

File: D:\Android\sso_wis_wismon_nodejs\.gitignore

```
# Ignore node_modules for backend projects
/be_wismon_keuangan_test/node_modules
/be_wismon_keuangan/node_modules

# Ignore Flutter build artifacts and temporary files
/wismon_keuangan/.dart_tool/
/wismon_keuangan/build/

/page1login.txt
/page2home.txt
/page3wismon.txt
/usebloc.txt
```

File: D:\Android\sso_wis_wismon_nodejs\.git\config

```
[core]
  repositoryformatversion = 0
  filemode = false
  bare = false
  logallrefupdates = true
  symlinks = false
  ignorecase = true
[remote "origin"]
  url = https://github.com/radzag7127/sso_wis_wismon_nodejs.git
  fetch = +refs/heads/*:refs/remotes/origin/*
[branch "main"]
  remote = origin
  merge = refs/heads/main
```

File: D:\Android\sso_wis_wismon_nodejs\.git\description

Unnamed repository; edit this file 'description' to name the repository.

File: D:\Android\sso_wis_wismon_nodejs\.git\HEAD

ref: refs/heads/main

File: D:\Android\sso_wis_wismon_nodejs\.git\packed-refs

```
# pack-refs with: peeled fully-peeled sorted
55f45e53b87a28d574532ad0211639ad2393d0c9 refs/remotes/origin/experimental
55f45e53b87a28d574532ad0211639ad2393d0c9 refs/remotes/origin/main
```

File: D:\Android\sso_wis_wismon_nodejs\.git\hooks\applypatch-msg.sample

```
#!/bin/sh
#
# An example hook script to check the commit log message taken by
# applypatch from an e-mail message.
#
# The hook should exit with non-zero status after issuing an
# appropriate message if it wants to stop the commit. The hook is
# allowed to edit the commit message file.
#
# To enable this hook, rename this file to "applypatch-msg".
```

```
. git-sh-setup
commitmsg="$(git rev-parse --git-path hooks/commit-msg)"
test -x "$commitmsg" && exec "$commitmsg" ${1+"$@"}
:
```

File: D:\Android\sso_wis_wismon_nodejs\.git\hooks\commit-msg.sample

```
#!/bin/sh
#
# An example hook script to check the commit log message.
# Called by "git commit" with one argument, the name of the file
# that has the commit message. The hook should exit with non-zero
# status after issuing an appropriate message if it wants to stop the
# commit. The hook is allowed to edit the commit message file.
#
# To enable this hook, rename this file to "commit-msg".

# Uncomment the below to add a Signed-off-by line to the message.
# Doing this in a hook is a bad idea in general, but the prepare-commit-msg
# hook is more suited to it.
#
# SOB=$(git var GIT_AUTHOR_IDENT | sed -n 's/^\(.*>\).*$/Signed-off-by: \1/p')
# grep -qs "^$SOB" "$1" || echo "$SOB" >> "$1"

# This example catches duplicate Signed-off-by lines.

test "" = "$(grep '^Signed-off-by: ' "$1" |
    sort | uniq -c | sed -e '/^[ ]*1[ ]/d')" || {
    echo >&2 Duplicate Signed-off-by lines.
    exit 1
}
```

File: D:\Android\sso_wis_wismon_nodejs\.git\hooks\fsmonitor-watchman.sample

```
#!/usr/bin/perl

use strict;
use warnings;
use IPC::Open2;

# An example hook script to integrate Watchman
# (https://facebook.github.io/watchman/) with git to speed up detecting
# new and modified files.
#
# The hook is passed a version (currently 2) and last update token
# formatted as a string and outputs to stdout a new update token and
# all files that have been modified since the update token. Paths must
# be relative to the root of the working tree and separated by a single NUL.
#
# To enable this hook, rename this file to "query-watchman" and set
# 'git config core.fsmonitor .git/hooks/query-watchman'
#
my ($version, $last_update_token) = @ARGV;

# Uncomment for debugging
# print STDERR "$0 $version $last_update_token\n";

# Check the hook interface version
if ($version ne 2) {
    die "Unsupported query-fsmonitor hook version '$version'.\n" .
        "Falling back to scanning...\n";
}
```

```

my $git_work_tree = get_working_dir();

my $retry = 1;

my $json_pkg;
eval {
    require JSON::XS;
    $json_pkg = "JSON::XS";
    1;
} or do {
    require JSON::PP;
    $json_pkg = "JSON::PP";
};

launch_watchman();

sub launch_watchman {
    my $o = watchman_query();
    if (is_work_tree_watched($o)) {
        output_result($o->{clock}, @{$o->{files}});
    }
}

sub output_result {
    my ($clockid, @files) = @_;

    # Uncomment for debugging watchman output
    # open (my $fh, ">", ".git/watchman-output.out");
    # binmode $fh, ":utf8";
    # print $fh "$clockid\n@files\n";
    # close $fh;

    binmode STDOUT, ":utf8";
    print $clockid;
    print "\0";
    local $, = "\0";
    print @files;
}

sub watchman_clock {
    my $response = qx/watchman clock "$git_work_tree"/;
    die "Failed to get clock id on '$git_work_tree'.\n" .
        "Falling back to scanning...\n" if $? != 0;

    return $json_pkg->new->utf8->decode($response);
}

sub watchman_query {
    my $pid = open2(\*CHLD_OUT, \*CHLD_IN, 'watchman -j --no-pretty')
    or die "open2() failed: $!\n" .
        "Falling back to scanning...\n";

    # In the query expression below we're asking for names of files that
    # changed since $last_update_token but not from the .git folder.
    #
    # To accomplish this, we're using the "since" generator to use the
    # recency index to select candidate nodes and "fields" to limit the
    # output to file names only. Then we're using the "expression" term to
    # further constrain the results.
    my $last_update_line = "";
    if (substr($last_update_token, 0, 1) eq "c") {
        $last_update_token = "\"$last_update_token\"";
        $last_update_line = qq[\n"since": $last_update_token,];
    }
    my $query = <<" END";

```

```

["query", "$git_work_tree", {$last_update_line
  "fields": ["name"],
  "expression": ["not", ["dirname", ".git"]]
}]
END

# Uncomment for debugging the watchman query
# open (my $fh, ">", ".git/watchman-query.json");
# print $fh $query;
# close $fh;

print CHLD_IN $query;
close CHLD_IN;
my $response = do {local $/; <CHLD_OUT>};

# Uncomment for debugging the watch response
# open ($fh, ">", ".git/watchman-response.json");
# print $fh $response;
# close $fh;

die "Watchman: command returned no output.\n" .
"Falling back to scanning...\n" if $response eq "";
die "Watchman: command returned invalid output: $response\n" .
"Falling back to scanning...\n" unless $response =~ /\^\{/;

return $json_pkg->new->utf8->decode($response);
}

sub is_work_tree_watched {
my ($output) = @_;
my $error = $output->{error};
if ($retry > 0 and $error and $error =~ m/unable to resolve root .* directory (.*) is not watched/) {
  $retry--;
my $response = qx/watchman watch "$git_work_tree"/;
die "Failed to make watchman watch '$git_work_tree'.\n" .
  "Falling back to scanning...\n" if $? != 0;
$output = $json_pkg->new->utf8->decode($response);
$error = $output->{error};
die "Watchman: $error.\n" .
"Falling back to scanning...\n" if $error;

# Uncomment for debugging watchman output
# open (my $fh, ">", ".git/watchman-output.out");
# close $fh;

# Watchman will always return all files on the first query so
# return the fast "everything is dirty" flag to git and do the
# Watchman query just to get it over with now so we won't pay
# the cost in git to look up each individual file.
my $o = watchman_clock();
$error = $output->{error};

die "Watchman: $error.\n" .
"Falling back to scanning...\n" if $error;

output_result($o->{clock}, ("/"));
$last_update_token = $o->{clock};

eval { launch_watchman() };
return 0;
}

die "Watchman: $error.\n" .
"Falling back to scanning...\n" if $error;

return 1;

```

```

}

sub get_working_dir {
    my $working_dir;
    if ($^O =~ 'msys' || $^O =~ 'cygwin') {
        $working_dir = Win32::GetCwd();
        $working_dir =~ tr/\//\\//;
    } else {
        require Cwd;
        $working_dir = Cwd::cwd();
    }

    return $working_dir;
}

```

File: D:\Android\sso_wis_wismon_nodejs\.git\hooks\post-update.sample

```

#!/bin/sh
#
# An example hook script to prepare a packed repository for use over
# dumb transports.
#
# To enable this hook, rename this file to "post-update".

exec git update-server-info

```

File: D:\Android\sso_wis_wismon_nodejs\.git\hooks\pre-applypatch.sample

```

#!/bin/sh
#
# An example hook script to verify what is about to be committed
# by applypatch from an e-mail message.
#
# The hook should exit with non-zero status after issuing an
# appropriate message if it wants to stop the commit.
#
# To enable this hook, rename this file to "pre-applypatch".

. git-sh-setup
precommit="$(git rev-parse --git-path hooks/pre-commit)"
test -x "$precommit" && exec "$precommit" ${1+"$@"}
:

```

File: D:\Android\sso_wis_wismon_nodejs\.git\hooks\pre-commit.sample

```

#!/bin/sh
#
# An example hook script to verify what is about to be committed.
# Called by "git commit" with no arguments. The hook should
# exit with non-zero status after issuing an appropriate message if
# it wants to stop the commit.
#
# To enable this hook, rename this file to "pre-commit".

if git rev-parse --verify HEAD >/dev/null 2>&1
then
    against=HEAD
else
    # Initial commit: diff against an empty tree object
    against=$(git hash-object -t tree /dev/null)
fi

```

```

# If you want to allow non-ASCII filenames set this variable to true.
allownonascii=$(git config --type=bool hooks.allownonascii)

# Redirect output to stderr.
exec 1>&2

# Cross platform projects tend to avoid non-ASCII filenames; prevent
# them from being added to the repository. We exploit the fact that the
# printable range starts at the space character and ends with tilde.
if [ "$allownonascii" != "true" ] &&
# Note that the use of brackets around a tr range is ok here, (it's
# even required, for portability to Solaris 10's /usr/bin/tr), since
# the square bracket bytes happen to fall in the designated range.
test $(git diff-index --cached --name-only --diff-filter=A -z $against |
    LC_ALL=C tr -d '[-~]\0' | wc -c) != 0
then
    cat <<\EOF
Error: Attempt to add a non-ASCII file name.

This can cause problems if you want to work with people on other platforms.

To be portable it is advisable to rename the file.

If you know what you are doing you can disable this check using:

    git config hooks.allownonascii true
EOF
    exit 1
fi

# If there are whitespace errors, print the offending file names and fail.
exec git diff-index --check --cached $against --

```

File: D:\Android\sso_wis_wismon_nodejs\.git\hooks\pre-merge-commit.sample

```

#!/bin/sh
#
# An example hook script to verify what is about to be committed.
# Called by "git merge" with no arguments. The hook should
# exit with non-zero status after issuing an appropriate message to
# stderr if it wants to stop the merge commit.
#
# To enable this hook, rename this file to "pre-merge-commit".

. git-sh-setup
test -x "$GIT_DIR/hooks/pre-commit" &&
    exec "$GIT_DIR/hooks/pre-commit"
:

```

File: D:\Android\sso_wis_wismon_nodejs\.git\hooks\pre-push.sample

```

#!/bin/sh

# An example hook script to verify what is about to be pushed. Called by "git
# push" after it has checked the remote status, but before anything has been
# pushed. If this script exits with a non-zero status nothing will be pushed.
#
# This hook is called with the following parameters:
#
# $1 -- Name of the remote to which the push is being done
# $2 -- URL to which the push is being done
#

```

```

# If pushing without using a named remote those arguments will be equal.
#
# Information about the commits which are being pushed is supplied as lines to
# the standard input in the form:
#
#   <local ref> <local oid> <remote ref> <remote oid>
#
# This sample shows how to prevent push of commits where the log message starts
# with "WIP" (work in progress).

remote="$1"
url="$2"

zero=$(git hash-object --stdin </dev/null | tr '0-9a-f' '0')

while read local_ref local_oid remote_ref remote_oid
do
    if test "$local_oid" = "$zero"
    then
        # Handle delete
        :
    else
        if test "$remote_oid" = "$zero"
        then
            # New branch, examine all commits
            range="$local_oid"
        else
            # Update to existing branch, examine new commits
            range="$remote_oid..$local_oid"
        fi

        # Check for WIP commit
        commit=$(git rev-list -n 1 --grep '^WIP' "$range")
        if test -n "$commit"
        then
            echo >&2 "Found WIP commit in $local_ref, not pushing"
            exit 1
        fi
    fi
done

exit 0

```

File: D:\Android\sso_wis_wismon_nodejs\.git\hooks\pre-rebase.sample

```

#!/bin/sh
#
# Copyright (c) 2006, 2008 Junio C Hamano
#
# The "pre-rebase" hook is run just before "git rebase" starts doing
# its job, and can prevent the command from running by exiting with
# non-zero status.
#
# The hook is called with the following parameters:
#
# $1 -- the upstream the series was forked from.
# $2 -- the branch being rebased (or empty when rebasing the current branch).
#
# This sample shows how to prevent topic branches that are already
# merged to 'next' branch from getting rebased, because allowing it
# would result in rebasing already published history.

publish=next
basebranch="$1"

```

```

if test "$#" = 2
then
    topic="refs/heads/$2"
else
    topic=`git symbolic-ref HEAD` ||
    exit 0 ;# we do not interrupt rebasing detached HEAD
fi

case "$topic" in
    refs/heads/??/*)
        ;;
    *)
        exit 0 ;# we do not interrupt others.
        ;;
esac

# Now we are dealing with a topic branch being rebased
# on top of master. Is it OK to rebase it?

# Does the topic really exist?
git show-ref -q "$topic" || {
    echo >&2 "No such branch $topic"
    exit 1
}

# Is topic fully merged to master?
not_in_master=`git rev-list --pretty=oneline ^master "$topic"`
if test -z "$not_in_master"
then
    echo >&2 "$topic is fully merged to master; better remove it."
    exit 1 ;# we could allow it, but there is no point.
fi

# Is topic ever merged to next? If so you should not be rebasing it.
only_next_1=`git rev-list ^master ^$topic ${publish} | sort`
only_next_2=`git rev-list ^master ${publish} | sort`
if test "$only_next_1" = "$only_next_2"
then
    not_in_topic=`git rev-list ^$topic master`
    if test -z "$not_in_topic"
    then
        echo >&2 "$topic is already up to date with master"
        exit 1 ;# we could allow it, but there is no point.
    else
        exit 0
    fi
else
    not_in_next=`git rev-list --pretty=oneline ^${publish} "$topic"`
    /usr/bin/perl -e '
        my $topic = $ARGV[0];
        my $msg = "** $topic has commits already merged to public branch:\n";
        my (%not_in_next) = map {
            /^( [0-9a-f]+ ) /;
            ($1 => 1);
        } split(/\n/, $ARGV[1]);
        for my $elem (map {
            /^( [0-9a-f]+ ) (.*?) /;
            [$1 => $2];
        } split(/\n/, $ARGV[2])) {
            if (!exists $not_in_next{$elem->[0]}) {
                if ($msg) {
                    print STDERR $msg;
                    undef $msg;
                }
                print STDERR " $elem->[1]\n";
            }
        }
    '

```



```

    }
    ' "$topic" "$not_in_next" "$not_in_master"
    exit 1
fi

<<\DOC_END

```

This sample hook safeguards topic branches that have been published from being rewound.

The workflow assumed here is:

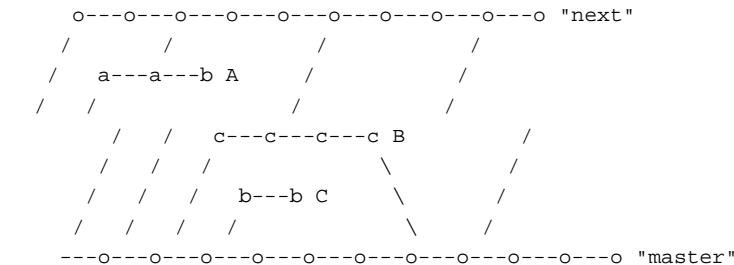
- * Once a topic branch forks from "master", "master" is never merged into it again (either directly or indirectly).
- * Once a topic branch is fully cooked and merged into "master", it is deleted. If you need to build on top of it to correct earlier mistakes, a new topic branch is created by forking at the tip of the "master". This is not strictly necessary, but it makes it easier to keep your history simple.
- * Whenever you need to test or publish your changes to topic branches, merge them into "next" branch.

The script, being an example, hardcodes the publish branch name to be "next", but it is trivial to make it configurable via \$GIT_DIR/config mechanism.

With this workflow, you would want to know:

- (1) ... if a topic branch has ever been merged to "next". Young topic branches can have stupid mistakes you would rather clean up before publishing, and things that have not been merged into other branches can be easily rebased without affecting other people. But once it is published, you would not want to rewind it.
- (2) ... if a topic branch has been fully merged to "master". Then you can delete it. More importantly, you should not build on top of it -- other people may already want to change things related to the topic as patches against your "master", so if you need further changes, it is better to fork the topic (perhaps with the same name) afresh from the tip of "master".

Let's look at this example:



A, B and C are topic branches.

- * A has one fix since it was merged up to "next".
- * B has finished. It has been fully merged up to "master" and "next", and is ready to be deleted.
- * C has not merged to "next" at all.

We would want to allow C to be rebased, refuse A, and encourage B to be deleted.

To compute (1):

```
git rev-list ^master ^topic next
git rev-list ^master      next
```

if these match, topic has not merged in next at all.

To compute (2):

```
git rev-list master..topic
```

if this is empty, it is fully merged to "master".

DOC_END

File: D:\Android\sso_wis_wismon_nodejs\.git\hooks\pre-receive.sample

```
#!/bin/sh
#
# An example hook script to make use of push options.
# The example simply echoes all push options that start with 'echoback='
# and rejects all pushes when the "reject" push option is used.
#
# To enable this hook, rename this file to "pre-receive".

if test -n "$GIT_PUSH_OPTION_COUNT"
then
  i=0
  while test "$i" -lt "$GIT_PUSH_OPTION_COUNT"
  do
    eval "value=\$GIT_PUSH_OPTION_$i"
    case "$value" in
      echoback=*)
        echo "echo from the pre-receive-hook: ${value#*=}" >&2
        ;;
      reject)
        exit 1
      esac
    i=$((i + 1))
  done
fi
```

File: D:\Android\sso_wis_wismon_nodejs\.git\hooks\prepare-commit-msg.sample

```
#!/bin/sh
#
# An example hook script to prepare the commit log message.
# Called by "git commit" with the name of the file that has the
# commit message, followed by the description of the commit
# message's source. The hook's purpose is to edit the commit
# message file. If the hook fails with a non-zero status,
# the commit is aborted.
#
# To enable this hook, rename this file to "prepare-commit-msg".

# This hook includes three examples. The first one removes the
# "# Please enter the commit message..." help message.
#
# The second includes the output of "git diff --name-status -r"
```

```

# into the message, just before the "git status" output. It is
# commented because it doesn't cope with --amend or with squashed
# commits.
#
# The third example adds a Signed-off-by line to the message, that can
# still be edited. This is rarely a good idea.

COMMIT_MSG_FILE=$1
COMMIT_SOURCE=$2
SHA1=$3

/usr/bin/perl -i.bak -ne 'print unless(m/^\. Please enter the commit message/..m/^#$/)' "$COMMIT_MSG_FILE"

# case "$COMMIT_SOURCE,$SHA1" in
#   ,|template,)
#     /usr/bin/perl -i.bak -pe '
#       print "\n" . `git diff --cached --name-status -r`
#     if /^#/ && $first++ == 0' "$COMMIT_MSG_FILE" ;;
#   *) ;;
# esac

# SOB=$(git var GIT_COMMITTER_IDENT | sed -n 's/^(\.*)>).*/Signed-off-by: \1/p')
# git interpret-trailers --in-place --trailer "$SOB" "$COMMIT_MSG_FILE"
# if test -z "$COMMIT_SOURCE"
# then
#   /usr/bin/perl -i.bak -pe 'print "\n" if !$first_line++' "$COMMIT_MSG_FILE"
# fi

```

File: D:\Android\sso_wis_wismon_nodejs\.git\hooks\push-to-checkout.sample

```

#!/bin/sh

# An example hook script to update a checked-out tree on a git push.
#
# This hook is invoked by git-receive-pack(1) when it reacts to git
# push and updates reference(s) in its repository, and when the push
# tries to update the branch that is currently checked out and the
# receive.denyCurrentBranch configuration variable is set to
# updateInstead.
#
# By default, such a push is refused if the working tree and the index
# of the remote repository has any difference from the currently
# checked out commit; when both the working tree and the index match
# the current commit, they are updated to match the newly pushed tip
# of the branch. This hook is to be used to override the default
# behaviour; however the code below reimplements the default behaviour
# as a starting point for convenient modification.
#
# The hook receives the commit with which the tip of the current
# branch is going to be updated:
commit=$1

# It can exit with a non-zero status to refuse the push (when it does
# so, it must not modify the index or the working tree).
die () {
  echo >&2 "$*"
  exit 1
}

# Or it can make any necessary changes to the working tree and to the
# index to bring them to the desired state when the tip of the current
# branch is updated to the new commit, and exit with a zero status.
#
# For example, the hook can simply run git read-tree -u -m HEAD "$1"

```

```

# in order to emulate git fetch that is run in the reverse direction
# with git push, as the two-tree form of git read-tree -u -m is
# essentially the same as git switch or git checkout that switches
# branches while keeping the local changes in the working tree that do
# not interfere with the difference between the branches.

# The below is a more-or-less exact translation to shell of the C code
# for the default behaviour for git's push-to-checkout hook defined in
# the push_to_deploy() function in builtin/receive-pack.c.
#
# Note that the hook will be executed from the repository directory,
# not from the working tree, so if you want to perform operations on
# the working tree, you will have to adapt your code accordingly, e.g.
# by adding "cd .." or using relative paths.

if ! git update-index -q --ignore-submodules --refresh
then
    die "Up-to-date check failed"
fi

if ! git diff-files --quiet --ignore-submodules --
then
    die "Working directory has unstaged changes"
fi

# This is a rough translation of:
#
# head_has_history() & "HEAD" : EMPTY_TREE_SHA1_HEX
if git cat-file -e HEAD 2>/dev/null
then
    head=HEAD
else
    head=$(git hash-object -t tree --stdin </dev/null)
fi

if ! git diff-index --quiet --cached --ignore-submodules $head --
then
    die "Working directory has staged changes"
fi

if ! git read-tree -u -m "$commit"
then
    die "Could not update working tree to new HEAD"
fi

```

File: D:\Android\sso_wis_wismon_nodejs\.git\hooks\sendemail-validate.sample

```

#!/bin/sh

# An example hook script to validate a patch (and/or patch series) before
# sending it via email.
#
# The hook should exit with non-zero status after issuing an appropriate
# message if it wants to prevent the email(s) from being sent.
#
# To enable this hook, rename this file to "sendemail-validate".
#
# By default, it will only check that the patch(es) can be applied on top of
# the default upstream branch without conflicts in a secondary worktree. After
# validation (successful or not) of the last patch of a series, the worktree
# will be deleted.
#
# The following config variables can be set to change the default remote and
# remote ref that are used to apply the patches against:

```

```

#
#  sendemail.validateRemote (default: origin)
#  sendemail.validateRemoteRef (default: HEAD)
#
# Replace the TODO placeholders with appropriate checks according to your
# needs.

validate_cover_letter () {
    file="$1"
    # TODO: Replace with appropriate checks (e.g. spell checking).
    true
}

validate_patch () {
    file="$1"
    # Ensure that the patch applies without conflicts.
    git am -3 "$file" || return
    # TODO: Replace with appropriate checks for this patch
    # (e.g. checkpatch.pl).
    true
}

validate_series () {
    # TODO: Replace with appropriate checks for the whole series
    # (e.g. quick build, coding style checks, etc.).
    true
}

# main -----

if test "$GIT_SENDEMAIL_FILE_COUNTER" = 1
then
    remote=$(git config --default origin --get sendemail.validateRemote) &&
    ref=$(git config --default HEAD --get sendemail.validateRemoteRef) &&
    worktree=$(mktemp --tmpdir -d sendemail-validate.XXXXXXX) &&
    git worktree add -fd --checkout "$worktree" "refs/remotes/$remote/$ref" &&
    git config --replace-all sendemail.validateWorktree "$worktree"
else
    worktree=$(git config --get sendemail.validateWorktree)
fi || {
    echo "sendemail-validate: error: failed to prepare worktree" >&2
    exit 1
}

unset GIT_DIR GIT_WORK_TREE
cd "$worktree" &&

if grep -q "^diff --git " "$1"
then
    validate_patch "$1"
else
    validate_cover_letter "$1"
fi &&

if test "$GIT_SENDEMAIL_FILE_COUNTER" = "$GIT_SENDEMAIL_FILE_TOTAL"
then
    git config --unset-all sendemail.validateWorktree &&
    trap 'git worktree remove -ff "$worktree"' EXIT &&
    validate_series
fi

File: D:\Android\sso_wis_wismon_nodejs\.git\hooks\update.sample

#!/bin/sh

```

```

#
# An example hook script to block unannotated tags from entering.
# Called by "git receive-pack" with arguments: refname sha1-old sha1-new
#
# To enable this hook, rename this file to "update".
#
# Config
# -----
# hooks.allowunannotated
#   This boolean sets whether unannotated tags will be allowed into the
#   repository. By default they won't be.
# hooks.allowdeletetag
#   This boolean sets whether deleting tags will be allowed in the
#   repository. By default they won't be.
# hooks.allowmodifytag
#   This boolean sets whether a tag may be modified after creation. By default
#   it won't be.
# hooks.allowdeletebranch
#   This boolean sets whether deleting branches will be allowed in the
#   repository. By default they won't be.
# hooks.denycreatebranch
#   This boolean sets whether remotely creating branches will be denied
#   in the repository. By default this is allowed.
#

# --- Command line
refname="$1"
oldrev="$2"
newrev="$3"

# --- Safety check
if [ -z "$GIT_DIR" ]; then
    echo "Don't run this script from the command line." >&2
    echo " (if you want, you could supply GIT_DIR then run" >&2
    echo "   $0 <ref> <oldrev> <newrev>)" >&2
    exit 1
fi

if [ -z "$refname" -o -z "$oldrev" -o -z "$newrev" ]; then
    echo "usage: $0 <ref> <oldrev> <newrev>" >&2
    exit 1
fi

# --- Config
allowunannotated=$(git config --type=bool hooks.allowunannotated)
allowdeletebranch=$(git config --type=bool hooks.allowdeletebranch)
denycreatebranch=$(git config --type=bool hooks.denycreatebranch)
allowdeletetag=$(git config --type=bool hooks.allowdeletetag)
allowmodifytag=$(git config --type=bool hooks.allowmodifytag)

# check for no description
projectdesc=$(sed -e '1q' "$GIT_DIR/description")
case "$projectdesc" in
"Unnamed repository"* | "")
    echo "*** Project description file hasn't been set" >&2
    exit 1
;;
esac

# --- Check types
# if $newrev is 0000...0000, it's a commit to delete a ref.
zero=$(git hash-object --stdin </dev/null | tr '0-9a-f' '0')
if [ "$newrev" = "$zero" ]; then
    newrev_type=delete
else
    newrev_type=$(git cat-file -t $newrev)

```

```

fi

case "$refname","$newrev_type" in
refs/tags/*,commit)
# un-annotated tag
short_refname=${refname##refs/tags/}
if [ "$allowunannotated" != "true" ]; then
echo "*** The un-annotated tag, $short_refname, is not allowed in this repository" >&2
echo "*** Use 'git tag [ -a | -s ]' for tags you want to propagate." >&2
exit 1
fi
;;
refs/tags/*,delete)
# delete tag
if [ "$allowdeletetag" != "true" ]; then
echo "*** Deleting a tag is not allowed in this repository" >&2
exit 1
fi
;;
refs/tags/*,tag)
# annotated tag
if [ "$allowmodifytag" != "true" ] && git rev-parse $refname > /dev/null 2>&1
then
echo "*** Tag '$refname' already exists." >&2
echo "*** Modifying a tag is not allowed in this repository." >&2
exit 1
fi
;;
refs/heads/*,commit)
# branch
if [ "$oldrev" = "$zero" -a "$denycreatebranch" = "true" ]; then
echo "*** Creating a branch is not allowed in this repository" >&2
exit 1
fi
;;
refs/heads/*,delete)
# delete branch
if [ "$allowdeletebranch" != "true" ]; then
echo "*** Deleting a branch is not allowed in this repository" >&2
exit 1
fi
;;
refs/remotes/*,commit)
# tracking branch
;;
refs/remotes/*,delete)
# delete tracking branch
if [ "$allowdeletebranch" != "true" ]; then
echo "*** Deleting a tracking branch is not allowed in this repository" >&2
exit 1
fi
;;
*)
# Anything else (is there anything else?)
echo "*** Update hook: unknown type of update to ref $refname of type $newrev_type" >&2
exit 1
;;
esac

# --- Finished
exit 0

```

File: D:\Android\sso_wis_wismon_nodejs\.git\info\exclude

```
# git ls-files --others --exclude-from=.git/info/exclude
# Lines that start with '#' are comments.
# For a project mostly in C, the following would be a good set of
# exclude patterns (uncomment them if you want to use them):
# *.loa]
# *
```

File: D:\Android\sso_wis_wismon_nodejs\.git\logs\HEAD

```
0000000000000000000000000000000000000000000000000000000    55f45e53b87a28d574532ad0211639ad2393d0c9    mchristopherh  
<mchristopherh@student.ub.ac.id>    1752638593    +0700 clone:    from  
https://github.com/radzag7127/ssowiswismon\_nodejs.git
```

File: D:\Android\sso_wis_wismon_nodejs\.git\logs\refs\heads\main

```
0000000000000000000000000000000000000000000000000000000    55f45e53b87a28d574532ad0211639ad2393d0c9    mchristopherh  
<mchristopherh@student.ub.ac.id>    1752638593    +0700 clone:    from  
https://github.com/radzag7127/ssowiswismon\_nodejs.git
```

File: D:\Android\sso_wis_wismon_nodejs\.git\logs\refs\remotes\origin\HEAD

```
0000000000000000000000000000000000000000000000000000000    55f45e53b87a28d574532ad0211639ad2393d0c9    mchristopherh  
<mchristopherh@student.ub.ac.id>    1752638593    +0700 clone:    from  
https://github.com/radzag7127/sso\_wis\_wismon\_nodejs.git
```

File: D:\Android\sso_wis_wismon_nodejs\.git\refs\heads\main

55f45e53b87a28d574532ad0211639ad2393d0c9

File: D:\Android\sso_wis_wismon_nodejs\.git\refs\remotes\origin\HEAD

```
ref: refs/remotes/origin/main
```

File: D:\Android\sso wis wismon nodejs\be wismon keuangan\.env

```
# Environment Variables
```

PORT=3000

NODE_ENV=development

NODE_ENV=development

```
# Database Configuration - SSO
```

DB_SSO_HOST=127.0.0.1

DB_SSO_PORT=3306

DB_SSO_USER=root

DB SSO PASSWORD=

DB SSO NAME=u4714151 sso

```
# Database Configuration - WIS
```

DB WIS HOST=127.0.0.1

DB WIS PORT=3306

DB_WIS_USER=root

DB_WIS_PASSWORD=

DB WIS NAME=u4714151 wis

```
# Database Configuration - WISAKA
```

DB_WIS_HOST=127.0.0.1


```
DB_WIS_PORT=3306
DB_WIS_USER=root
DB_WIS_PASSWORD=
DB_WIS_NAME=u4714151_wisaka

# Database Configuration - WISMON
DB_WISMON_HOST=127.0.0.1
DB_WISMON_PORT=3306
DB_WISMON_USER=root
DB_WISMON_PASSWORD=
DB_WISMON_NAME=u4714151_wismon

# JWT Secret
JWT_SECRET=your-super-secret-jwt-key-u4714151-wismon-development

# CORS Settings - Allow Android emulator access
CORS_ORIGIN=*

# API Host (0.0.0.0 allows external connections for Android testing)
API_HOST=0.0.0.0
```

File: D:\Android\sso_wis_wismon_nodejs\be_wismon_keuangan\.gitignore

```
# Dependencies
node_modules/
npm-debug.log*
yarn-debug.log*
yarn-error.log*

# Runtime data
pids
*.pid
*.seed
*.pid.lock

# Build output
dist/
build/
*.tsbuildinfo

# Environment variables
.env
.env.local
.env.development.local
.env.test.local
.env.production.local

# IDE files
.vscode/
.idea/
*.swp
*.swo
*~

# OS generated files
.DS_Store
.DS_Store?
._*
.Spotlight-V100
.Trashes
ehthumbs.db
Thumbs.db

# Logs
```

```
logs
*.log

# Coverage directory used by tools like istanbul
coverage/

# Temporary folders
tmp/
temp/
```

File: D:\Android\sso_wis_wismon_nodejs\be_wismon_keuangan\API_DOCUMENTATION.md

Wismon Keuangan Backend API Documentation

Overview

Backend API untuk aplikasi Wismon Keuangan - sistem pembayaran mahasiswa Universitas Wirahusada.

Database Architecture

- ****wirahusada_sso****: Authentication dan authorization (7 tables)
- ****wirahusada_wis****: Student dan staff management (7 tables)
- ****wirahusada_wismon****: Financial transactions dan payment processing (20 tables)

Authentication Endpoints

POST /api/auth/login

Login mahasiswa menggunakan nama/NIM dan NRM.

****Request Body:****

```
```json
{
 "namam_nim": "string", // Nama mahasiswa atau NIM
 "nrm": "string" // Nomor Registrasi Mahasiswa
}
```

#### **\*\*Response:\*\***

```
```json
{
  "success": true,
  "message": "Login successful",
  "data": {
    "token": "jwt_token_here",
    "user": {
      "nrm": "student_nrm",
      "nim": "student_nim",
      "namam": "Student Full Name"
    }
  }
}
```

****Pencarian Nama Aman:****

Login mendukung pencarian nama yang case-insensitive dengan exact matching untuk keamanan:

- ****Case-insensitive****: `Hanik Zaimatus Sholichah` = `hanik zaimatus sholichah`
- ****Tanpa spasi****: `HanikZaimatusSholichah` akan cocok dengan `Hanik Zaimatus Sholichah`
- ****Mixed case****: `hAnikzaimAtussholichAh` akan cocok dengan nama asli (tanpa spasi)
- ****Partial match dihapus****: Untuk keamanan, tidak ada pencarian sebagian nama

****Authentication Flow:****

1. Coba cari berdasarkan NIM exact match
2. Jika tidak ditemukan, cari berdasarkan nama dengan exact match (case-insensitive)
3. Jika masih tidak ditemukan, coba cari dengan menghilangkan spasi (exact match, case-insensitive)

GET /api/auth/profile

Mendapatkan profil mahasiswa yang sedang login.

****Headers:****

...

Authorization: Bearer <jwt_token>

...

****Response:****

```json

```
{
 "success": true,
 "data": {
 "nrm": "student_nrm",
 "nim": "student_nim",
 "namam": "Student Full Name",
 "tgdaftar": "registration_date",
 "tplahir": "birth_place"
 }
}
```

### POST /api/auth/verify

Verifikasi token JWT.

## **\*\*Request Body:\*\***

```json

```
{
  "token": "jwt_token_here"
}
```

****Response:****

```json

```
{
 "success": true,
 "data": {
 "valid": true,
 "user": {
 "nrm": "student_nrm",
 "nim": "student_nim",
 "namam": "Student Full Name"
 }
 }
}
```

---

## 2 Login Page Implementation (pagellogin.txt)

### `POST /api/auth/login`

**\*\*Purpose\*\*:** Student login authentication

**\*\*Database Access\*\*:**

- Primary: `wirahusada\_wis.mahasiswa` (student identification)
- Secondary: `wirahusada\_sso.user` (future authentication enhancement)

**\*\*Request Body\*\*:**

```
```json
{
  "namam_nim": "string", // Student name OR NIM
  "nrm": "string" // Student registration number
}
```
```

**\*\*Response Success (200)\*\*:**

```
```json
{
  "success": true,
  "message": "Login successful",
  "data": {
    "token": "jwt_token_here",
    "user": {
      "nrm": "student_nrm",
      "nim": "student_nim",
      "namam": "student_name"
    }
  }
}
```
```

**\*\*Database Query Flow\*\*:**

1. Search by NIM + NRM: `SELECT \* FROM mahasiswa WHERE nim = ¿ AND nrm = ¿`
2. If not found, search by name: `SELECT \* FROM mahasiswa WHERE namam LIKE ¿ AND nrm = ¿`

---

## ¿ Homepage Implementation (page2home.txt)

### `GET /api/auth/profile`

**\*\*Purpose\*\*:** Get student profile for homepage greeting ("hello, [student's namam]")

**\*\*Database Access\*\*:** `wirahusada\_wis.mahasiswa`

**\*\*Authentication\*\*:** Required

**\*\*Response Success (200)\*\*:**

```
```json
{
  "success": true,
  "message": "Profile retrieved successfully",
  "data": {
    "nrm": "student_nrm",
    "nim": "student_nim",
    "namam": "student_name", // Used for homepage greeting
    "tgdaftar": "2023-01-15",
    "tplahir": "2001-05-20"
  }
}
```
```

**\*\*Database Query\*\*:** `SELECT nrm, nim, namam, tgdaftar, tplahir, kdagama FROM mahasiswa WHERE nrm = ¿`

### `POST /api/auth/verify`

**\*\*Purpose\*\*:** Verify JWT token validity

**\*\*Authentication\*\*:** Required

---

## ǀ Wismon Payment Page Implementation (page3wismon.txt)

### `GET /api/payments/history`

**\*\*Purpose\*\*:** Get payment history with filtering (Riwayat Pembayaran)

**\*\*Database Access\*\*:**

- `wirahusada\_wismon.transaksi` - Transaction records
- `wirahusada\_wismon.t\_pembayaranmahasiswa` - Student payment links
- `wirahusada\_wismon.akun` - Account/payment method info

**\*\*Query Parameters\*\*:**

---

ǀpage=1&limit=20&startDate=2024-01-01&endDate=2024-12-31&type=Ijazah&sortBy=tanggal&sortOrder=desc

---

**\*\*Response Success (200)\*\*:**

```json

```
{
  "success": true,
  "message": "Payment history retrieved successfully",
  "data": {
    "data": [
      {
        "id": "transaction_id",
        "tanggal": "24 Juni 2025",
        "tanggal_full": "24 Juni 2025, 10:30:15 WIB",
        "type": "KTI dan Wisuda",
        "jumlah": "Rp 1.750.000",
        "status": "LUNAS",
        "tx_id": "135842-AKD-20250624",
        "method": "101 - Tunai - Kas Akademi",
        "method_code": "101"
      }
    ],
    "total": 25,
    "page": 1,
    "limit": 20
  }
}
```

****Database Query**:**

```sql

```
SELECT
 t.id, t.kode_transaksi as tx_id,
 DATE_FORMAT(t.tanggal, '%d %M %Y') as tanggal,
 DATE_FORMAT(t.tanggal, '%d %M %Y, %H:%i:%s WIB') as tanggal_full,
 a.nama_akun as type,
 CONCAT('Rp ', FORMAT(t.total, 0)) as jumlah,
 'LUNAS' as status,
 CONCAT(a.kode, ' - ', a.nama_akun) as method,
 a.kode as method_code
FROM transaksi t
INNER JOIN t_pembayaranmahasiswa tpm ON t.id = tpm.no
INNER JOIN akun a ON t.kodeakun = a.kode
WHERE tpm.nrm = ǀ
ORDER BY t.tanggal DESC
```

```
LIMIT 2 OFFSET 2
```
```

```
### `GET /api/payments/summary`
```

```
**Purpose**: Get payment recapitulation (Rekapitulasi Pembayaran)
```

```
**Database Access**: `wirahusada_wismon` (aggregated transaction data)
```

```
**Response Success (200)**:
```

```
```json
{
 "success": true,
 "message": "Payment summary retrieved successfully",
 "data": {
 "total_pembayaran": "Rp 2.300.000",
 "breakdown": {
 "Ijazah": "Rp 400.000",
 "KTI dan Wisuda": "Rp 1.750.000",
 "Lain-lain": "Rp 150.000"
 }
 }
}
```
```

```
**Database Query**:
```

```
```sql
SELECT
 a.nama_akun as payment_type,
 SUM(t.total) as total_amount
FROM transaksi t
INNER JOIN t_pembayaranmahasiswa tpm ON t.id = tpm.no
INNER JOIN akun a ON t.kodeakun = a.kode
WHERE tpm.nrm = 2
GROUP BY a.nama_akun, a.kode
ORDER BY total_amount DESC
```
```

```
### `GET /api/payments/detail/:id`
```

```
**Purpose**: Get detailed transaction information (Detail Transaksi)
```

```
**Database Access**:
```

```
- `wirahusada_wismon` - Transaction details
- `wirahusada_wis.mahasiswa` - Student information
```

```
**Response Success (200)**:
```

```
```json
{
 "success": true,
 "message": "Transaction detail retrieved successfully",
 "data": {
 "id": "transaction_id",
 "tanggal": "24 Juni 2025",
 "tanggal_full": "24 Juni 2025, 10:30:15 WIB",
 "type": "KTI dan Wisuda",
 "jumlah": "Rp 1.750.000",
 "status": "LUNAS",
 "tx_id": "135842-AKD-20250624", // Copyable transaction ID
 "method": "101 - Tunai - Kas Akademi",
 "student_name": "Budi Santoso",
 "student_nim": "202201001",
 "student_prodi": "D3 Keperawatan",
 "payment_breakdown": {

```

```

 "KTI dan Wisuda": "Rp 1.750.000"
 }
}
}
...

```

```

`POST /api/payments/refresh`

```

```

Purpose: Refresh payment data (Refresh button)

```

```

Response Success (200):

```

```

```json
{
  "success": true,
  "message": "Payment data refreshed successfully",
  "data": { "refreshed": true }
}
...

```

```

### `GET /api/payments/types`

```

```

**Purpose**: Get available payment types for filtering

```

```

**Response Success (200)**:

```

```

```json
{
 "success": true,
 "message": "Payment types retrieved successfully",
 "data": [
 "Tunai - Kas Akademi",
 "Cek - Bank BNI",
 "Ijazah",
 "KTI dan Wisuda",
 "Lain-lain"
]
}
...

```

```

```

```

2 System Endpoints

```

```

`GET /health`

```

```

Purpose: Health check

```

```

Authentication: Not required

```

```

`GET /`

```

```

Purpose: API information and available endpoints

```

```

Authentication: Not required

```

```

```

```

2.2 Database Schema Relationships

```

```

Key Foreign Key Relationships

```

```

- `t_pembayaranmahasiswa.nrm` 2 `wirahusada_wis.mahasiswa.nrm`
- `t_pembayaranmahasiswa.no` 2 `transaksi.id`
- `transaksi.kodeakun` 2 `akun.kode`

```

```

Data Flow Patterns

```

1. **\*\*Authentication\*\***: `wirahusada\_wis.mahasiswa` for student validation
2. **\*\*Homepage\*\***: `wirahusada\_wis.mahasiswa` for greeting
3. **\*\*Payment History\*\***: `wirahusada\_wismon` tables joined for transaction data
4. **\*\*Payment Detail\*\***: Cross-database join between `wirahusada\_wismon` and `wirahusada\_wis`

---

## ## 2 Frontend Integration Examples

### ### Login Implementation

```
```javascript
const login = async (namam_nim, nrm) => {
  const response = await fetch("/api/auth/login", {
    method: "POST",
    headers: { "Content-Type": "application/json" },
    body: JSON.stringify({ namam_nim, nrm }),
  });

  const result = await response.json();
  if (result.success) {
    localStorage.setItem("token", result.data.token);
    window.location.href = "/homepage";
  }
};
```
```

### ### Homepage Greeting

```
```javascript
const loadHomepage = async () => {
  const response = await fetch("/api/auth/profile", {
    headers: { Authorization: `Bearer ${localStorage.getItem("token")}` },
  });

  const result = await response.json();
  if (result.success) {
    document.getElementById(
      "greeting"
    ).textContent = `hello, ${result.data.namam}`;
  }
};
```
```

### ### Payment History with Filters

```
```javascript
const loadPaymentHistory = async (filters = {}) => {
  const params = new URLSearchParams(filters);
  const response = await fetch(`/api/payments/history?${params}`, {
    headers: { Authorization: `Bearer ${localStorage.getItem("token")}` },
  });

  const result = await response.json();
  if (result.success) {
    renderPaymentHistory(result.data.data);
  }
};
```
```

// Example usage with filters

```
loadPaymentHistory({
 page: 1,
 limit: 20,
 type: "Ijazah",
 sortBy: "tanggal",
 sortOrder: "desc",
})
```



```
});
```
```

Transaction Detail

```
```javascript  
const showTransactionDetail = async (transactionId) => {
 const response = await fetch(`/api/payments/detail/${transactionId}`, {
 headers: { Authorization: `Bearer ${localStorage.getItem("token")}` },
 });

 const result = await response.json();
 if (result.success) {
 populateDetailPage(result.data);
 }
};
```
```

Security Features

- **JWT Authentication**: 24-hour token expiration
- **CORS Protection**: Configured for specific origins
- **Input Validation**: All inputs validated and sanitized
- **SQL Injection Prevention**: Parameterized queries
- **Authorization Checks**: User can only access their own data

Performance Optimizations

- **Connection Pooling**: MySQL connection pools (limit: 10)
- **Pagination**: Default 20 items per page for history
- **Indexed Queries**: Database indexes on key columns
- **Request Logging**: For monitoring and debugging

Error Handling

All endpoints return consistent error format:

```
```json  
{
 "success": false,
 "message": "Error description",
 "errors": ["detailed_error_1", "detailed_error_2"]
}
```
```

Common HTTP Status Codes

- **200**: Success
- **400**: Bad Request (validation errors)
- **401**: Unauthorized (missing/invalid token)
- **403**: Forbidden (token expired)
- **404**: Not Found (resource not found)
- **500**: Internal Server Error

Example Error Responses

```
```json  
// Login failed
{
 "success": false,
```

```

 "message": "Student not found or invalid credentials",
 "errors": ["Student not found or invalid credentials"]
 }

 // Missing authentication
 {
 "success": false,
 "message": "Access token required",
 "errors": ["Access token required"]
 }

 // Invalid transaction ID
 {
 "success": false,
 "message": "Transaction not found",
 "errors": ["Transaction not found or does not belong to this user"]
 }
 ...

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\be\_wismon\_keuangan\package-lock.json**

```

{
 "name": "be_wismon_keuangan",
 "version": "1.0.0",
 "lockfileVersion": 3,
 "requires": true,
 "packages": {
 "": {
 "name": "be_wismon_keuangan",
 "version": "1.0.0",
 "license": "ISC",
 "dependencies": {
 "@types/bcryptjs": "^2.4.6",
 "@types/cors": "^2.8.19",
 "@types/jsonwebtoken": "^9.0.10",
 "bcryptjs": "^3.0.2",
 "cors": "^2.8.5",
 "dotenv": "^16.4.7",
 "express": "^4.21.2",
 "express-rate-limit": "^7.5.1",
 "helmet": "^8.1.0",
 "jsonwebtoken": "^9.0.2",
 "mysql2": "^3.11.5"
 },
 "devDependencies": {
 "@types/express": "^5.0.0",
 "@types/node": "^22.10.2",
 "nodemon": "^3.1.9",
 "ts-node": "^10.9.2",
 "typescript": "^5.7.2"
 }
 },
 "node_modules/@cspotcode/source-map-support": {
 "version": "0.8.1",
 "resolved": "https://registry.npmjs.org/@cspotcode/source-map-support/-/source-map-support-0.8.1.tgz",
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 "license": "MIT",
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}
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 "debug": "2.6.9",
 "depd": "2.0.0",
 "destroy": "1.2.0",
 "http-errors": "2.0.0",
 "iconv-lite": "0.4.24",
 "on-finished": "2.4.1",
 "qs": "6.13.0",
 "raw-body": "2.5.2",
 "type-is": "~1.6.18",
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 "concat-map": "0.0.1"
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 "dev": true,
 "license": "MIT",
 "dependencies": {
 "fill-range": "^7.1.1"
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 "license": "BSD-3-Clause"
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 "function-bind": "^1.1.2"
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 "get-intrinsic": "^1.3.0"
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 "engines": {
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 "url": "https://github.com/sponsors/ljharb"
 }
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 "braces": "~3.0.2",
 "glob-parent": "~5.1.2",
 "is-binary-path": "~2.1.0",
 "is-glob": "~4.0.1",

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 "engines": {
 "node": ">= 0.6"
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"node_modules/content-type": {
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 "license": "MIT",
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```

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 "license": "MIT",
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 "vary": "^1"
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 "license": "MIT",
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 }
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 "license": "MIT",
 "dependencies": {
 "call-bind-apply-helpers": "^1.0.1",
 "es-errors": "^1.3.0",
 "gopd": "^1.2.0"
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 "license": "MIT",
 "dependencies": {
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 "array-flatten": "1.1.1",
 "body-parser": "1.20.3",
 "content-disposition": "0.5.4",
 "content-type": "~1.0.4",
 "cookie": "0.7.1",
 "cookie-signature": "1.0.6",
 "debug": "2.6.9",

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 "depd": "2.0.0",
 "encodeurl": "~2.0.0",
 "escape-html": "~1.0.3",
 "etag": "~1.8.1",
 "finalhandler": "1.3.1",
 "fresh": "0.5.2",
 "http-errors": "2.0.0",
 "merge-descriptors": "1.0.3",
 "methods": "~1.1.2",
 "on-finished": "2.4.1",
 "parseurl": "~1.3.3",
 "path-to-regexp": "0.1.12",
 "proxy-addr": "~2.0.7",
 "qs": "6.13.0",
 "range-parser": "~1.2.1",
 "safe-buffer": "5.2.1",
 "send": "0.19.0",
 "serve-static": "1.16.2",
 "setprototypeof": "1.2.0",
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 "vary": "~1.1.2"
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 "funding": {
 "type": "opencollective",
 "url": "https://opencollective.com/express"
 }
},
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 "license": "MIT",
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 "url": "https://github.com/sponsors/express-rate-limit"
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 "peerDependencies": {
 "express": ">= 4.11"
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 "node": ">= 16"
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 "funding": {
 "url": "https://github.com/sponsors/express-rate-limit"
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 "peerDependencies": {
 "express": ">= 4.11"
 }
}

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"license": "MIT",
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 "encodeurl": "~2.0.0",
 "escape-html": "~1.0.3",
 "on-finished": "2.4.1",
 "parseurl": "~1.3.3",
 "statuses": "2.0.1",
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"engines": {

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 "dev": true,
 "hasInstallScript": true,
 "license": "MIT",
 "optional": true,
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],
 "engines": {
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 }
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 "license": "MIT",
 "funding": {
 "url": "https://github.com/sponsors/ljharb"
 }
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 "license": "MIT",
 "dependencies": {
 "call-bind-apply-helpers": "^1.0.2",
 "es-define-property": "^1.0.1",
 "es-errors": "^1.3.0",
 "es-object-atoms": "^1.1.1",
 "function-bind": "^1.1.2",
 "get-proto": "^1.0.1",
 "gopd": "^1.2.0",
 "has-symbols": "^1.1.0",
 "hasown": "^2.0.2",
 "math-intrinsics": "^1.1.0"
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 "url": "https://github.com/sponsors/ljharb"
 }
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 "version": "1.0.1",

```



```

 "resolved": "https://registry.npmjs.org/get-proto/-/get-proto-1.0.1.tgz",
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 "es-object-atoms": "^1.0.0"
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 "url": "https://github.com/sponsors/ljharb"
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 "funding": {
 "url": "https://github.com/sponsors/ljharb"
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 "license": "MIT",
 "dependencies": {
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 "license": "MIT",
 "dependencies": {
 "depd": "2.0.0",
 "inherits": "2.0.4",
 "setprototypeof": "1.2.0",
 "statuses": "2.0.1",
 "toidentifier": "1.0.1"
 },
 "engines": {
 "node": ">= 0.8"
 }
},
"node_modules/iconv-lite": {
 "version": "0.4.24",
 "resolved": "https://registry.npmjs.org/iconv-lite/-/iconv-lite-0.4.24.tgz",
 "integrity":
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 "license": "MIT",
 "dependencies": {
 "safer-buffer": ">= 2.1.2 < 3"
 },
 "engines": {
 "node": ">=0.10.0"
 }
},
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 "integrity":
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"node_modules/ipaddr.js": {

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"license": "MIT",
"engines": {
"node": ">= 0.10"
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"version": "2.1.0",
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"engines": {
"node": ">=8"
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"license": "MIT",
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"engines": {
"node": ">=0.10.0"
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"dev": true,
"license": "MIT"
}
},

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 "license": "MIT",
 "dependencies": {
 "jws": "^3.2.2",
 "lodash.includes": "^4.3.0",
 "lodash.isboolean": "^3.0.3",
 "lodash.isinteger": "^4.0.4",
 "lodash.isnumber": "^3.0.3",
 "lodash.isplainobject": "^4.0.6",
 "lodash.isstring": "^4.0.1",
 "lodash.once": "^4.0.0",
 "ms": "^2.1.1",
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 "node": ">=12",
 "npm": ">=6"
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 "license": "MIT",
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 "ecdsa-sig-formatter": "1.0.11",
 "safe-buffer": "^5.0.1"
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 "safe-buffer": "^5.0.1"
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 "license": "MIT"
}

```

```

 },
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 "license": "MIT"
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 "license": "MIT"
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 "license": "MIT"
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 "license": "Apache-2.0"
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 "license": "MIT",
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 "deno": ">=1.30.0",
 "node": ">=8.0.0"
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 "type": "github",
 "url": "https://github.com/sponsors/wellwelwel"
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 "integrity":

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 "license": "ISC"
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 "license": "MIT",
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 "node": ">= 0.6"
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 "license": "MIT",
 "funding": {
 "url": "https://github.com/sponsors/sindresorhus"
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},
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 "resolved": "https://registry.npmjs.org/methods/-/methods-1.1.2.tgz",
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 "license": "MIT",
 "engines": {
 "node": ">= 0.6"
 }
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 "license": "MIT",
 "bin": {
 "mime": "cli.js"
 },
 "engines": {
 "node": ">=4"
 }
},
"node_modules/mime-db": {
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 "resolved": "https://registry.npmjs.org/mime-db/-/mime-db-1.52.0.tgz",
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 "license": "MIT",
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 }
}
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```

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 "resolved": "https://registry.npmjs.org/mime-types/-/mime-types-2.1.35.tgz",
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 "license": "MIT",
 "dependencies": {
 "mime-db": "1.52.0"
 },
 "engines": {
 "node": ">= 0.6"
 }
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 "resolved": "https://registry.npmjs.org/minimatch/-/minimatch-3.1.2.tgz",
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 "license": "ISC",
 "dependencies": {
 "brace-expansion": "^1.1.7"
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 "resolved": "https://registry.npmjs.org/mysql2/-/mysql2-3.14.1.tgz",
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 "license": "MIT",
 "dependencies": {
 "aws-ssl-profiles": "^1.1.1",
 "denque": "^2.1.0",
 "generate-function": "^2.3.1",
 "iconv-lite": "^0.6.3",
 "long": "^5.2.1",
 "lru.min": "^1.0.0",
 "named-placeholders": "^1.1.3",
 "seq-queue": "^0.0.5",
 "sqlstring": "^2.3.2"
 },
 "engines": {
 "node": ">= 8.0"
 }
 },
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 "version": "0.6.3",
 "resolved": "https://registry.npmjs.org/iconv-lite/-/iconv-lite-0.6.3.tgz",
 "integrity":
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 "resolved": "https://registry.npmjs.org/safer-buffer/-/safer-buffer-2.1.2.tgz",
 "integrity":
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 }
 },
 "dependencies": {
 "aws-ssl-profiles": "^1.1.1",
 "denque": "^2.1.0",
 "generate-function": "^2.3.1",
 "iconv-lite": "^0.6.3",
 "long": "^5.2.1",
 "lru.min": "^1.0.0",
 "named-placeholders": "^1.1.3",
 "seq-queue": "^0.0.5",
 "sqlstring": "^2.3.2"
 }
}

```

```

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 "license": "MIT",
 "dependencies": {
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 "engines": {
 "node": ">=12.0.0"
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 "resolved": "https://registry.npmjs.org/negotiator/-/negotiator-0.6.3.tgz",
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 "license": "MIT",
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 "node": ">= 0.6"
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 "resolved": "https://registry.npmjs.org/nodemon/-/nodemon-3.1.10.tgz",
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 "dev": true,
 "license": "MIT",
 "dependencies": {
 "chokidar": "^3.5.2",
 "debug": "^4",
 "ignore-by-default": "^1.0.1",
 "minimatch": "^3.1.2",
 "pstree.remy": "^1.1.8",
 "semver": "^7.5.3",
 "simple-update-notifier": "^2.0.0",
 "supports-color": "^5.5.0",
 "touch": "^3.1.0",
 "undefsafe": "^2.0.5"
 },
 "bin": {
 "nodemon": "bin/nodemon.js"
 },
 "engines": {
 "node": ">=10"
 },
 "funding": {
 "type": "opencollective",
 "url": "https://opencollective.com/nodemon"
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 "resolved": "https://registry.npmjs.org/normalize-path/-/normalize-path-3.0.0.tgz",
 "integrity":
"sha512-6eZs5Ls3WtCisHWP9S2GUy8dqkpGi4BVSz3GaqiE6ezub0512ESztXUwUB6C6IKbQkY2Pnb/mD4WYo jCRwcwLA=",
 "dev": true,
 "license": "MIT",
 "engines": {
 "node": ">=0.10.0"
 }
 }

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 "node_modules/object-assign": {
 "version": "4.1.1",
 "resolved": "https://registry.npmjs.org/object-assign/-/object-assign-4.1.1.tgz",
 "integrity":
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 "license": "MIT",
 "engines": {
 "node": ">=0.10.0"
 }
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 "node_modules/object-inspect": {
 "version": "1.13.4",
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 "type": "github",
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 "on-finished": "2.4.1",
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"dependencies": {
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 "@tsconfig/node16": "^1.0.2",
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 "acorn-walk": "^8.1.1",
 "arg": "^4.1.0",
 "create-require": "^1.1.0",
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 "make-error": "^1.1.1",
 "v8-compile-cache-lib": "^3.0.1",
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 "ts-node-cwd": "dist/bin-cwd.js",
 "ts-node-esm": "dist/bin-esm.js",
 "ts-node-script": "dist/bin-script.js",
 "ts-node-transpile-only": "dist/bin-transpile.js",
 "ts-script": "dist/bin-script-deprecated.js"
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 "@types/node": "*",
 "typescript": ">=2.7"
 }
}

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```

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 "mime-types": "~2.1.24"
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 "node_modules/vary": {
 "version": "1.1.2",
 "resolved": "https://registry.npmjs.org/vary/-/vary-1.1.2.tgz",
 "integrity":
"sha512-BNGbWLfd0eUPabhkXUVm0j8uuvREyTh5ovRa/dyow/BqAbZJyC+5fU+IzQOzmAKzYqYRAISoRhdQr3eIZ/PXqg==",
 "license": "MIT",
 "engines": {
 "node": ">= 0.8"
 }
 },
 "node_modules/yn": {
 "version": "3.1.1",
 "resolved": "https://registry.npmjs.org/yn/-/yn-3.1.1.tgz",
 "integrity":
"sha512-Ux4ygGWSu2c7isFWe8YulYluJmqVhxqK2cLXNQA5AcC3QfbGNpM7fu0Y8b/zl6pXLnFxZYvWhd3fhBY9DLmC6Q==",
 "dev": true,
 "license": "MIT",
 "engines": {
 "node": ">=6"
 }
 }
}

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\be\_wismon\_keuangan\package.json**

```

{
 "name": "be_wismon_keuangan",
 "version": "1.0.0",
 "description": "Backend API for Wismon Keuangan - Financial Management System",
 "main": "dist/index.js",
 "scripts": {
 "build": "tsc",
 "start": "node dist/index.js",
 "dev": "nodemon src/index.ts",
 "dev:watch": "nodemon --exec ts-node src/index.ts",
 "clean": "rimraf dist",
 "test": "echo \"Error: no test specified\" && exit 1"
 },
 "keywords": [
 "nodejs",
 "typescript",
 "express",
 "api",
 "financial",
 "management"
],
 "author": "",

```

```

"license": "ISC",
"dependencies": {
 "@types/bcryptjs": "^2.4.6",
 "@types/cors": "^2.8.19",
 "@types/jsonwebtoken": "^9.0.10",
 "bcryptjs": "^3.0.2",
 "cors": "^2.8.5",
 "dotenv": "^16.4.7",
 "express": "^4.21.2",
 "express-rate-limit": "^7.5.1",
 "helmet": "^8.1.0",
 "jsonwebtoken": "^9.0.2",
 "mysql2": "^3.11.5"
},
"devDependencies": {
 "@types/express": "^5.0.0",
 "@types/node": "^22.10.2",
 "nodemon": "^3.1.9",
 "ts-node": "^10.9.2",
 "typescript": "^5.7.2"
}
}

```

## **File: D:\Android\sso\_wis\_wismon\_nodejs\be\_wismon\_keuangan\README.md**

# Wismon Keuangan Backend API

Backend API for Wismon Keuangan - Financial Management System built with Node.js, TypeScript, and Express.js.

## 📄 Getting Started

### Prerequisites

- Node.js (v16 or higher)
- npm or yarn package manager

### Installation

1. Navigate to the backend directory:

```

```bash
cd be_wismon_keuangan
```

```

2. Install dependencies:

```

```bash
npm install
```

```

### Development

Start the development server with hot reload:

```

```bash
npm run dev
```

```

The server will start on `http://localhost:3000`

### Available Scripts

- `npm run dev` - Start development server with nodemon
- `npm run dev:watch` - Start development server with ts-node

- `npm run build` - Build the project for production
- `npm run start` - Start the production server
- `npm run clean` - Remove build artifacts

### ### API Endpoints

- `GET /` - Welcome message and API status
- `GET /health` - Health check endpoint

### ## 🧰 Tech Stack

- **\*\*Runtime\*\***: Node.js
- **\*\*Language\*\***: TypeScript
- **\*\*Framework\*\***: Express.js
- **\*\*Development\*\***: nodemon, ts-node

### ## 📁 Project Structure

```

`
be_wismon_keuangan/
├── src/
│ ├── index.ts # Application entry point
│ └── dist/ # Compiled JavaScript (after build)
├── package.json
├── tsconfig.json
└── README.md
`

```

### ## 🛠 Configuration

The application uses the following configuration:

- Port: 3000 (default) or `PORT` environment variable
- TypeScript target: ES2022
- Module system: CommonJS

### ## 📝 Development Notes

- Source files are located in the `src/` directory
- Compiled files are output to the `dist/` directory
- The development server automatically restarts when files change
- Strict TypeScript configuration is enabled for better code quality

### **File: D:\Android\sso\_wis\_wismon\_nodejs\be\_wismon\_keuangan\tsconfig.json**

```

{
 "compilerOptions": {
 /* Visit https://aka.ms/tsconfig to read more about this file */

 /* Projects */
 // "incremental": true, /* Save .tsbuildinfo files to allow for incremental
 compilation of projects. */
 // "composite": true, /* Enable constraints that allow a TypeScript project
 to be used with project references. */
 // "tsBuildInfoFile": "./.tsbuildinfo", /* Specify the path to .tsbuildinfo incremental
 compilation file. */
 // "disableSourceOfProjectReferenceRedirect": true, /* Disable preferring source files instead of
 declaration files when referencing composite projects. */
 // "disableSolutionSearching": true, /* Opt a project out of multi-project reference
 checking when editing. */
 // "disableReferencedProjectLoad": true, /* Reduce the number of projects loaded automatically
 by TypeScript. */

 /* Language and Environment */

```

```

 "target": "ES2022" /* Set the JavaScript language version for emitted JavaScript and include compatible
library declarations. */,
 "lib": [
 "ES2022"
] /* Specify a set of bundled library declaration files that describe the target runtime environment. */,
 // "jsx": "preserve", /* Specify what JSX code is generated. */
 // "libReplacement": true, /* Enable lib replacement. */
 // "experimentalDecorators": true, /* Enable experimental support for legacy experimental
decorators. */
 // "emitDecoratorMetadata": true, /* Emit design-type metadata for decorated
declarations in source files. */
 // "jsxFactory": "", /* Specify the JSX factory function used when
targeting React JSX emit, e.g. 'React.createElement' or 'h'. */
 // "jsxFragmentFactory": "", /* Specify the JSX Fragment reference used for
fragments when targeting React JSX emit e.g. 'React.Fragment' or 'Fragment'. */
 // "jsxImportSource": "", /* Specify module specifier used to import the JSX
factory functions when using 'jsx: react-jsx*'. */
 // "reactNamespace": "", /* Specify the object invoked for 'createElement'.
This only applies when targeting 'react' JSX emit. */
 // "noLib": true, /* Disable including any library files, including the
default lib.d.ts. */
 // "useDefineForClassFields": true, /* Emit ECMAScript-standard-compliant class fields. */
 // "moduleDetection": "auto", /* Control what method is used to detect module-format
JS files. */

 /* Modules */
 "module": "commonjs" /* Specify what module code is generated. */,
 "rootDir": "./src" /* Specify the root folder within your source files. */,
 "moduleResolution": "noden0" /* Specify how TypeScript looks up a file from a given module specifier. */,
 "baseUrl": "." /* Specify the base directory to resolve non-relative module names. */,
 "paths": {
 "@/*": ["src/*"]
 } /* Specify a set of entries that re-map imports to additional lookup locations. */,
 // "rootDirs": [], /* Allow multiple folders to be treated as one when
resolving modules. */
 // "typeRoots": [], /* Specify multiple folders that act like
'./node_modules/@types'. */
 // "types": [], /* Specify type package names to be included without
being referenced in a source file. */
 // "allowUmdGlobalAccess": true, /* Allow accessing UMD globals from modules. */
 // "moduleSuffixes": [], /* List of file name suffixes to search when resolving
a module. */
 // "allowImportingTsExtensions": true, /* Allow imports to include TypeScript file
extensions. Requires '--moduleResolution bundler' and either '--noEmit' or '--emitDeclarationOnly' to be set.
*/
 // "rewriteRelativeImportExtensions": true, /* Rewrite '.ts', '.tsx', '.mts', and '.cts' file
extensions in relative import paths to their JavaScript equivalent in output files. */
 // "resolvePackageJsonExports": true, /* Use the package.json 'exports' field when resolving
package imports. */
 // "resolvePackageJsonImports": true, /* Use the package.json 'imports' field when resolving
imports. */
 // "customConditions": [], /* Conditions to set in addition to the
resolver-specific defaults when resolving imports. */
 // "noUncheckedSideEffectImports": true, /* Check side effect imports. */
 "resolveJsonModule": true /* Enable importing .json files. */,
 // "allowArbitraryExtensions": true, /* Enable importing files with any extension, provided
a declaration file is present. */
 // "noResolve": true, /* Disallow 'import's, 'require's or '<reference>'s
from expanding the number of files TypeScript should add to a project. */

 /* JavaScript Support */
 // "allowJs": true, /* Allow JavaScript files to be a part of your
program. Use the 'checkJS' option to get errors from these files. */
 // "checkJs": true, /* Enable error reporting in type-checked JavaScript
files. */
 // "maxNodeModuleJsDepth": 1, /* Specify the maximum folder depth used for checking

```

JavaScript files from 'node\_modules'. Only applicable with 'allowJs'. \*/

```
/* Emit */
// "declaration": true, /* Generate .d.ts files from TypeScript and JavaScript
files in your project. */
// "declarationMap": true, /* Create sourcemaps for d.ts files. */
// "emitDeclarationOnly": true, /* Only output d.ts files and not JavaScript files. */
// "sourceMap": true, /* Create source map files for emitted JavaScript
files. */
// "inlineSourceMap": true, /* Include sourcemap files inside the emitted
JavaScript. */
// "noEmit": true, /* Disable emitting files from a compilation. */
// "outFile": "./", /* Specify a file that bundles all outputs into one
JavaScript file. If 'declaration' is true, also designates a file that bundles all .d.ts output. */
"outDir": "./dist" /* Specify an output folder for all emitted files. */,
"removeComments": true /* Disable emitting comments. */,
// "importHelpers": true, /* Allow importing helper functions from tslib once
per project, instead of including them per-file. */
// "downlevelIteration": true, /* Emit more compliant, but verbose and less
performant JavaScript for iteration. */
// "sourceRoot": "", /* Specify the root path for debuggers to find the
reference source code. */
// "mapRoot": "", /* Specify the location where debugger should locate
map files instead of generated locations. */
// "inlineSources": true, /* Include source code in the sourcemaps inside the
emitted JavaScript. */
// "emitBOM": true, /* Emit a UTF-8 Byte Order Mark (BOM) in the beginning
of output files. */
// "newline": "crlf", /* Set the newline character for emitting files. */
// "stripInternal": true, /* Disable emitting declarations that have '@internal'
in their JSDoc comments. */
// "noEmitHelpers": true, /* Disable generating custom helper functions like
'__extends' in compiled output. */
// "noEmitOnError": true, /* Disable emitting files if any type checking errors
are reported. */
// "preserveConstEnums": true, /* Disable erasing 'const enum' declarations in
generated code. */
// "declarationDir": "./", /* Specify the output directory for generated
declaration files. */

/* Interop Constraints */
// "isolatedModules": true, /* Ensure that each file can be safely transpiled
without relying on other imports. */
// "verbatimModuleSyntax": true, /* Do not transform or elide any imports or exports
not marked as type-only, ensuring they are written in the output file's format based on the 'module' setting.
*/
// "isolatedDeclarations": true, /* Require sufficient annotation on exports so other
tools can trivially generate declaration files. */
// "erasableSyntaxOnly": true, /* Do not allow runtime constructs that are not part
of ECMAScript. */
// "allowSyntheticDefaultImports": true, /* Allow 'import x from y' when a module doesn't have
a default export. */
"esModuleInterop": true /* Emit additional JavaScript to ease support for importing CommonJS modules. This
enables 'allowSyntheticDefaultImports' for type compatibility. */,
// "preserveSymlinks": true, /* Disable resolving symlinks to their realpath. This
correlates to the same flag in node. */
"forceConsistentCasingInFileNames": true /* Ensure that casing is correct in imports. */,

/* Type Checking */
"strict": true /* Enable all strict type-checking options. */,
"noImplicitAny": true /* Enable error reporting for expressions and declarations with an implied 'any'
type. */,
"strictNullChecks": true /* When type checking, take into account 'null' and 'undefined'. */,
"strictFunctionTypes": true /* When assigning functions, check to ensure parameters and the return values
are subtype-compatible. */,
// "strictBindCallApply": true, /* Check that the arguments for 'bind', 'call', and
```

```

'apply' methods match the original function. */
// "strictPropertyInitialization": true, /* Check for class properties that are declared but
not set in the constructor. */
// "strictBuiltinIteratorReturn": true, /* Built-in iterators are instantiated with a
'TReturn' type of 'undefined' instead of 'any'. */
// "noImplicitThis": true, /* Enable error reporting when 'this' is given the
type 'any'. */
// "useUnknownInCatchVariables": true, /* Default catch clause variables as 'unknown' instead
of 'any'. */
// "alwaysStrict": true, /* Ensure 'use strict' is always emitted. */
// "noUnusedLocals": true, /* Enable error reporting when local variables aren't
read. */
// "noUnusedParameters": true, /* Raise an error when a function parameter isn't
read. */
// "exactOptionalPropertyTypes": true, /* Interpret optional property types as written,
rather than adding 'undefined'. */
"noImplicitReturns": true /* Enable error reporting for codepaths that do not explicitly return in a
function. */,
"noFallthroughCasesInSwitch": true /* Enable error reporting for fallthrough cases in switch statements.
*/,
"noUncheckedIndexedAccess": true /* Add 'undefined' to a type when accessed using an index. */,
// "noImplicitOverride": true, /* Ensure overriding members in derived classes are
marked with an override modifier. */
// "noPropertyAccessFromIndexSignature": true, /* Enforces using indexed accessors for keys declared
using an indexed type. */
// "allowUnusedLabels": true, /* Disable error reporting for unused labels. */
// "allowUnreachableCode": true, /* Disable error reporting for unreachable code. */

/* Completeness */
// "skipDefaultLibCheck": true, /* Skip type checking .d.ts files that are included
with TypeScript. */
"skipLibCheck": true /* Skip type checking all .d.ts files. */
},
"include": ["src/**/*"],
"exclude": ["node_modules", "dist", "**/*.test.ts", "**/*.spec.ts"]
}

```

# **File: D:\Android\sso\_wis\_wismon\_nodejs\be\_wismon\_keuangan\src\index.ts**

```

import express from "express";
import cors from "cors";
import dotenv from "dotenv";
import { testConnections } from "../config/database";
import authRoutes from "../routes/authRoutes";
import paymentRoutes from "../routes/paymentRoutes";

// Load environment variables
dotenv.config();

const app = express();
const PORT = process.env.PORT || 3000;
const CORS_ORIGIN = process.env.CORS_ORIGIN || "http://localhost:3000";

// Middleware - Allow multiple origins for development
const allowedOrigins = [
 "http://localhost:3000",
 "http://localhost:8080",
 "http://localhost:54128",
 /^http:\/\/localhost:\d+$/, // Allow any localhost port
];

app.use(
 cors({
 origin: (origin, callback) => {

```

```

// Allow requests with no origin (like mobile apps or curl requests)
if (!origin) return callback(null, true);

// Check if origin is in allowed list or matches localhost pattern
const isAllowed = allowedOrigins.some((allowedOrigin) => {
 if (typeof allowedOrigin === "string") {
 return allowedOrigin === origin;
 } else {
 return allowedOrigin.test(origin);
 }
});

if (isAllowed) {
 callback(null, true);
} else {
 callback(new Error("Not allowed by CORS"));
}
},
credentials: true,
methods: ["GET", "POST", "PUT", "DELETE", "OPTIONS"],
allowedHeaders: ["Content-Type", "Authorization"],
}))
);
app.use(express.json({ limit: "10mb" }));
app.use(express.urlencoded({ extended: true, limit: "10mb" }));

// Request logging middleware
app.use((req, res, next) => {
 console.log(`${new Date().toISOString()} - ${req.method} ${req.path}`);
 next();
});

// Routes
app.use("/api/auth", authRoutes);
app.use("/api/payments", paymentRoutes);

// Health check endpoint
app.get("/health", (req, res) => {
 res.json({
 status: "healthy",
 uptime: process.uptime(),
 timestamp: new Date().toISOString(),
 environment: process.env.NODE_ENV || "development",
 });
});

// Basic route
app.get("/", (req, res) => {
 res.json({
 message: "Wismon Keuangan Backend API",
 status: "running",
 timestamp: new Date().toISOString(),
 version: "1.0.0",
 endpoints: {
 auth: {
 login: "POST /api/auth/login",
 profile: "GET /api/auth/profile",
 verify: "POST /api/auth/verify",
 },
 payments: {
 history: "GET /api/payments/history",
 summary: "GET /api/payments/summary",
 detail: "GET /api/payments/detail/:id",
 refresh: "POST /api/payments/refresh",
 types: "GET /api/payments/types",
 },
 },
 });
});

```

```

 },
 });
});

// Error handling middleware
app.use(
 (
 error: any,
 req: express.Request,
 res: express.Response,
 next: express.NextFunction
) => {
 console.error("Unhandled error:", error);
 res.status(500).json({
 success: false,
 message: "Internal server error",
 errors: [
 process.env.NODE_ENV === "development"
 ? error.message
 : "Something went wrong",
],
 });
 }
);

// 404 handler
app.use("*", (req, res) => {
 res.status(404).json({
 success: false,
 message: "Endpoint not found",
 errors: [`${req.method} ${req.originalUrl} not found`],
 });
});

// Start server function
async function startServer() {
 try {
 console.log("🚀 Starting Wismon Keuangan Backend Server...");
 console.log(`🌐 Environment: ${process.env.NODE_ENV || "development"}`);

 // Test database connections
 console.log("🧪 Testing database connections...");
 const dbResults = await testConnections();

 const successCount = Object.values(dbResults).filter(Boolean).length;
 const totalCount = Object.keys(dbResults).length;

 if (successCount === totalCount) {
 console.log("🎉 All database connections successful!");
 } else {
 console.log(
 `🧪 ${successCount}/${totalCount} database connections successful`
);
 console.log("Database connection results:", dbResults);
 }
 }

 // Start the server
 app.listen(PORT, () => {
 console.log("🎉 Server started successfully!");
 console.log(`🌐 API endpoint: http://localhost:${PORT}`);
 console.log(`📖 API documentation: http://localhost:${PORT}`);
 console.log(`🏥 Health check: http://localhost:${PORT}/health`);
 console.log("");
 console.log("Available Endpoints:");
 console.log(" Authentication:");
 console.log(" POST /api/auth/login - Student login");
 });
}

```



```

 console.log(" GET /api/auth/profile - Get student profile");
 console.log(" POST /api/auth/verify - Verify JWT token");
 console.log(" Payments:");
 console.log(
 " GET /api/payments/history - Payment history with filters"
);
 console.log(" GET /api/payments/summary - Payment summary/recap");
 console.log(" GET /api/payments/detail/:id - Transaction details");
 console.log(" POST /api/payments/refresh - Refresh payment data");
 console.log(
 " GET /api/payments/types - Available payment types"
);
 console.log("");
 console.log("¿ Ready to accept requests!");
 });
} catch (error) {
 console.error("¿ Failed to start server:", error);
 process.exit(1);
}
}

// Handle graceful shutdown
process.on("SIGTERM", () => {
 console.log("¿ SIGTERM received. Shutting down gracefully...");
 process.exit(0);
});

process.on("SIGINT", () => {
 console.log("¿ SIGINT received. Shutting down gracefully...");
 process.exit(0);
});

// Handle unhandled promise rejections
process.on("unhandledRejection", (reason, promise) => {
 console.error("¿ Unhandled Rejection at:", promise, "reason:", reason);
 process.exit(1);
});

// Start the server
startServer();

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\be\_wismon\_keuangan\src\config\database.ts**

```

import mysql from "mysql2/promise";
import dotenv from "dotenv";

dotenv.config();

export interface DatabaseConfig {
 host: string;
 port: number;
 user: string;
 password: string;
 database: string;
 connectionLimit: number;
 acquireTimeout: number;
 timeout: number;
}

// SSO Database Configuration
const ssoDbConfig: DatabaseConfig = {
 host: process.env.DB_SSO_HOST || "127.0.0.1",
 port: parseInt(process.env.DB_SSO_PORT || "3306"),
 user: process.env.DB_SSO_USER || "root",

```

```

password: process.env.DB_SSO_PASSWORD || "",
database: process.env.DB_SSO_NAME || "wirahusada_sso",
connectionLimit: 10,
acquireTimeout: 60000,
timeout: 60000,
};

// WIS Database Configuration
const wisDbConfig: DatabaseConfig = {
 host: process.env.DB_WIS_HOST || "127.0.0.1",
 port: parseInt(process.env.DB_WIS_PORT || "3306"),
 user: process.env.DB_WIS_USER || "root",
 password: process.env.DB_WIS_PASSWORD || "",
 database: process.env.DB_WIS_NAME || "wirahusada_wis",
 connectionLimit: 10,
 acquireTimeout: 60000,
 timeout: 60000,
};

// WISMON Database Configuration
const wismonDbConfig: DatabaseConfig = {
 host: process.env.DB_WISMON_HOST || "127.0.0.1",
 port: parseInt(process.env.DB_WISMON_PORT || "3306"),
 user: process.env.DB_WISMON_USER || "root",
 password: process.env.DB_WISMON_PASSWORD || "",
 database: process.env.DB_WISMON_NAME || "wirahusada_wismon",
 connectionLimit: 10,
 acquireTimeout: 60000,
 timeout: 60000,
};

// Create connection pools
export const ssoPool = mysql.createPool(ssoDbConfig);
export const wisPool = mysql.createPool(wisDbConfig);
export const wismonPool = mysql.createPool(wismonDbConfig);

// Test database connections
export const testConnections = async () => {
 const results = {
 sso: false,
 wis: false,
 wismon: false,
 };

 try {
 const ssoConnection = await ssoPool.getConnection();
 console.log("❗ SSO Database connected successfully");
 console.log(
 `❗ SSO Connected to: ${ssoDbConfig.host}:${ssoDbConfig.port}/${ssoDbConfig.database}`
);
 ssoConnection.release();
 results.sso = true;
 } catch (error) {
 console.error("❗ SSO Database connection failed:", error);
 }

 try {
 const wisConnection = await wisPool.getConnection();
 console.log("❗ WIS Database connected successfully");
 console.log(
 `❗ WIS Connected to: ${wisDbConfig.host}:${wisDbConfig.port}/${wisDbConfig.database}`
);
 wisConnection.release();
 results.wis = true;
 } catch (error) {
 console.error("❗ WIS Database connection failed:", error);
 }

```

```

 }

 try {
 const wismonConnection = await wismonPool.getConnection();
 console.log("¿ WISMON Database connected successfully");
 console.log(
 `¿ WISMON Connected to: ${wismonDbConfig.host}:${wismonDbConfig.port}/${wismonDbConfig.database}`
);
 wismonConnection.release();
 results.wismon = true;
 } catch (error) {
 console.error("¿ WISMON Database connection failed:", error);
 }

 return results;
};

// Execute query helper functions
export const executeSsoQuery = async (query: string, params?: any[]) => {
 try {
 const [results] = await ssoPool.execute(query, params);
 return results;
 } catch (error) {
 console.error("SSO Database query error:", error);
 throw error;
 }
};

export const executeWisQuery = async (query: string, params?: any[]) => {
 try {
 const [results] = await wisPool.execute(query, params);
 return results;
 } catch (error) {
 console.error("WIS Database query error:", error);
 throw error;
 }
};

export const executeWismonQuery = async (query: string, params?: any[]) => {
 console.log("¿¿ WISMON DB - Executing query:", {
 query: query.replace(/\s+/g, " ").trim(),
 params,
 paramsTypes: params?.map((p) => ({ value: p, type: typeof p })),
 timestamp: new Date().toISOString(),
 });

 try {
 const [results] = await wismonPool.execute(query, params);

 console.log("¿¿ WISMON DB - Query successful:", {
 resultCount: Array.isArray(results) ? results.length : "Not array",
 resultType: typeof results,
 firstResult: Array.isArray(results) ? results[0] : results,
 });

 return results;
 } catch (error) {
 console.error("¿¿ WISMON DB - Query error:", {
 error,
 query: query.replace(/\s+/g, " ").trim(),
 params,
 errorMessage: error instanceof Error ? error.message : "Unknown error",
 });
 throw error;
 }
};

```

```
// Export pools for direct access if needed
export { ssoDbConfig, wisDbConfig, wismonDbConfig };

// Keep backward compatibility
export const pool = ssoPool; // Default to SSO for auth
export const executeQuery = executeSsoQuery;
```

## File:

**D:\Android\sso\_wis\_wismon\_nodejs\be\_wismon\_keuangan\src\controllers\authController.ts**

```
import { Request, Response } from "express";
import { AuthService } from "../services/authService";
import { ApiResponse, LoginRequest } from "../types";

const authService = new AuthService();

export class AuthController {
 /**
 * POST /auth/login
 * Login endpoint for students
 */
 async login(req: Request, res: Response): Promise<void> {
 console.log("% AUTH LOGIN - Request received:", {
 body: req.body,
 headers: req.headers,
 timestamp: new Date().toISOString(),
 });

 try {
 const { namam_nim, nrm }: LoginRequest = req.body;

 console.log("% AUTH LOGIN - Extracted credentials:", {
 namam_nim,
 nrm,
 namam_nim_type: typeof namam_nim,
 nrm_type: typeof nrm,
 });

 if (!namam_nim || !nrm) {
 console.log("% AUTH LOGIN - Missing credentials");
 res.status(400).json({
 success: false,
 message: "Student name/NIM and NRM are required",
 errors: ["namam_nim and nrm fields are required"],
 } as ApiResponse);
 return;
 }

 console.log("% AUTH LOGIN - Attempting authentication...");
 const loginResult = await authService.login({ namam_nim, nrm });

 console.log("% AUTH LOGIN - Authentication successful:", {
 hasToken: !!loginResult.token,
 userNrm: loginResult.user?.nrm,
 userNim: loginResult.user?.nim,
 });

 res.status(200).json({
 success: true,
 message: "Login successful",
 data: loginResult,
 } as ApiResponse);
 }
 }
}
```

```

 } catch (error) {
 console.error("❌ AUTH LOGIN - Error:", error);

 const errorMessage =
 error instanceof Error ? error.message : "Login failed";
 const statusCode =
 errorMessage.includes("not found") || errorMessage.includes("invalid")
 ? 401
 : 500;

 res.status(statusCode).json({
 success: false,
 message: errorMessage,
 errors: [errorMessage],
 } as ApiResponse);
 }
}

/**
 * GET /auth/profile
 * Get current user profile (requires authentication)
 */
async getProfile(req: Request, res: Response): Promise<void> {
 try {
 const user = (req as any).user; // Set by authenticateToken middleware

 if (!user || !user.nrm) {
 res.status(401).json({
 success: false,
 message: "Authentication required",
 errors: ["User not found in request"],
 } as ApiResponse);
 return;
 }

 const student = await authService.getStudentProfile(user.nrm);

 if (!student) {
 res.status(404).json({
 success: false,
 message: "Student profile not found",
 errors: ["Student data not found"],
 } as ApiResponse);
 return;
 }

 res.status(200).json({
 success: true,
 message: "Profile retrieved successfully",
 data: {
 nrm: student.nrm,
 nim: student.nim,
 namam: student.namam,
 tgdaftar: student.tgdaftar,
 tplahir: student.tplahir,
 },
 } as ApiResponse);
 } catch (error) {
 console.error("Get profile error:", error);

 res.status(500).json({
 success: false,
 message: "Failed to retrieve profile",
 errors: [error instanceof Error ? error.message : "Unknown error"],
 } as ApiResponse);
 }
}

```

```

}

/**
 * POST /auth/verify
 * Verify JWT token
 */
async verifyToken(req: Request, res: Response): Promise<void> {
 try {
 const user = (req as any).user; // Set by authenticateToken middleware

 res.status(200).json({
 success: true,
 message: "Token is valid",
 data: {
 nrm: user.nrm,
 nim: user.nim,
 namam: user.namam,
 },
 } as ApiResponse);
 } catch (error) {
 res.status(401).json({
 success: false,
 message: "Invalid token",
 errors: ["Token verification failed"],
 } as ApiResponse);
 }
}
}

```

#### File:

**D:\Android\sso\_wis\_wismon\_nodejs\be\_wismon\_keuangan\src\controllers\paymentController.ts**

```

import { Request, Response } from "express";
import { PaymentService } from "../services/paymentService";
import { ApiResponse, PaymentHistoryQuery } from "../types";

const paymentService = new PaymentService();

export class PaymentController {
 /**
 * GET /payments/history
 * Get payment history with filtering and pagination
 */
 async getPaymentHistory(req: Request, res: Response): Promise<void> {
 console.log(`${PAYMENT HISTORY} - Request received:`, {
 query: req.query,
 timestamp: new Date().toISOString(),
 });

 try {
 const user = (req as any).user; // Set by authenticateToken middleware

 console.log(`${PAYMENT HISTORY} - User from token:`, {
 nrm: user?.nrm,
 nrm_type: typeof user?.nrm,
 hasUser: !!user,
 });

 if (!user || !user.nrm) {
 console.log(`${PAYMENT HISTORY} - Authentication failed`);
 res.status(401).json({
 success: false,
 message: "Authentication required",
 });
 }
 }
 }
}

```

```

 errors: ["User not found in request"],
 } as ApiResponse);
 return;
}

// Parse query parameters
const filters: PaymentHistoryQuery = {
 page: parseInt(req.query.page as string) || 1,
 limit: parseInt(req.query.limit as string) || 20,
 startDate: req.query.startDate as string,
 endDate: req.query.endDate as string,
 type: req.query.type as string,
 sortBy:
 (req.query.sortBy as "tanggal" | "jumlah" | "type") || "tanggal",
 sortOrder: (req.query.sortOrder as "asc" | "desc") || "desc",
};

console.log(`% PAYMENT HISTORY - Parsed filters:`, {
 filters,
 userNrm: user.nrm,
 userNrmType: typeof user.nrm,
});

console.log(`% PAYMENT HISTORY - Calling service...`);
const result = await paymentService.getPaymentHistory(user.nrm, filters);

console.log(`% PAYMENT HISTORY - Service result:`, {
 dataCount: result.data.length || 0,
 total: result.total,
 page: result.page,
 limit: result.limit,
 firstItem: result.data[0],
});

res.status(200).json({
 success: true,
 message: "Payment history retrieved successfully",
 data: result,
} as ApiResponse);
} catch (error) {
 console.error(`% PAYMENT HISTORY - Error:`, error);

 res.status(500).json({
 success: false,
 message: "Failed to retrieve payment history",
 errors: [error instanceof Error ? error.message : "Unknown error"],
 } as ApiResponse);
}
}

/**
 * GET /payments/summary
 * Get payment summary/recapitulation
 */
async getPaymentSummary(req: Request, res: Response): Promise<void> {
 try {
 const user = (req as any).user; // Set by authenticateToken middleware

 if (!user || !user.nrm) {
 res.status(401).json({
 success: false,
 message: "Authentication required",
 errors: ["User not found in request"],
 } as ApiResponse);
 return;
 }
 }
}

```

```

const summary = await paymentService.getPaymentSummary(user.nrm);

res.status(200).json({
 success: true,
 message: "Payment summary retrieved successfully",
 data: summary,
} as ApiResponse);
} catch (error) {
 console.error("Get payment summary error:", error);

 res.status(500).json({
 success: false,
 message: "Failed to retrieve payment summary",
 errors: [error instanceof Error ? error.message : "Unknown error"],
 } as ApiResponse);
}
}

/**
 * GET /payments/detail/:id
 * Get detailed transaction information
 */
async getTransactionDetail(req: Request, res: Response): Promise<void> {
 try {
 const user = (req as any).user; // Set by authenticateToken middleware
 const transactionId = req.params.id;

 if (!user || !user.nrm) {
 res.status(401).json({
 success: false,
 message: "Authentication required",
 errors: ["User not found in request"],
 } as ApiResponse);
 return;
 }

 if (!transactionId) {
 res.status(400).json({
 success: false,
 message: "Transaction ID is required",
 errors: ["Transaction ID parameter is missing"],
 } as ApiResponse);
 return;
 }

 const detail = await paymentService.getTransactionDetail(
 transactionId,
 user.nrm
);

 if (!detail) {
 res.status(404).json({
 success: false,
 message: "Transaction not found",
 errors: ["Transaction not found or does not belong to this user"],
 } as ApiResponse);
 return;
 }

 res.status(200).json({
 success: true,
 message: "Transaction detail retrieved successfully",
 data: detail,
 } as ApiResponse);
 } catch (error) {

```



```

 console.error("Get transaction detail error:", error);

 res.status(500).json({
 success: false,
 message: "Failed to retrieve transaction detail",
 errors: [error instanceof Error ? error.message : "Unknown error"],
 } as ApiResponse);
 }
}

/**
 * POST /payments/refresh
 * Refresh payment data
 */
async refreshPaymentData(req: Request, res: Response): Promise<void> {
 try {
 const user = (req as any).user; // Set by authenticateToken middleware

 if (!user || !user.nrm) {
 res.status(401).json({
 success: false,
 message: "Authentication required",
 errors: ["User not found in request"],
 } as ApiResponse);
 return;
 }

 const refreshed = await paymentService.refreshPaymentData(user.nrm);

 if (refreshed) {
 res.status(200).json({
 success: true,
 message: "Payment data refreshed successfully",
 data: { refreshed: true },
 } as ApiResponse);
 } else {
 res.status(400).json({
 success: false,
 message: "Failed to refresh payment data",
 errors: ["No payment data found for this user"],
 } as ApiResponse);
 }
 } catch (error) {
 console.error("Refresh payment data error:", error);

 res.status(500).json({
 success: false,
 message: "Failed to refresh payment data",
 errors: [error instanceof Error ? error.message : "Unknown error"],
 } as ApiResponse);
 }
}

/**
 * GET /payments/types
 * Get available payment types for filtering
 */
async getPaymentTypes(req: Request, res: Response): Promise<void> {
 console.log(`${PAYMENT TYPES} - Request received:`, {
 timestamp: new Date().toISOString(),
 });

 try {
 console.log(`${PAYMENT TYPES} - Calling service...`);
 const paymentTypes = await paymentService.getPaymentTypes();
 }
}

```

```

 console.log("⚡ PAYMENT TYPES - Service result:", {
 count: paymentTypes.length || 0,
 types: paymentTypes,
 });

 res.status(200).json({
 success: true,
 message: "Payment types retrieved successfully",
 data: paymentTypes,
 } as ApiResponse);
 } catch (error) {
 console.error("⚡ PAYMENT TYPES - Error:", error);

 res.status(500).json({
 success: false,
 message: "Failed to retrieve payment types",
 errors: [error instanceof Error ? error.message : "Unknown error"],
 } as ApiResponse);
 }
}
}
}

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\be\_wismon\_keuangan\src\routes\authRoutes.ts**

```

import { Router } from "express";
import { AuthController } from "../controllers/authController";
import { authenticateToken } from "../utils/auth";

const router = Router();
const authController = new AuthController();

// Public routes
router.post("/login", authController.login.bind(authController));

// Protected routes (require authentication)
router.get(
 "/profile",
 authenticateToken,
 authController.getProfile.bind(authController)
);
router.post(
 "/verify",
 authenticateToken,
 authController.verifyToken.bind(authController)
);

export default router;

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\be\_wismon\_keuangan\src\routes\paymentRoutes.ts**

```

import { Router } from "express";
import { PaymentController } from "../controllers/paymentController";
import { authenticateToken } from "../utils/auth";

const router = Router();
const paymentController = new PaymentController();

// All payment routes require authentication
router.use(authenticateToken);

// Payment history with filtering and pagination
router.get(
 "/history",

```

```

 paymentController.getPaymentHistory.bind(paymentController)
);

 // Payment summary/recapitulation
 router.get(
 "/summary",
 paymentController.getPaymentSummary.bind(paymentController)
);

 // Transaction detail
 router.get(
 "/detail/:id",
 paymentController.getTransactionDetail.bind(paymentController)
);

 // Refresh payment data
 router.post(
 "/refresh",
 paymentController.refreshPaymentData.bind(paymentController)
);

 // Get payment types for filtering
 router.get("/types", paymentController.getPaymentTypes.bind(paymentController));

 export default router;

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\be\_wismon\_keuangan\src\services\authService.ts**

```

import { executeSsoQuery, executeWisQuery } from "../config/database";
import { User, Student, LoginRequest, LoginResponse } from "../types";
import { generateToken } from "../utils/auth";

export class AuthService {
 /**
 * Find student by name or NIM and NRM
 */
 async findStudent(namam_nim: string, nrm: string): Promise<Student | null> {
 try {
 // Try to find student by NIM first
 let query = `
 SELECT nrm, nim, namam, tgdaftar, tplahir, kdagama
 FROM mahasiswa
 WHERE nim = ? AND nrm = ?
 `;
 let results = (await executeWisQuery(query, [namam_nim, nrm])) as any[];

 if (results.length > 0) {
 return results[0] as Student;
 }

 // If not found by NIM, try by student name (exact match, case-insensitive)
 query = `
 SELECT nrm, nim, namam, tgdaftar, tplahir, kdagama
 FROM mahasiswa
 WHERE LOWER(namam) = LOWER(?) AND nrm = ?
 `;
 results = (await executeWisQuery(query, [namam_nim, nrm])) as any[];

 if (results.length > 0) {
 return results[0] as Student;
 }

 // Try with spaces removed (for cases like "HanikZaimatusSholichah" vs "Hanik Zaimatus Sholichah")
 // But still exact match after removing spaces

```

```

const namam_nim_no_spaces = namam_nim.replace(/\s+/g, "");
query = `
 SELECT nrm, nim, namam, tgdaftar, tplahir, kdagama
 FROM mahasiswa
 WHERE LOWER(REPLACE(namam, ' ', '')) = LOWER(¿) AND nrm = ¿
`;
results = (await executeWisQuery(query, [
 namam_nim_no_spaces,
 nrm,
])) as any[];

if (results.length > 0) {
 return results[0] as Student;
}

return null;
} catch (error) {
 console.error("Error finding student:", error);
 throw new Error("Database error while finding student");
}
}

/**
 * Check if user exists in SSO system (optional - for future authentication)
 */
async findSsoUser(username: string): Promise<User | null> {
 try {
 const query = `
 SELECT id, username, email, created_at
 FROM user
 WHERE username = ¿
 `;
 const results = (await executeSsoQuery(query, [username])) as any[];

 if (results.length > 0) {
 return results[0] as User;
 }

 return null;
 } catch (error) {
 console.error("Error finding SSO user:", error);
 return null; // Don't throw error - SSO is optional for now
 }
}

/**
 * Login student - validates student data and generates JWT token
 */
async login(loginData: LoginRequest): Promise<LoginResponse> {
 const { namam_nim, nrm } = loginData;

 // Validate input
 if (!namam_nim || !nrm) {
 throw new Error("Student name/NIM and NRM are required");
 }

 // Find student in WIS database
 const student = await this.findStudent(namam_nim, nrm);

 if (!student) {
 throw new Error("Student not found or invalid credentials");
 }

 // Generate JWT token
 const token = generateToken({
 nrm: student.nrm,

```

```

 nim: student.nim,
 namam: student.namam,
 });

 return {
 token,
 user: {
 nrm: student.nrm,
 nim: student.nim,
 namam: student.namam,
 },
 };
}

/**
 * Get student profile by NRM (for authenticated requests)
 */
async getStudentProfile(nrm: string): Promise<Student | null> {
 try {
 const query = `
 SELECT nrm, nim, namam, tgdaftar, tplahir, kdagama
 FROM mahasiswa
 WHERE nrm = ?
 `;
 const results = (await executeWisQuery(query, [nrm])) as any[];

 if (results.length > 0) {
 return results[0] as Student;
 }

 return null;
 } catch (error) {
 console.error("Error getting student profile:", error);
 throw new Error("Database error while getting student profile");
 }
}
}

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\be\_wismon\_keuangan\src\services\paymentService.ts**

```

import { executeWismonQuery, executeWisQuery } from "../config/database";
import {
 PaymentHistoryItem,
 PaymentSummary,
 TransactionDetail,
 PaymentHistoryQuery,
 Student,
} from "../types";

export class PaymentService {
 /**
 * Get payment history for a student with filtering and pagination
 */
 async getPaymentHistory(
 nrm: string,
 filters: PaymentHistoryQuery = {}
): Promise<{
 data: PaymentHistoryItem[];
 total: number;
 page: number;
 limit: number;
 }> {
 console.log("?? PAYMENT SERVICE - getPaymentHistory called:", {
 nrm,

```

```

 nrmType: typeof nrm,
 filters,
 timestamp: new Date().toISOString(),
 });

 try {
 const {
 page = 1,
 limit = 20,
 startDate,
 endDate,
 type,
 sortBy = "tanggal",
 sortOrder = "desc",
 } = filters;

 const offset = (page - 1) * limit;

 console.log("PAYMENT SERVICE - Processed parameters:", {
 page,
 limit,
 offset,
 startDate,
 endDate,
 type,
 sortBy,
 sortOrder,
 });

 // Build WHERE conditions
 const conditions = ["tpm.nrm = ?"];
 const params = [nrm];

 if (startDate) {
 conditions.push("t.tanggal >= ?");
 params.push(startDate);
 }

 if (endDate) {
 conditions.push("t.tanggal <= ?");
 params.push(endDate);
 }

 if (type) {
 conditions.push("a_credit.nama LIKE ?");
 params.push(`%${type}%`);
 }

 // Build ORDER BY clause
 let orderByClause = "";
 switch (sortBy) {
 case "tanggal":
 orderByClause = `ORDER BY t.tanggal ${sortOrder.toUpperCase()}, t.jam ${sortOrder.toUpperCase()}`;
 break;
 case "jumlah":
 orderByClause = `ORDER BY t.nominal ${sortOrder.toUpperCase()}`;
 break;
 case "type":
 orderByClause = `ORDER BY a_credit.nama ${sortOrder.toUpperCase()}`;
 break;
 default:
 orderByClause = `ORDER BY t.tanggal ${sortOrder.toUpperCase()}, t.jam ${sortOrder.toUpperCase()}`;
 }

 // Main query for payment history
 const query = `

```

```

SELECT
 t.no as id,
 t.no as tx_id,
 DATE_FORMAT(t.tanggal, '%d %M %Y') as tanggal,
 DATE_FORMAT(CONCAT(t.tanggal, ' ', IFNULL(t.jam, '00:00:00')), '%d %M %Y, %H:%i:%s WIB') as
tanggal_full,
 a_credit.nama as type,
 CONCAT('Rp ', FORMAT(t.nominal, 0)) as jumlah,
 'LUNAS' as status,
 CONCAT(a_debit.kode, ' - ', a_debit.nama) as method,
 a_debit.kode as method_code
FROM transaksi t
INNER JOIN t_pembayaranmahasiswa tpm ON t.no = tpm.no
LEFT JOIN akun a_debit ON t.kodeakundebit = a_debit.kode
LEFT JOIN akun a_credit ON t.kodeakunkredit = a_credit.kode
WHERE ${conditions.join(" AND ")}
${orderByClause}
LIMIT ? OFFSET ?
`;

```

```

params.push(limit.toString(), offset.toString());

```

```

console.log("?? PAYMENT SERVICE - Final query params:", {
 conditions: conditions.join(" AND "),
 params,
 paramsTypes: params.map((p) => typeof p),
});

```

```

// Count query for total records

```

```

const countQuery = `
 SELECT COUNT(*) as total
 FROM transaksi t
 INNER JOIN t_pembayaranmahasiswa tpm ON t.no = tpm.no
 LEFT JOIN akun a_debit ON t.kodeakundebit = a_debit.kode
 LEFT JOIN akun a_credit ON t.kodeakunkredit = a_credit.kode
 WHERE ${conditions.join(" AND ")}
`;

```

```

const countParams = params.slice(0, -2); // Remove limit and offset

```

```

console.log("?? PAYMENT SERVICE - Executing queries:", {
 mainQuery: query.replace(/\s+/g, " ").trim(),
 countQuery: countQuery.replace(/\s+/g, " ").trim(),
 mainParams: params,
 countParams,
});

```

```

// Execute queries

```

```

const [results, countResults] = await Promise.all([
 executeWismonQuery(query, params) as Promise<any[]>,
 executeWismonQuery(countQuery, countParams) as Promise<any[]>,
]);

```

```

console.log("?? PAYMENT SERVICE - Raw query results:", {
 resultsCount: results.length || 0,
 countResult: countResults[0],
 firstResult: results[0],
 allResults: results,
});

```

```

const total = (countResults as any[])[0].total || 0;

```

```

console.log("?? PAYMENT SERVICE - Returning data:", {
 dataCount: results.length || 0,
 total,
 page,

```

```

 limit,
 });

 return {
 data: results as PaymentHistoryItem[],
 total,
 page,
 limit,
 };
} catch (error) {
 console.error("Error getting payment history:", error);
 throw new Error("Database error while getting payment history");
}
}

/**
 * Get payment summary/recapitulation for a student
 */
async getPaymentSummary(nrm: string): Promise<PaymentSummary> {
 try {
 const query = `
 SELECT
 a_credit.nama as payment_type,
 SUM(t.nominal) as total_amount
 FROM transaksi t
 INNER JOIN t_pembayaranmahasiswa tpm ON t.no = tpm.no
 LEFT JOIN akun a_credit ON t.kodeakunkredit = a_credit.kode
 WHERE tpm.nrm = ?
 GROUP BY a_credit.nama, a_credit.kode
 ORDER BY total_amount DESC
 `;

 const results = (await executeWismonQuery(query, [nrm])) as any[];

 const breakdown: { [key: string]: string } = {};
 let totalPayment = 0;

 results.forEach((row: any) => {
 const amount = parseFloat(row.total_amount) || 0;
 breakdown[row.payment_type] = `Rp ${amount.toLocaleString("id-ID")}`;
 totalPayment += amount;
 });

 return {
 total_pembayaran: `Rp ${totalPayment.toLocaleString("id-ID")}`,
 breakdown,
 };
 } catch (error) {
 console.error("Error getting payment summary:", error);
 throw new Error("Database error while getting payment summary");
 }
}

/**
 * Get detailed transaction information
 */
async getTransactionDetail(
 transactionId: string,
 nrm: string
): Promise<TransactionDetail | null> {
 try {
 // Get transaction details
 const query = `
 SELECT
 t.no as id,
 t.no as tx_id,
 `;
 }

```



```

 DATE_FORMAT(t.tanggal, '%d %M %Y') as tanggal,
 DATE_FORMAT(CONCAT(t.tanggal, ' ', IFNULL(t.jam, '00:00:00')), '%d %M %Y, %H:%i:%s WIB') as
tanggal_full,
 a_credit.nama as type,
 CONCAT('Rp ', FORMAT(t.nominal, 0)) as jumlah,
 'LUNAS' as status,
 CONCAT(a_debit.kode, ' - ', a_debit.nama) as method,
 a_debit.kode as method_code,
 tpm.prodi
 FROM transaksi t
 INNER JOIN t_pembayaranmahasiswa tpm ON t.no = tpm.no
 LEFT JOIN akun a_debit ON t.kodeakundebit = a_debit.kode
 LEFT JOIN akun a_credit ON t.kodeakunkredit = a_credit.kode
 WHERE t.no = ? AND tpm.nrm = ?
`;

const results = (await executeWismonQuery(query, [
 transactionId,
 nrm,
])) as any[];

if (results.length === 0) {
 return null;
}

const transaction = results[0];

// Get student information
const studentQuery = `
 SELECT nrm, nim, namam
 FROM mahasiswa
 WHERE nrm = ?
`;

const studentResults = (await executeWisQuery(studentQuery, [
 nrm,
])) as any[];
const student = studentResults[0] || {};

// Build transaction detail
const transactionDetail: TransactionDetail = {
 id: transaction.id,
 tanggal: transaction.tanggal,
 tanggal_full: transaction.tanggal_full,
 type: transaction.type,
 jumlah: transaction.jumlah,
 status: transaction.status,
 tx_id: transaction.tx_id,
 method: transaction.method,
 method_code: transaction.method_code,
 student_name: student.namam || "Unknown",
 student_nim: student.nim || "Unknown",
 student_prodi: transaction.prodi || "Unknown",
 payment_breakdown: {
 [transaction.type]: transaction.jumlah,
 },
};

return transactionDetail;
} catch (error) {
 console.error("Error getting transaction detail:", error);
 throw new Error("Database error while getting transaction detail");
}
}

/**

```

```

 * Refresh payment data (mainly for triggering cache refresh if needed)
 */
 async refreshPaymentData(nrm: string): Promise<boolean> {
 try {
 // This could include cache clearing logic in the future
 // For now, just verify the student exists
 const query = `
 SELECT COUNT(*) as count
 FROM t_pembayaranmahasiswa
 WHERE nrm = ?
 `;

 const results = (await executeWismonQuery(query, [nrm])) as any[];
 return results.length > 0;
 } catch (error) {
 console.error("Error refreshing payment data:", error);
 return false;
 }
 }

 /**
 * Get available payment types from the database
 */
 async getPaymentTypes(): Promise<{ kode: string; nama: string }[]> {
 try {
 const query = `
 SELECT DISTINCT a.kode, a.nama
 FROM akun a
 INNER JOIN transaksi t ON t.kodeakunkredit = a.kode
 INNER JOIN t_pembayaranmahasiswa tpm ON t.no = tpm.no
 WHERE a.kode >= 400 AND a.kode < 500
 ORDER BY a.kode
 `;

 console.log("?? PAYMENT SERVICE - Getting payment types from akun table");

 const results = (await executeWismonQuery(query, [])) as any[];

 console.log("?? PAYMENT SERVICE - Payment types retrieved:", {
 count: results?.length || 0,
 types: results,
 });

 return results as { kode: string; nama: string }[];
 } catch (error) {
 console.error("Error getting payment types:", error);
 throw new Error("Database error while getting payment types");
 }
 }
}

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\be\_wismon\_keuangan\src\types\index.ts**

```

// User and Authentication Types
export interface User {
 id: string;
 username: string;
 email?: string;
 created_at?: Date;
}

export interface UserRole {
 username: string;
 app: string;
}

```

```

 rid: string;
}

export interface Student {
 nrm: string;
 nim: string;
 namam: string;
 tgdaftar?: Date;
 tplahir?: Date;
 kdagama?: string;
 email?: string;
}

export interface Employee {
 nip: string;
 nama: string;
 kdagama?: string;
}

// Payment Types
export interface PaymentTransaction {
 id: string;
 kode_transaksi: string;
 tanggal: Date;
 total: number;
 status: string;
 jenistransaksi_id?: string;
 akun_debit?: string;
 akun_kredit?: string;
}

export interface PaymentType {
 id: string;
 kode: string;
 nama_jenis: string;
}

export interface Account {
 id: string;
 kode: string;
 nama_akun: string;
}

export interface StudentPayment {
 no: string;
 nrm: string;
 prodi?: string;
 semester?: string;
 tahun_akademik?: string;
 jumlah: number;
 tanggal_bayar: Date;
}

// API Response Types
export interface ApiResponse<T = any> {
 success: boolean;
 message: string;
 data?: T;
 errors?: string[];
}

export interface LoginRequest {
 namam_nim: string; // Can be student name or NIM
 nrm: string;
}

```

```

export interface LoginResponse {
 token: string;
 user: {
 nrm: string;
 nim: string;
 namam: string;
 };
}

export interface PaymentHistoryQuery {
 page?: number;
 limit?: number;
 startDate?: string;
 endDate?: string;
 type?: string;
 sortBy?: "tanggal" | "jumlah" | "type";
 sortOrder?: "asc" | "desc";
}

export interface PaymentHistoryItem {
 id: string;
 tanggal: string;
 tanggal_full: string;
 type: string;
 jumlah: string;
 status: string;
 tx_id: string;
 method: string;
 method_code: string;
}

export interface PaymentSummary {
 total_pembayaran: string;
 breakdown: {
 [key: string]: string;
 };
}

export interface TransactionDetail extends PaymentHistoryItem {
 student_name: string;
 student_nim: string;
 student_prodi: string;
 payment_breakdown: {
 [key: string]: string;
 };
}

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\be\_wismon\_keuangan\src\utils\auth.ts**

```

import jwt from "jsonwebtoken";
import { Request, Response, NextFunction } from "express";

const JWT_SECRET = process.env.JWT_SECRET || "your-super-secret-jwt-key";

export interface JWTPayload {
 nrm: string;
 nim: string;
 namam: string;
 iat?: number;
 exp?: number;
}

export const generateToken = (
 payload: Omit<JWTPayload, "iat" | "exp">

```

```

): string => {
 return jwt.sign(payload, JWT_SECRET, { expiresIn: "24h" });
};

export const verifyToken = (token: string): JWTPayload => {
 return jwt.verify(token, JWT_SECRET) as JWTPayload;
};

export const authenticateToken = (
 req: Request,
 res: Response,
 next: NextFunction
): void => {
 const authHeader = req.headers["authorization"];
 const token = authHeader && authHeader.split(" ")[1]; // Bearer TOKEN

 if (!token) {
 res.status(401).json({
 success: false,
 message: "Access token required",
 });
 return;
 }

 try {
 const decoded = verifyToken(token);
 (req as any).user = decoded;
 next();
 } catch (error) {
 res.status(403).json({
 success: false,
 message: "Invalid or expired token",
 });
 }
};

export const extractTokenFromHeader = (authHeader?: string): string | null => {
 if (!authHeader) return null;
 const parts = authHeader.split(" ");
 if (parts.length !== 2 || parts[0] !== "Bearer") return null;
 return parts[1] || null;
};

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\.gitignore**

```

Miscellaneous
*.class
*.log
*.pyc
*.swp
.DS_Store
.atom/
.build/
.buildlog/
.history
.svn/
.swiftpm/
migrate_working_dir/

IntelliJ related
*.iml
*.ipr
*.iws
.idea/

```

```
The .vscode folder contains launch configuration and tasks you configure in
VS Code which you may wish to be included in version control, so this line
is commented out by default.
#.vscode/

Flutter/Dart/Pub related
**/doc/api/
**/ios/Flutter/.last_build_id
.dart_tool/
.flutter-plugins
.flutter-plugins-dependencies
.pub-cache/
.pub/
/build/

Symbolication related
app.*.symbols

Obfuscation related
app.*.map.json

Android Studio will place build artifacts here
/android/app/debug
/android/app/profile
/android/app/release
```

#### **File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\.metadata**

```
This file tracks properties of this Flutter project.
Used by Flutter tool to assess capabilities and perform upgrades etc.
#
This file should be version controlled and should not be manually edited.
```

version:

```
 revision: "6fba2447e95c451518584c35e25f5433f14d888c"
 channel: "stable"
```

project\_type: app

# Tracks metadata for the flutter migrate command

migration:

platforms:

```
- platform: root
 create_revision: 6fba2447e95c451518584c35e25f5433f14d888c
 base_revision: 6fba2447e95c451518584c35e25f5433f14d888c
- platform: android
 create_revision: 6fba2447e95c451518584c35e25f5433f14d888c
 base_revision: 6fba2447e95c451518584c35e25f5433f14d888c
- platform: ios
 create_revision: 6fba2447e95c451518584c35e25f5433f14d888c
 base_revision: 6fba2447e95c451518584c35e25f5433f14d888c
- platform: linux
 create_revision: 6fba2447e95c451518584c35e25f5433f14d888c
 base_revision: 6fba2447e95c451518584c35e25f5433f14d888c
- platform: macos
 create_revision: 6fba2447e95c451518584c35e25f5433f14d888c
 base_revision: 6fba2447e95c451518584c35e25f5433f14d888c
- platform: web
 create_revision: 6fba2447e95c451518584c35e25f5433f14d888c
 base_revision: 6fba2447e95c451518584c35e25f5433f14d888c
- platform: windows
 create_revision: 6fba2447e95c451518584c35e25f5433f14d888c
 base_revision: 6fba2447e95c451518584c35e25f5433f14d888c
```

```
User provided section

List of Local paths (relative to this file) that should be
ignored by the migrate tool.
#
Files that are not part of the templates will be ignored by default.
unmanaged_files:
 - 'lib/main.dart'
 - 'ios/Runner.xcodeproj/project.pbxproj'
```

#### **File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\analysis\_options.yaml**

```
This file configures the analyzer, which statically analyzes Dart code to
check for errors, warnings, and lints.
#
The issues identified by the analyzer are surfaced in the UI of Dart-enabled
IDEs (https://dart.dev/tools#ides-and-editors). The analyzer can also be
invoked from the command line by running `flutter analyze`.

The following line activates a set of recommended lints for Flutter apps,
packages, and plugins designed to encourage good coding practices.
include: package:flutter_lints/flutter.yaml

linter:
 # The lint rules applied to this project can be customized in the
 # section below to disable rules from the `package:flutter_lints/flutter.yaml`
 # included above or to enable additional rules. A list of all available lints
 # and their documentation is published at https://dart.dev/lints.
 #
 # Instead of disabling a lint rule for the entire project in the
 # section below, it can also be suppressed for a single line of code
 # or a specific dart file by using the `// ignore: name_of_lint` and
 # `// ignore_for_file: name_of_lint` syntax on the line or in the file
 # producing the lint.
 rules:
 # avoid_print: false # Uncomment to disable the `avoid_print` rule
 # prefer_single_quotes: true # Uncomment to enable the `prefer_single_quotes` rule

Additional information about this file can be found at
https://dart.dev/guides/language/analysis-options
```

#### **File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\devtools\_options.yaml**

```
description: This file stores settings for Dart & Flutter DevTools.
documentation: https://docs.flutter.dev/tools/devtools/extensions#configure-extension-enablement-states
extensions:
```

#### **File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\pubspec.lock**

```
Generated by pub
See https://dart.dev/tools/pub/glossary#lockfile
packages:
 args:
 dependency: transitive
 description:
 name: args
 sha256: d0481093c50b1da8910eb0bb301626d4d8eb7284aa739614d2b394ee09e3ea04
 url: "https://pub.dev"
 source: hosted
 version: "2.7.0"
```

```
async:
 dependency: transitive
 description:
 name: async
 sha256: "758e6d74e971c3e5aceb4110bfd6698efc7f501675bcfe0c775459a8140750eb"
 url: "https://pub.dev"
 source: hosted
 version: "2.13.0"
bloc:
 dependency: transitive
 description:
 name: bloc
 sha256: "52c10575f4445c61dd9e0cafcc6356fdd827c4c64dd7945ef3c4105f6b6ac189"
 url: "https://pub.dev"
 source: hosted
 version: "9.0.0"
boolean_selector:
 dependency: transitive
 description:
 name: boolean_selector
 sha256: "8aab1771e1243a5063b8b0ff68042d67334e3feab9e95b9490f9a6ebf73b42ea"
 url: "https://pub.dev"
 source: hosted
 version: "2.1.2"
characters:
 dependency: transitive
 description:
 name: characters
 sha256: f71061c654a3380576a52b451dd5532377954cf9dbd272a78fc8479606670803
 url: "https://pub.dev"
 source: hosted
 version: "1.4.0"
clock:
 dependency: transitive
 description:
 name: clock
 sha256: fddb70d9b5277016c77a80201021d40a2247104d9f4aa7bab7157b7e3f05b84b
 url: "https://pub.dev"
 source: hosted
 version: "1.1.2"
collection:
 dependency: transitive
 description:
 name: collection
 sha256: "2f5709ae4d3d59dd8f7cd309b4e023046b57d8a6c82130785d2b0e5868084e76"
 url: "https://pub.dev"
 source: hosted
 version: "1.19.1"
crypto:
 dependency: transitive
 description:
 name: crypto
 sha256: "1e445881f28f22d6140f181e07737b22f1e099a5e1ff94b0af2f9e4a463f4855"
 url: "https://pub.dev"
 source: hosted
 version: "3.0.6"
cupertino_icons:
 dependency: "direct main"
 description:
 name: cupertino_icons
 sha256: ba631d1c7f7bef6b729a622b7b752645a2d076dba9976925b8f25725a30e1ee6
 url: "https://pub.dev"
 source: hosted
 version: "1.0.8"
dartz:
 dependency: "direct main"
```



```
description:
 name: dartz
 sha256: e6acf34ad2e31b1eb00948692468c30ab48ac8250e0f0df661e29f12dd252168
 url: "https://pub.dev"
source: hosted
version: "0.10.1"
equatable:
 dependency: "direct main"
 description:
 name: equatable
 sha256: "567c64b3cb4cf82397aac55f4f0cbd3ca20d77c6c03bedbc4ceaddc08904aef7"
 url: "https://pub.dev"
 source: hosted
 version: "2.0.7"
fake_async:
 dependency: transitive
 description:
 name: fake_async
 sha256: "5368f224a74523e8d2e7399ea1638b37aecfca824a3cc4dfdf77bf1fa905ac44"
 url: "https://pub.dev"
 source: hosted
 version: "1.3.3"
ffi:
 dependency: transitive
 description:
 name: ffi
 sha256: "289279317b4b16eb2bb7e271abccd4bf84ec9bdcbe999e278a94b804f5630418"
 url: "https://pub.dev"
 source: hosted
 version: "2.1.4"
file:
 dependency: transitive
 description:
 name: file
 sha256: a3b4f84adafef897088c160faf7dffb7696046cb13ae90b508c2cbc95d3b8d4
 url: "https://pub.dev"
 source: hosted
 version: "7.0.1"
flutter:
 dependency: "direct main"
 description: flutter
 source: sdk
 version: "0.0.0"
flutter_bloc:
 dependency: "direct main"
 description:
 name: flutter_bloc
 sha256: cf51747952201a455a1c840f8171d273be009b932c75093020f9af64f2123e38
 url: "https://pub.dev"
 source: hosted
 version: "9.1.1"
flutter_lints:
 dependency: "direct dev"
 description:
 name: flutter_lints
 sha256: "5398f14efa795ffb7a33e9b6a08798b26a180edac4ad7db3f231e40f82c11e1"
 url: "https://pub.dev"
 source: hosted
 version: "5.0.0"
flutter_svg:
 dependency: "direct main"
 description:
 name: flutter_svg
 sha256: cd57f7969b4679317c17af6fd16ee233c1e60a82ed209d8a475c54fd6fd6f845
 url: "https://pub.dev"
 source: hosted
```

```
 version: "2.2.0"
flutter_test:
 dependency: "direct dev"
 description: flutter
 source: sdk
 version: "0.0.0"
flutter_web_plugins:
 dependency: transitive
 description: flutter
 source: sdk
 version: "0.0.0"
get_it:
 dependency: "direct main"
 description:
 name: get_it
 sha256: f126a3e286b7f5b578bf436d5592968706c4c1de28a228b870ce375d9f743103
 url: "https://pub.dev"
 source: hosted
 version: "8.0.3"
google_fonts:
 dependency: "direct main"
 description:
 name: google_fonts
 sha256: blac0fe2832c9cc95e5e88b57d627c5e68c223b9657f4b96e1487aa9098c7b82
 url: "https://pub.dev"
 source: hosted
 version: "6.2.1"
http:
 dependency: "direct main"
 description:
 name: http
 sha256: "2c11f3f94c687ee9bad77c171151672986360b2b001d109814ee7140b2cf261b"
 url: "https://pub.dev"
 source: hosted
 version: "1.4.0"
http_parser:
 dependency: transitive
 description:
 name: http_parser
 sha256: "178d74305e7866013777bab2c3d8726205dc5a4dd935297175b19a23a2e66571"
 url: "https://pub.dev"
 source: hosted
 version: "4.1.2"
intl:
 dependency: "direct main"
 description:
 name: intl
 sha256: "3df61194eb431efc39c4ceba583b95633a403f46c9fd341e550ce0bfa50e9aa5"
 url: "https://pub.dev"
 source: hosted
 version: "0.20.2"
leak_tracker:
 dependency: transitive
 description:
 name: leak_tracker
 sha256: "6bb818ecbdf216e81182c2f0714a2e62b593f4a4f13098713ff1685dfb6ab0"
 url: "https://pub.dev"
 source: hosted
 version: "10.0.9"
leak_tracker_flutter_testing:
 dependency: transitive
 description:
 name: leak_tracker_flutter_testing
 sha256: f8b613e7e6a13ec79cfdc0e97638fddb3ab848452eff057653abd3edba760573
 url: "https://pub.dev"
 source: hosted
```

```
version: "3.0.9"
leak_tracker_testing:
 dependency: transitive
 description:
 name: leak_tracker_testing
 sha256: "6ba465d5d76e67ddf503e1161d1f4a6bc42306f9d66cafe8f079a47290fb06d3"
 url: "https://pub.dev"
 source: hosted
 version: "3.0.1"
lints:
 dependency: transitive
 description:
 name: lints
 sha256: c35bb79562d980e9a453fc715854e1ed39e24e7d0297a880ef54e17f9874a9d7
 url: "https://pub.dev"
 source: hosted
 version: "5.1.1"
matcher:
 dependency: transitive
 description:
 name: matcher
 sha256: dc58c723c3c24bf8d3e2d3ad3f2f9d7bd9cf43ec6feaa64181775e60190153f2
 url: "https://pub.dev"
 source: hosted
 version: "0.12.17"
material_color_utilities:
 dependency: transitive
 description:
 name: material_color_utilities
 sha256: f7142bb1154231d7ea5f96bc7bde4bda2a0945d2806bb11670e30b850d56bdec
 url: "https://pub.dev"
 source: hosted
 version: "0.11.1"
meta:
 dependency: transitive
 description:
 name: meta
 sha256: e3641ec5d63ebf0d9b41bd43201a66e3fc79a65db5f61fc181f04cd27aab950c
 url: "https://pub.dev"
 source: hosted
 version: "1.16.0"
nested:
 dependency: transitive
 description:
 name: nested
 sha256: "03bac4c528c64c95c722ec99280375a6f2fc708eec17c7b3f07253b626cd2a20"
 url: "https://pub.dev"
 source: hosted
 version: "1.0.0"
path:
 dependency: transitive
 description:
 name: path
 sha256: "75cca69d1490965be98c73ceaea117e8a04dd21217b37b292c9ddbec0d955bc5"
 url: "https://pub.dev"
 source: hosted
 version: "1.9.1"
path_parsing:
 dependency: transitive
 description:
 name: path_parsing
 sha256: "883402936929eac138ee0a45da5b0f2c80f89913e6dc3bf77eb65b84b409c6ca"
 url: "https://pub.dev"
 source: hosted
 version: "1.1.0"
path_provider:
```

```
dependency: transitive
description:
 name: path_provider
 sha256: "50c5dd5b6e1aaf6fb3a78b33f6aa3afca52bf903a8a5298f53101fdaee55bbcd"
 url: "https://pub.dev"
source: hosted
version: "2.1.5"
path_provider_android:
 dependency: transitive
 description:
 name: path_provider_android
 sha256: d0d310befe2c8ab9e7f393288ccbb11b60c019c6b5afc21973eeee4dda2b35e9
 url: "https://pub.dev"
 source: hosted
 version: "2.2.17"
path_provider_foundation:
 dependency: transitive
 description:
 name: path_provider_foundation
 sha256: "4843174df4d288f5e29185bd6e72a6fbdf5a4a4602717eed565497429f179942"
 url: "https://pub.dev"
 source: hosted
 version: "2.4.1"
path_provider_linux:
 dependency: transitive
 description:
 name: path_provider_linux
 sha256: f7a1fe3a634fe7734c8d3f2766ad746ae2a2884abe22e241a8b301bf5cac3279
 url: "https://pub.dev"
 source: hosted
 version: "2.2.1"
path_provider_platform_interface:
 dependency: transitive
 description:
 name: path_provider_platform_interface
 sha256: "88f5779f72ba699763fa3a3b06aa4bf6de76c8e5de842cf6f29e2e06476c2334"
 url: "https://pub.dev"
 source: hosted
 version: "2.1.2"
path_provider_windows:
 dependency: transitive
 description:
 name: path_provider_windows
 sha256: bd6f00dbd873bfb70d0761682da2b3a2c2fccc2b9e84c495821639601d81afe7
 url: "https://pub.dev"
 source: hosted
 version: "2.3.0"
petitparser:
 dependency: transitive
 description:
 name: petitparser
 sha256: "07c8f0b1913bcde1ff0d26e57ace2f3012ccbf2b204e070290dad3bb22797646"
 url: "https://pub.dev"
 source: hosted
 version: "6.1.0"
platform:
 dependency: transitive
 description:
 name: platform
 sha256: "5d6b1b0036a5f331ebc77c850ebc8506cbc1e9416c27e59b439f917a902a4984"
 url: "https://pub.dev"
 source: hosted
 version: "3.1.6"
plugin_platform_interface:
 dependency: transitive
 description:
```

```
 name: plugin_platform_interface
 sha256: "4820fbfdb9478b1ebae27888254d445073732dae3d6ea81f0b7e06d5dedc3f02"
 url: "https://pub.dev"
 source: hosted
 version: "2.1.8"
provider:
 dependency: transitive
 description:
 name: provider
 sha256: "4abbd070a04e9ddc287673bf5a030c7ca8b685ff70218720abab8b092f53dd84"
 url: "https://pub.dev"
 source: hosted
 version: "6.1.5"
shared_preferences:
 dependency: "direct main"
 description:
 name: shared_preferences
 sha256: "6e8bf70b7fef813df4e9a36f658ac46d107db4b4cfe1048b477d4e453a8159f5"
 url: "https://pub.dev"
 source: hosted
 version: "2.5.3"
shared_preferences_android:
 dependency: transitive
 description:
 name: shared_preferences_android
 sha256: "20cbd561f743a342c76c151d6ddb93a9ce6005751e7aa458baad3858bfbfb6ac"
 url: "https://pub.dev"
 source: hosted
 version: "2.4.10"
shared_preferences_foundation:
 dependency: transitive
 description:
 name: shared_preferences_foundation
 sha256: "6a52cfcdaeac77cad8c97b539ff688ccfc458c007b4db12be584fbe5c0e49e03"
 url: "https://pub.dev"
 source: hosted
 version: "2.5.4"
shared_preferences_linux:
 dependency: transitive
 description:
 name: shared_preferences_linux
 sha256: "580abfd40f415611503cae30adf626e6656dfb2f0cee8f465ece7b6defb40f2f"
 url: "https://pub.dev"
 source: hosted
 version: "2.4.1"
shared_preferences_platform_interface:
 dependency: transitive
 description:
 name: shared_preferences_platform_interface
 sha256: "57cbf196c486bc2cf1f02b85784932c6094376284b3ad5779d1b1c6c6a816b80"
 url: "https://pub.dev"
 source: hosted
 version: "2.4.1"
shared_preferences_web:
 dependency: transitive
 description:
 name: shared_preferences_web
 sha256: c49bd060261c9a3f0ff445892695d6212ff603ef3115edbb448509d407600019
 url: "https://pub.dev"
 source: hosted
 version: "2.4.3"
shared_preferences_windows:
 dependency: transitive
 description:
 name: shared_preferences_windows
 sha256: "94ef0f72b2d71bc3e700e025db3710911bd51a71cefb65cc609dd0d9a982e3c1"
```

```
 url: "https://pub.dev"
 source: hosted
 version: "2.4.1"
sky_engine:
 dependency: transitive
 description: flutter
 source: sdk
 version: "0.0.0"
source_span:
 dependency: transitive
 description:
 name: source_span
 sha256: "254ee5351d6cb365c859e20ee823c3bb479bf4a293c22d17a9f1bf144ce86f7c"
 url: "https://pub.dev"
 source: hosted
 version: "1.10.1"
stack_trace:
 dependency: transitive
 description:
 name: stack_trace
 sha256: "8b27215b45d22309b5cddda1aa2b19bdfec9df0e765f2de506401c071d38d1b1"
 url: "https://pub.dev"
 source: hosted
 version: "1.12.1"
stream_channel:
 dependency: transitive
 description:
 name: stream_channel
 sha256: "969e04c80b8bcd826f8f16579c7b14d780458bd97f56d107d3950fdbbeef059d"
 url: "https://pub.dev"
 source: hosted
 version: "2.1.4"
string_scanner:
 dependency: transitive
 description:
 name: string_scanner
 sha256: "921cd31725b72fe181906c6a94d987c78e3b98c2e205b397ea399d4054872b43"
 url: "https://pub.dev"
 source: hosted
 version: "1.4.1"
term_glyph:
 dependency: transitive
 description:
 name: term_glyph
 sha256: "7f554798625ea768a7518313e58f83891c7f5024f88e46e7182a4558850a4b8e"
 url: "https://pub.dev"
 source: hosted
 version: "1.2.2"
test_api:
 dependency: transitive
 description:
 name: test_api
 sha256: fb31f383e2ee25fbbfe06b40fe21e1e458d14080e3c67e7ba0acfde4df4e0bbd
 url: "https://pub.dev"
 source: hosted
 version: "0.7.4"
typed_data:
 dependency: transitive
 description:
 name: typed_data
 sha256: f9049c039ebfeb4cf7a7104a675823cd72dba8297f264b6637062516699fa006
 url: "https://pub.dev"
 source: hosted
 version: "1.4.0"
vector_graphics:
 dependency: transitive
```

```
description:
 name: vector_graphics
 sha256: a4f059dc26fc8295b5921376600a194c4ec7d55e72f2fe4c7d2831e103d461e6
 url: "https://pub.dev"
source: hosted
version: "1.1.19"
vector_graphics_codec:
 dependency: transitive
 description:
 name: vector_graphics_codec
 sha256: "99fd9fbd34d9f9a32efd7b6a6aae14125d8237b10403b422a6a6dfeac2806146"
 url: "https://pub.dev"
 source: hosted
 version: "1.1.13"
vector_graphics_compiler:
 dependency: transitive
 description:
 name: vector_graphics_compiler
 sha256: "557a315b7d2a6dbb0aaaff84d857967ce6bdc96a63dc6ee2a57ce5a6ee5d3331"
 url: "https://pub.dev"
 source: hosted
 version: "1.1.17"
vector_math:
 dependency: transitive
 description:
 name: vector_math
 sha256: "80b3257d1492ce4d091729e3a67a60407d227c27241d6927be0130c98e741803"
 url: "https://pub.dev"
 source: hosted
 version: "2.1.4"
vm_service:
 dependency: transitive
 description:
 name: vm_service
 sha256: ddfa8d30d89985b96407efce8acbdd124701f96741f2d981ca860662f1c0dc02
 url: "https://pub.dev"
 source: hosted
 version: "15.0.0"
web:
 dependency: transitive
 description:
 name: web
 sha256: "868d88a33d8a87b18ffc05f9f030ba328ffefba92d6c127917a2ba740f9cfe4a"
 url: "https://pub.dev"
 source: hosted
 version: "1.1.1"
xdg_directories:
 dependency: transitive
 description:
 name: xdg_directories
 sha256: "7a3f37b05d989967cdddcbb571f1ea834867ae2faa29725fd085180e0883aa15"
 url: "https://pub.dev"
 source: hosted
 version: "1.1.0"
xml:
 dependency: transitive
 description:
 name: xml
 sha256: b015a8ad1c488f66851d762d3090a21c600e479dc75e68328c52774040cf9226
 url: "https://pub.dev"
 source: hosted
 version: "6.5.0"
sdks:
 dart: ">=3.8.1 <4.0.0"
 flutter: ">=3.27.0"
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\pubspec.yaml**

```
name: wismon_keuangan
description: "A new Flutter project."
The following line prevents the package from being accidentally published to
pub.dev using `flutter pub publish`. This is preferred for private packages.
publish_to: "none" # Remove this line if you wish to publish to pub.dev

The following defines the version and build number for your application.
A version number is three numbers separated by dots, like 1.2.43
followed by an optional build number separated by a +.
Both the version and the builder number may be overridden in flutter
build by specifying --build-name and --build-number, respectively.
In Android, build-name is used as versionName while build-number used as versionCode.
Read more about Android versioning at https://developer.android.com/studio/publish/versioning
In iOS, build-name is used as CFBundleShortVersionString while build-number is used as CFBundleVersion.
Read more about iOS versioning at
#
https://developer.apple.com/library/archive/documentation/General/Reference/InfoPlistKeyReference/Articles/Core
FoundationKeys.html
In Windows, build-name is used as the major, minor, and patch parts
of the product and file versions while build-number is used as the build suffix.
version: 1.0.0+1

environment:
 sdk: ^3.8.1

Dependencies specify other packages that your package needs in order to work.
To automatically upgrade your package dependencies to the latest versions
consider running `flutter pub upgrade --major-versions`. Alternatively,
dependencies can be manually updated by changing the version numbers below to
the latest version available on pub.dev. To see which dependencies have newer
versions available, run `flutter pub outdated`.
dependencies:
 flutter:
 sdk: flutter
 google_fonts: ^6.1.0

The following adds the Cupertino Icons font to your application.
Use with the CupertinoIcons class for iOS style icons.
cupertino_icons: ^1.0.8

State management
flutter_bloc: ^9.1.1
equatable: ^2.0.5

HTTP requests
http: ^1.1.0

Shared preferences for token storage
shared_preferences: ^2.2.2

Functional programming
dartz: ^0.10.1

Dependency injection
get_it: ^8.0.2
intl: ^0.20.2
flutter_svg: ^2.2.0

dev_dependencies:
 flutter_test:
 sdk: flutter

The "flutter_lints" package below contains a set of recommended lints to
encourage good coding practices. The lint set provided by the package is
```



```

activated in the `analysis_options.yaml` file located at the root of your
package. See that file for information about deactivating specific lint
rules and activating additional ones.
flutter_lints: ^5.0.0

For information on the generic Dart part of this file, see the
following page: https://dart.dev/tools/pub/pubspec

The following section is specific to Flutter packages.
flutter:
 # The following line ensures that the Material Icons font is
 # included with your application, so that you can use the icons in
 # the material Icons class.
 uses-material-design: true

 # To add assets to your application, add an assets section, like this:
 assets:
 - assets/LOGOWHS.svg
 - assets/LogoWHNProfil.svg
 - assets/images/menu_background.svg
 - assets/images/profile_background.svg

 # An image asset can refer to one or more resolution-specific "variants", see
 # https://flutter.dev/to/resolution-aware-images

 # For details regarding adding assets from package dependencies, see
 # https://flutter.dev/to/asset-from-package

 # To add custom fonts to your application, add a fonts section here,
 # in this "flutter" section. Each entry in this list should have a
 # "family" key with the font family name, and a "fonts" key with a
 # list giving the asset and other descriptors for the font. For
 # example:
 # fonts:
 # - family: Schyler
 # fonts:
 # - asset: fonts/Schyler-Regular.ttf
 # - asset: fonts/Schyler-Italic.ttf
 # style: italic
 # - family: Trajan Pro
 # fonts:
 # - asset: fonts/TrajanPro.ttf
 # - asset: fonts/TrajanPro_Bold.ttf
 # weight: 700
 #
 # For details regarding fonts from package dependencies,
 # see https://flutter.dev/to/font-from-package

```

## **File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\README.md**

```
wismon_keuangan
```

A new Flutter project.

### **## Getting Started**

This project is a starting point for a Flutter application.

A few resources to get you started if this is your first Flutter project:

- [Lab: Write your first Flutter app](<https://docs.flutter.dev/get-started/codelab>)
- [Cookbook: Useful Flutter samples](<https://docs.flutter.dev/cookbook>)

For help getting started with Flutter development, view the

[online documentation](<https://docs.flutter.dev/>), which offers tutorials, samples, guidance on mobile development, and a full API reference.

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\android\.gitignore**

```
gradle-wrapper.jar
/.gradle
/captures/
/gradlew
/gradlew.bat
/local.properties
GeneratedPluginRegistrant.java
.cxx/

Remember to never publicly share your keystore.
See https://flutter.dev/to/reference-keystore
key.properties
**/*.keystore
**/*.jks
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\android\build.gradle.kts**

```
allprojects {
 repositories {
 google()
 mavenCentral()
 }
}

val newBuildDir: Directory = rootProject.layout.buildDirectory.dir(".././build").get()
rootProject.layout.buildDirectory.value(newBuildDir)

subprojects {
 val newSubprojectBuildDir: Directory = newBuildDir.dir(project.name)
 project.layout.buildDirectory.value(newSubprojectBuildDir)
}

subprojects {
 project.evaluationDependsOn(":app")
}

tasks.register<Delete>("clean") {
 delete(rootProject.layout.buildDirectory)
}
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\android\gradle.properties**

```
org.gradle.jvmargs=-Xmx8G -XX:MaxMetaspaceSize=4G -XX:ReservedCodeCacheSize=512m
-XX:+HeapDumpOnOutOfMemoryError
android.useAndroidX=true
android.enableJetifier=true
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\android\settings.gradle.kts**

```
pluginManagement {
 val flutterSdkPath = run {
 val properties = java.util.Properties()
 file("local.properties").inputStream().use { properties.load(it) }
 val flutterSdkPath = properties.getProperty("flutter.sdk")
 require(flutterSdkPath != null) { "flutter.sdk not set in local.properties" }
 }
}
```

```

 flutterSdkPath
 }

 includeBuild("$flutterSdkPath/packages/flutter_tools/gradle")

 repositories {
 google()
 mavenCentral()
 gradlePluginPortal()
 }
}

plugins {
 id("dev.flutter.flutter-plugin-loader") version "1.0.0"
 id("com.android.application") version "8.7.3" apply false
 id("org.jetbrains.kotlin.android") version "2.1.0" apply false
}

include(":app")

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\android\app\build.gradle.kts**

```

plugins {
 id("com.android.application")
 id("kotlin-android")
 // The Flutter Gradle Plugin must be applied after the Android and Kotlin Gradle plugins.
 id("dev.flutter.flutter-gradle-plugin")
}

android {
 namespace = "com.example.wismon_keuangan"
 compileSdk = flutter.compileSdkVersion
 ndkVersion = flutter.ndkVersion

 compileOptions {
 sourceCompatibility = JavaVersion.VERSION_11
 targetCompatibility = JavaVersion.VERSION_11
 }

 kotlinOptions {
 jvmTarget = JavaVersion.VERSION_11.toString()
 }

 defaultConfig {
 // TODO: Specify your own unique Application ID
 (https://developer.android.com/studio/build/application-id.html).
 applicationId = "com.example.wismon_keuangan"
 // You can update the following values to match your application needs.
 // For more information, see: https://flutter.dev/to/review-gradle-config.
 minSdk = flutter.minSdkVersion
 targetSdk = flutter.targetSdkVersion
 versionCode = flutter.versionCode
 versionName = flutter.versionName
 }

 buildTypes {
 release {
 // TODO: Add your own signing config for the release build.
 // Signing with the debug keys for now, so `flutter run --release` works.
 signingConfig = signingConfigs.getByName("debug")
 }
 }
}

```

```
flutter {
 source = "../.."
}
```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\android\app\src\debug\AndroidManifest.x**

**ml**

```
<manifest xmlns:android="http://schemas.android.com/apk/res/android">
 <!-- The INTERNET permission is required for development. Specifically,
 the Flutter tool needs it to communicate with the running application
 to allow setting breakpoints, to provide hot reload, etc.
 -->
 <uses-permission android:name="android.permission.INTERNET"/>
</manifest>
```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\android\app\src\main\AndroidManifest.xml**

**l**

```
<manifest xmlns:android="http://schemas.android.com/apk/res/android">
 <application
 android:label="wismon_keuangan"
 android:name="${applicationName}"
 android:icon="@mipmap/ic_launcher"
 android:enableOnBackInvokedCallback="true">
 <activity
 android:name=".MainActivity"
 android:exported="true"
 android:launchMode="singleTop"
 android:taskAffinity=""
 android:theme="@style/LaunchTheme"

 android:configChanges="orientation|keyboardHidden|keyboard|screenSize|smallestScreenSize|locale|layoutDirection
|fontScale|screenLayout|density|uiMode"
 android:hardwareAccelerated="true"
 android:windowSoftInputMode="adjustResize">
 <!-- Specifies an Android theme to apply to this Activity as soon as
 the Android process has started. This theme is visible to the user
 while the Flutter UI initializes. After that, this theme continues
 to determine the Window background behind the Flutter UI. -->
 <meta-data
 android:name="io.flutter.embedding.android.NormalTheme"
 android:resource="@style/NormalTheme"
 />
 <intent-filter>
 <action android:name="android.intent.action.MAIN"/>
 <category android:name="android.intent.category.LAUNCHER"/>
 </intent-filter>
 </activity>
 <!-- Don't delete the meta-data below.
 This is used by the Flutter tool to generate GeneratedPluginRegistrant.java -->
 <meta-data
 android:name="flutterEmbedding"
 android:value="2" />
 </application>
 <!-- Required to query activities that can process text, see:
```

<https://developer.android.com/training/package-visibility> and  
[https://developer.android.com/reference/android/content/Intent#ACTION\\_PROCESS\\_TEXT](https://developer.android.com/reference/android/content/Intent#ACTION_PROCESS_TEXT).

```
In particular, this is used by the Flutter engine in io.flutter.plugin.text.ProcessTextPlugin. -->
<queries>
 <intent>
 <action android:name="android.intent.action.PROCESS_TEXT"/>
 <data android:mimeType="text/plain"/>
 </intent>
</queries>
<!-- The INTERNET permission is required for development. -->
<uses-permission android:name="android.permission.INTERNET"/>
<uses-permission android:name="android.permission.ACCESS_NETWORK_STATE" />
</manifest>
```

#### File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\android\app\src\main\kotlin\com\example  
\wismon\_keuangan\MainActivity.kt

```
package com.example.wismon_keuangan

import io.flutter.embedding.android.FlutterActivity

class MainActivity : FlutterActivity()
```

#### File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\android\app\src\main\res\drawable\launc  
h\_background.xml

```
<?xml version="1.0" encoding="utf-8"?>
<!-- Modify this file to customize your launch splash screen -->
<layer-list xmlns:android="http://schemas.android.com/apk/res/android">
 <item android:drawable="@android:color/white" />

 <!-- You can insert your own image assets here -->
 <!-- <item>
 <bitmap
 android:gravity="center"
 android:src="@mipmap/launch_image" />
 </item> -->
</layer-list>
```

#### File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\android\app\src\main\res\drawable-v21\l  
aunch\_background.xml

```
<?xml version="1.0" encoding="utf-8"?>
<!-- Modify this file to customize your launch splash screen -->
<layer-list xmlns:android="http://schemas.android.com/apk/res/android">
 <item android:drawable="?android:colorBackground" />

 <!-- You can insert your own image assets here -->
```

```

<!-- <item>
 <bitmap
 android:gravity="center"
 android:src="@mipmap/launch_image" />
</item> -->
</layer-list>

```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\android\app\src\main\res\values\styles.**

**xml**

```

<?xml version="1.0" encoding="utf-8"?>
<resources>
 <!-- Theme applied to the Android Window while the process is starting when the OS's Dark Mode setting is
off -->
 <style name="LaunchTheme" parent="@android:style/Theme.Light.NoTitleBar">
 <!-- Show a splash screen on the activity. Automatically removed when
 the Flutter engine draws its first frame -->
 <item name="android:windowBackground">@drawable/launch_background</item>
 </style>
 <!-- Theme applied to the Android Window as soon as the process has started.
 This theme determines the color of the Android Window while your
 Flutter UI initializes, as well as behind your Flutter UI while its
 running.

 This Theme is only used starting with V2 of Flutter's Android embedding. -->
 <style name="NormalTheme" parent="@android:style/Theme.Light.NoTitleBar">
 <item name="android:windowBackground">?android:colorBackground</item>
 </style>
</resources>

```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\android\app\src\main\res\values-night\s**

**tyles.xml**

```

<?xml version="1.0" encoding="utf-8"?>
<resources>
 <!-- Theme applied to the Android Window while the process is starting when the OS's Dark Mode setting is
on -->
 <style name="LaunchTheme" parent="@android:style/Theme.Black.NoTitleBar">
 <!-- Show a splash screen on the activity. Automatically removed when
 the Flutter engine draws its first frame -->
 <item name="android:windowBackground">@drawable/launch_background</item>
 </style>
 <!-- Theme applied to the Android Window as soon as the process has started.
 This theme determines the color of the Android Window while your
 Flutter UI initializes, as well as behind your Flutter UI while its
 running.

 This Theme is only used starting with V2 of Flutter's Android embedding. -->
 <style name="NormalTheme" parent="@android:style/Theme.Black.NoTitleBar">
 <item name="android:windowBackground">?android:colorBackground</item>
 </style>
</resources>

```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\android\app\src\profile\AndroidManifest.xml**

```
<manifest xmlns:android="http://schemas.android.com/apk/res/android">
 <!-- The INTERNET permission is required for development. Specifically,
 the Flutter tool needs it to communicate with the running application
 to allow setting breakpoints, to provide hot reload, etc.
 -->
 <uses-permission android:name="android.permission.INTERNET"/>
</manifest>
```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\android\gradle\wrapper\gradle-wrapper.properties**

```
distributionBase=GRADLE_USER_HOME
distributionPath=wrapper/dists
zipStoreBase=GRADLE_USER_HOME
zipStorePath=wrapper/dists
distributionUrl=https\://services.gradle.org/distributions/gradle-8.12-all.zip
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\assets\Logowhnp1.svg**

```
<svg width="402" height="391" viewBox="0 0 402 391" fill="none" xmlns="http://www.w3.org/2000/svg">
<path d="M129 297L258 396L258 198L129 297Z" fill="#207BB5"/>
<path d="M258 198L387 297L387 99L258 198Z" fill="#207BB5"/>
<path d="M258 396L387 297L387 258 258 396Z" fill="#207BB5"/>
<path d="M129 99.0002L3.91724e-05 198L4.57764e-05 0L129 99.0002Z" fill="#135EA2"/>
<path d="M387 297L258 396L258 198L387 297Z" fill="#135EA2"/>
<path d="M258 198L129 297L129 99L258 198Z" fill="#135EA2"/>
<path d="M129 297L3.91724e-05 396L4.57764e-05 198L129 297Z" fill="#135EA2"/>
<path d="M258 396L129 297L129 258 258 396Z" fill="#135EA2"/>
<path d="M-4.32743e-06 198L129 297L129 99L-4.32743e-06 198Z" fill="#207BB5"/>
<path d="M387 297L516 396L516 198L387 297Z" fill="#207BB5"/>
<path d="M516 198L387 297L387 99L516 198Z" fill="#135EA2"/>
<path d="M516 396L387 297L387 258 516 396Z" fill="#135EA2"/>
</svg>
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\assets\LOGOWHS.svg**

```
<svg width="297" height="766" viewBox="0 0 297 766" fill="none" xmlns="http://www.w3.org/2000/svg">
<path d="M297 802L396 673L198 673L297 802Z" fill="#207BB5"/>
<path d="M99.0002 802L198 673L-5.63877e-06 673L99.0002 802Z" fill="#207BB5"/>
<path d="M297 544L396 415L198 415L297 544Z" fill="#207BB5"/>
<path d="M198 415L297 286L198 286L198 415Z" fill="#207BB5"/>
<path d="M99.0002 544L198 673L5.63877e-06 673L99.0002 544Z" fill="#135EA2"/>
<path d="M297 286L396 415L198 415L297 286Z" fill="#135EA2"/>
<path d="M198 415L297 544L198 544L198 415Z" fill="#135EA2"/>
<path d="M297 544L396 673L198 673L297 544Z" fill="#135EA2"/>
<path d="M198 673L297 544L198 544L198 673Z" fill="#207BB5"/>
<path d="M198 673L99 802L297 802L198 673Z" fill="#135EA2"/>
<path d="M297 286L396 157L198 157L297 286Z" fill="#135EA2"/>
<path d="M297 286L396 157L198 157L297 286Z" fill="#207BB5"/>
```

```
<path d="M198 157L297 286L199 286L198 157Z" fill="#135EA2"/>
</svg>
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\assets\images\menu\_background.svg**

```
<?xml version="1.0" encoding="UTF-8"?>
<svg width="802" height="396" xmlns="http://www.w3.org/2000/svg">
 <rect width="802" height="396" fill="#E5F3FF" opacity="0.3"/>
 <text x="401" y="198" text-anchor="middle" font-family="Arial" font-size="24" fill="#135EA2">Menu
Background</text>
</svg>
```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\assets\images\profile\_background.svg**

```
<?xml version="1.0" encoding="UTF-8"?>
<svg width="802" height="396" xmlns="http://www.w3.org/2000/svg">
 <rect width="802" height="396" fill="#E5F3FF" opacity="0.3"/>
 <text x="401" y="198" text-anchor="middle" font-family="Arial" font-size="24" fill="#207BB5">Profile
Background</text>
</svg>
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\.gitignore**

```
*/dgph
*.modelv3
*.mode2v3
*.moved-aside
*.pbxuser
*.perspectivev3
**/*sync/
.sconsign.dblite
.tags*
**/.vagrant/
**/DerivedData/
Icon?
**/Pods/
**/.symlinks/
profile
xcuserdata
**/.generated/
Flutter/App.framework
Flutter/Flutter.framework
Flutter/Flutter.podspec
Flutter/Generated.xcconfig
Flutter/ephemeral/
Flutter/app.flx
Flutter/app.zip
Flutter/flutter_assets/
Flutter/flutter_export_environment.sh
ServiceDefinitions.json
Runner/GeneratedPluginRegistrant.*

Exceptions to above rules.
!default.modelv3
!default.mode2v3
!default.pbxuser
!default.perspectivev3
```



**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Flutter\AppFrameworkInfo.plist**

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
 <key>CFBundleDevelopmentRegion</key>
 <string>en</string>
 <key>CFBundleExecutable</key>
 <string>App</string>
 <key>CFBundleIdentifier</key>
 <string>io.flutter.flutter.app</string>
 <key>CFBundleInfoDictionaryVersion</key>
 <string>6.0</string>
 <key>CFBundleName</key>
 <string>App</string>
 <key>CFBundlePackageType</key>
 <string>FMWK</string>
 <key>CFBundleShortVersionString</key>
 <string>1.0</string>
 <key>CFBundleSignature</key>
 <string>???</string>
 <key>CFBundleVersion</key>
 <string>1.0</string>
 <key>MinimumOSVersion</key>
 <string>12.0</string>
</dict>
</plist>
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Flutter\Debug.xcconfig**

```
#include "Generated.xcconfig"
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Flutter\Release.xcconfig**

```
#include "Generated.xcconfig"
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Runner\AppDelegate.swift**

```
import Flutter
import UIKit

@main
@objc class AppDelegate: FlutterAppDelegate {
 override func application(
 _ application: UIApplication,
 didFinishLaunchingWithOptions launchOptions: [UIApplication.LaunchOptionsKey: Any]?
) -> Bool {
 GeneratedPluginRegistrant.register(with: self)
 return super.application(application, didFinishLaunchingWithOptions: launchOptions)
 }
}
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Runner\Info.plist**

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
 <key>CFBundleDevelopmentRegion</key>
 <string>$(DEVELOPMENT_LANGUAGE)</string>
 <key>CFBundleDisplayName</key>
 <string>Wismon Keuangan</string>
 <key>CFBundleExecutable</key>
 <string>$(EXECUTABLE_NAME)</string>
 <key>CFBundleIdentifier</key>
 <string>$(PRODUCT_BUNDLE_IDENTIFIER)</string>
 <key>CFBundleInfoDictionaryVersion</key>
 <string>6.0</string>
 <key>CFBundleName</key>
 <string>wismon_keuangan</string>
 <key>CFBundlePackageType</key>
 <string>APPL</string>
 <key>CFBundleShortVersionString</key>
 <string>$(FLUTTER_BUILD_NAME)</string>
 <key>CFBundleSignature</key>
 <string>???</string>
 <key>CFBundleVersion</key>
 <string>$(FLUTTER_BUILD_NUMBER)</string>
 <key>LSRequiresIPhoneOS</key>
 <true/>
 <key>UILaunchStoryboardName</key>
 <string>LaunchScreen</string>
 <key>UIMainStoryboardFile</key>
 <string>Main</string>
 <key>UISupportedInterfaceOrientations</key>
 <array>
 <string>UIInterfaceOrientationPortrait</string>
 <string>UIInterfaceOrientationLandscapeLeft</string>
 <string>UIInterfaceOrientationLandscapeRight</string>
 </array>
 <key>UISupportedInterfaceOrientations~ipad</key>
 <array>
 <string>UIInterfaceOrientationPortrait</string>
 <string>UIInterfaceOrientationPortraitUpsideDown</string>
 <string>UIInterfaceOrientationLandscapeLeft</string>
 <string>UIInterfaceOrientationLandscapeRight</string>
 </array>
 <key>CADisableMinimumFrameDurationOnPhone</key>
 <true/>
 <key>UIApplicationSupportsIndirectInputEvents</key>
 <true/>
</dict>
</plist>
```

**File:**

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Runner\Runner-Bridging-Header.h

```
#import "GeneratedPluginRegistrant.h"
```

**File:**

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Runner\Assets.xcassets\AppIcon.appi

conset\Contents.json

```
{
 "images" : [
 {
 "size" : "20x20",
 "idiom" : "iphone",
 "filename" : "Icon-App-20x20@2x.png",
 "scale" : "2x"
 },
 {
 "size" : "20x20",
 "idiom" : "iphone",
 "filename" : "Icon-App-20x20@3x.png",
 "scale" : "3x"
 },
 {
 "size" : "29x29",
 "idiom" : "iphone",
 "filename" : "Icon-App-29x29@1x.png",
 "scale" : "1x"
 },
 {
 "size" : "29x29",
 "idiom" : "iphone",
 "filename" : "Icon-App-29x29@2x.png",
 "scale" : "2x"
 },
 {
 "size" : "29x29",
 "idiom" : "iphone",
 "filename" : "Icon-App-29x29@3x.png",
 "scale" : "3x"
 },
 {
 "size" : "40x40",
 "idiom" : "iphone",
 "filename" : "Icon-App-40x40@2x.png",
 "scale" : "2x"
 },
 {
 "size" : "40x40",
 "idiom" : "iphone",
 "filename" : "Icon-App-40x40@3x.png",
 "scale" : "3x"
 },
 {
 "size" : "60x60",
 "idiom" : "iphone",
 "filename" : "Icon-App-60x60@2x.png",
 "scale" : "2x"
 },
 {
 "size" : "60x60",
 "idiom" : "iphone",
 "filename" : "Icon-App-60x60@3x.png",
 "scale" : "3x"
 },
 {
 "size" : "20x20",
 "idiom" : "ipad",
 "filename" : "Icon-App-20x20@1x.png",
 "scale" : "1x"
 },
 {
 "size" : "20x20",
 "idiom" : "ipad",
 "filename" : "Icon-App-20x20@2x.png",
```

```

 "scale" : "2x"
 },
 {
 "size" : "29x29",
 "idiom" : "ipad",
 "filename" : "Icon-App-29x29@1x.png",
 "scale" : "1x"
 },
 {
 "size" : "29x29",
 "idiom" : "ipad",
 "filename" : "Icon-App-29x29@2x.png",
 "scale" : "2x"
 },
 {
 "size" : "40x40",
 "idiom" : "ipad",
 "filename" : "Icon-App-40x40@1x.png",
 "scale" : "1x"
 },
 {
 "size" : "40x40",
 "idiom" : "ipad",
 "filename" : "Icon-App-40x40@2x.png",
 "scale" : "2x"
 },
 {
 "size" : "76x76",
 "idiom" : "ipad",
 "filename" : "Icon-App-76x76@1x.png",
 "scale" : "1x"
 },
 {
 "size" : "76x76",
 "idiom" : "ipad",
 "filename" : "Icon-App-76x76@2x.png",
 "scale" : "2x"
 },
 {
 "size" : "83.5x83.5",
 "idiom" : "ipad",
 "filename" : "Icon-App-83.5x83.5@2x.png",
 "scale" : "2x"
 },
 {
 "size" : "1024x1024",
 "idiom" : "ios-marketing",
 "filename" : "Icon-App-1024x1024@1x.png",
 "scale" : "1x"
 }
],
"info" : {
 "version" : 1,
 "author" : "xcode"
}
}

```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Runner\Assets.xcassets\LaunchImage.**

**imageset\Contents.json**

```
{
 "images" : [
 {
 "idiom" : "universal",
 "filename" : "LaunchImage.png",
 "scale" : "1x"
 },
 {
 "idiom" : "universal",
 "filename" : "LaunchImage@2x.png",
 "scale" : "2x"
 },
 {
 "idiom" : "universal",
 "filename" : "LaunchImage@3x.png",
 "scale" : "3x"
 }
],
 "info" : {
 "version" : 1,
 "author" : "xcode"
 }
}
```

#### File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Runner\Assets.xcassets\LaunchImage.

#### imageset\README.md

# Launch Screen Assets

You can customize the launch screen with your own desired assets by replacing the image files in this directory.

You can also do it by opening your Flutter project's Xcode project with `open ios/Runner.xcworkspace`, selecting `Runner/Assets.xcassets` in the Project Navigator and dropping in the desired images.

#### File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Runner\Base.lproj\LaunchScreen.stor

#### yboard

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<document type="com.apple.InterfaceBuilder3.CocoaTouch.Storyboard.XIB" version="3.0" toolsVersion="12121"
systemVersion="16G29" targetRuntime="iOS.CocoaTouch" propertyAccessControl="none" useAutolayout="YES"
launchScreen="YES" colorMatched="YES" initialViewController="01J-lp-oVM">
 <dependencies>
 <deployment identifier="iOS"/>
 <plugin identifier="com.apple.InterfaceBuilder.IBCocoaTouchPlugin" version="12089"/>
 </dependencies>
 <scenes>
 <!--View Controller-->
 <scene sceneID="EHf-IW-A2E">
 <objects>
 <viewController id="01J-lp-oVM" sceneMemberID="viewController">
 <layoutGuides>
 <viewControllerLayoutGuide type="top" id="Ydg-fD-yQy"/>
 <viewControllerLayoutGuide type="bottom" id="xbc-2k-c8Z"/>
 </layoutGuides>
```

```

 <view key="view" contentMode="scaleToFill" id="Ze5-6b-2t3">
 <autoresizingMask key="autoresizingMask" widthSizable="YES" heightSizable="YES" />
 <subviews>
 <imageView opaque="NO" clipsSubviews="YES" multipleTouchEnabled="YES"
contentMode="center" image="LaunchImage" translatesAutoresizingMaskIntoConstraints="NO" id="YRO-k0-Ey4">
 </imageView>
 </subviews>
 <color key="backgroundColor" red="1" green="1" blue="1" alpha="1" colorSpace="custom"
customColorSpace="sRGB" />
 <constraints>
 <constraint firstItem="YRO-k0-Ey4" firstAttribute="centerX" secondItem="Ze5-6b-2t3"
secondAttribute="centerX" id="1a2-6s-vTC" />
 <constraint firstItem="YRO-k0-Ey4" firstAttribute="centerY" secondItem="Ze5-6b-2t3"
secondAttribute="centerY" id="4X2-HB-R7a" />
 </constraints>
 </view>
 </viewController>
 <placeholder placeholderIdentifier="IBFirstResponder" id="iYj-Kq-Ea1" userLabel="First
Responder" sceneMemberID="firstResponder" />
 </objects>
 <point key="canvasLocation" x="53" y="375" />
</scene>
</scenes>
<resources>
 <image name="LaunchImage" width="168" height="185" />
</resources>
</document>

```

## File:

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Runner\Base.lproj>Main.storyboard**

```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<document type="com.apple.InterfaceBuilder3.CocoaTouch.Storyboard.XIB" version="3.0" toolsVersion="10117"
systemVersion="15F34" targetRuntime="iOS.CocoaTouch" propertyAccessControl="none" useAutolayout="YES"
useTraitCollections="YES" initialViewController="BYZ-38-t0r">
 <dependencies>
 <deployment identifier="iOS" />
 <plugin identifier="com.apple.InterfaceBuilder.IBCocoaTouchPlugin" version="10085" />
 </dependencies>
 <scenes>
 <!--Flutter View Controller-->
 <scene sceneID="tne-QT-ifu">
 <objects>
 <viewController id="BYZ-38-t0r" customClass="FlutterViewController"
sceneMemberID="viewController">
 <layoutGuides>
 <viewControllerLayoutGuide type="top" id="y3c-jy-aDJ" />
 <viewControllerLayoutGuide type="bottom" id="wfy-db-euE" />
 </layoutGuides>
 <view key="view" contentMode="scaleToFill" id="8bC-Xf-vdC">
 <rect key="frame" x="0.0" y="0.0" width="600" height="600" />
 <autoresizingMask key="autoresizingMask" widthSizable="YES" heightSizable="YES" />
 <color key="backgroundColor" white="1" alpha="1" colorSpace="custom"
customColorSpace="calibratedWhite" />
 </view>
 </viewController>
 <placeholder placeholderIdentifier="IBFirstResponder" id="dkx-z0-nzr"
sceneMemberID="firstResponder" />
 </objects>
 </scene>
 </scenes>
</document>

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Runner.xcodeproj\project.pbxproj

```
// !$*UTF8*$!
{
 archiveVersion = 1;
 classes = {
 };
 objectVersion = 54;
 objects = {

/* Begin PBXBuildFile section */
 1498D2341E8E89220040F4C2 /* GeneratedPluginRegistrant.m in Sources */ = {isa = PBXBuildFile; fileRef = 1498D2331E8E89220040F4C2 /* GeneratedPluginRegistrant.m */; };
 331C808B294A63AB00263BE5 /* RunnerTests.swift in Sources */ = {isa = PBXBuildFile; fileRef = 331C807B294A618700263BE5 /* RunnerTests.swift */; };
 3B3967161E833CAA004F5970 /* AppFrameworkInfo.plist in Resources */ = {isa = PBXBuildFile; fileRef = 3B3967151E833CAA004F5970 /* AppFrameworkInfo.plist */; };
 74858FAF1ED2DC5600515810 /* AppDelegate.swift in Sources */ = {isa = PBXBuildFile; fileRef = 74858FAE1ED2DC5600515810 /* AppDelegate.swift */; };
 97C146FC1CF9000F007C117D /* Main.storyboard in Resources */ = {isa = PBXBuildFile; fileRef = 97C146FAC1CF9000F007C117D /* Main.storyboard */; };
 97C146FE1CF9000F007C117D /* Assets.xcassets in Resources */ = {isa = PBXBuildFile; fileRef = 97C146FD1CF9000F007C117D /* Assets.xcassets */; };
 97C147011CF9000F007C117D /* LaunchScreen.storyboard in Resources */ = {isa = PBXBuildFile; fileRef = 97C146FF1CF9000F007C117D /* LaunchScreen.storyboard */; };
/* End PBXBuildFile section */

/* Begin PBXContainerItemProxy section */
 331C8085294A63A400263BE5 /* PBXContainerItemProxy */ = {
 isa = PBXContainerItemProxy;
 containerPortal = 97C146E61CF9000F007C117D /* Project object */;
 proxyType = 1;
 remoteGlobalIDString = 97C146ED1CF9000F007C117D;
 remoteInfo = Runner;
 };
/* End PBXContainerItemProxy section */

/* Begin PBXCopyFilesBuildPhase section */
 9705A1C41CF9048500538489 /* Embed Frameworks */ = {
 isa = PBXCopyFilesBuildPhase;
 buildActionMask = 2147483647;
 dstPath = "";
 dstSubfolderSpec = 10;
 files = (
);
 name = "Embed Frameworks";
 runOnlyForDeploymentPostprocessing = 0;
 };
/* End PBXCopyFilesBuildPhase section */

/* Begin PBXFileReference section */
 1498D2321E8E86230040F4C2 /* GeneratedPluginRegistrant.h */ = {isa = PBXFileReference; lastKnownFileType = sourcecode.c.h; path = GeneratedPluginRegistrant.h; sourceTree = "<group>"; };
 1498D2331E8E89220040F4C2 /* GeneratedPluginRegistrant.m */ = {isa = PBXFileReference; fileEncoding = 4; lastKnownFileType = sourcecode.c.objc; path = GeneratedPluginRegistrant.m; sourceTree = "<group>"; };
 331C807B294A618700263BE5 /* RunnerTests.swift */ = {isa = PBXFileReference; lastKnownFileType = sourcecode.swift; path = RunnerTests.swift; sourceTree = "<group>"; };
 331C8081294A63A400263BE5 /* RunnerTests.xctest */ = {isa = PBXFileReference; explicitFileType = wrapper.cfbundle; includeInIndex = 0; path = RunnerTests.xctest; sourceTree = BUILT_PRODUCTS_DIR; };
 3B3967151E833CAA004F5970 /* AppFrameworkInfo.plist */ = {isa = PBXFileReference; fileEncoding = 4; lastKnownFileType = text.plist.xml; name = AppFrameworkInfo.plist; path = Flutter/AppFrameworkInfo.plist; sourceTree = "<group>"; };
 74858FAD1ED2DC5600515810 /* Runner-Bridging-Header.h */ = {isa = PBXFileReference; lastKnownFileType =
```

```

sourcecode.c.h; path = "Runner-Bridging-Header.h"; sourceTree = "<group>"; };
74858FAE1ED2DC5600515810 /* AppDelegate.swift */ = {isa = PBXFileReference; fileEncoding = 4;
lastKnownFileType = sourcecode.swift; path = AppDelegate.swift; sourceTree = "<group>"; };
7AFA3C8E1D35360C0083082E /* Release.xcconfig */ = {isa = PBXFileReference; lastKnownFileType = text.xcconfig;
name = Release.xcconfig; path = Flutter/Release.xcconfig; sourceTree = "<group>"; };
9740EEB21CF90195004384FC /* Debug.xcconfig */ = {isa = PBXFileReference; fileEncoding = 4; lastKnownFileType
= text.xcconfig; name = Debug.xcconfig; path = Flutter/Debug.xcconfig; sourceTree = "<group>"; };
9740EEB31CF90195004384FC /* Generated.xcconfig */ = {isa = PBXFileReference; fileEncoding = 4;
lastKnownFileType = text.xcconfig; name = Generated.xcconfig; path = Flutter/Generated.xcconfig; sourceTree =
"<group>"; };
97C146EE1CF9000F007C117D /* Runner.app */ = {isa = PBXFileReference; explicitFileType = wrapper.application;
includeInIndex = 0; path = Runner.app; sourceTree = BUILT_PRODUCTS_DIR; };
97C146FB1CF9000F007C117D /* Base */ = {isa = PBXFileReference; lastKnownFileType = file.storyboard; name =
Base; path = Base.lproj/Main.storyboard; sourceTree = "<group>"; };
97C146FD1CF9000F007C117D /* Assets.xcassets */ = {isa = PBXFileReference; lastKnownFileType =
folder.assetcatalog; path = Assets.xcassets; sourceTree = "<group>"; };
97C147001CF9000F007C117D /* Base */ = {isa = PBXFileReference; lastKnownFileType = file.storyboard; name =
Base; path = Base.lproj/LaunchScreen.storyboard; sourceTree = "<group>"; };
97C147021CF9000F007C117D /* Info.plist */ = {isa = PBXFileReference; lastKnownFileType = text.plist.xml; path
= Info.plist; sourceTree = "<group>"; };
/* End PBXFileReference section */

/* Begin PBXFrameworksBuildPhase section */
97C146EB1CF9000F007C117D /* Frameworks */ = {
isa = PBXFrameworksBuildPhase;
buildActionMask = 2147483647;
files = (
);
runOnlyForDeploymentPostprocessing = 0;
};
/* End PBXFrameworksBuildPhase section */

/* Begin PBXGroup section */
331C8082294A63A400263BE5 /* RunnerTests */ = {
isa = PBXGroup;
children = (
331C807B294A618700263BE5 /* RunnerTests.swift *//,
);
path = RunnerTests;
sourceTree = "<group>";
};
9740EEB11CF90186004384FC /* Flutter */ = {
isa = PBXGroup;
children = (
3B3967151E833CAA004F5970 /* AppFrameworkInfo.plist *//,
9740EEB21CF90195004384FC /* Debug.xcconfig *//,
7AFA3C8E1D35360C0083082E /* Release.xcconfig *//,
9740EEB31CF90195004384FC /* Generated.xcconfig *//,
);
name = Flutter;
sourceTree = "<group>";
};
97C146E51CF9000F007C117D = {
isa = PBXGroup;
children = (
9740EEB11CF90186004384FC /* Flutter *//,
97C146F01CF9000F007C117D /* Runner *//,
97C146EF1CF9000F007C117D /* Products *//,
331C8082294A63A400263BE5 /* RunnerTests *//,
);
sourceTree = "<group>";
};
97C146EF1CF9000F007C117D /* Products */ = {
isa = PBXGroup;
children = (
97C146EE1CF9000F007C117D /* Runner.app *//,

```



```

 331C8081294A63A400263BE5 /* RunnerTests.xctest */,
);
name = Products;
sourceTree = "<group>";
};
97C146F01CF9000F007C117D /* Runner */ = {
 isa = PBXGroup;
 children = (
 97C146FA1CF9000F007C117D /* Main.storyboard */,
 97C146FD1CF9000F007C117D /* Assets.xcassets */,
 97C146FF1CF9000F007C117D /* LaunchScreen.storyboard */,
 97C147021CF9000F007C117D /* Info.plist */,
 1498D2321E8E86230040F4C2 /* GeneratedPluginRegistrant.h */,
 1498D2331E8E89220040F4C2 /* GeneratedPluginRegistrant.m */,
 74858FAE1ED2DC5600515810 /* AppDelegate.swift */,
 74858FAD1ED2DC5600515810 /* Runner-Bridging-Header.h */,
);
 path = Runner;
 sourceTree = "<group>";
};
/* End PBXGroup section */

/* Begin PBXNativeTarget section */
331C8080294A63A400263BE5 /* RunnerTests */ = {
 isa = PBXNativeTarget;
 buildConfigurationList = 331C8087294A63A400263BE5 /* Build configuration list for PBXNativeTarget
"RunnerTests" */;
 buildPhases = (
 331C807D294A63A400263BE5 /* Sources */,
 331C807F294A63A400263BE5 /* Resources */,
);
 buildRules = (
);
 dependencies = (
 331C8086294A63A400263BE5 /* PBXTargetDependency */,
);
 name = RunnerTests;
 productName = RunnerTests;
 productReference = 331C8081294A63A400263BE5 /* RunnerTests.xctest */;
 productType = "com.apple.product-type.bundle.unit-test";
};
97C146ED1CF9000F007C117D /* Runner */ = {
 isa = PBXNativeTarget;
 buildConfigurationList = 97C147051CF9000F007C117D /* Build configuration list for PBXNativeTarget "Runner"
*/;
 buildPhases = (
 9740EEB61CF901F6004384FC /* Run Script */,
 97C146EA1CF9000F007C117D /* Sources */,
 97C146EB1CF9000F007C117D /* Frameworks */,
 97C146EC1CF9000F007C117D /* Resources */,
 9705A1C41CF9048500538489 /* Embed Frameworks */,
 3B06AD1E1E4923F5004D2608 /* Thin Binary */,
);
 buildRules = (
);
 dependencies = (
);
 name = Runner;
 productName = Runner;
 productReference = 97C146EE1CF9000F007C117D /* Runner.app */;
 productType = "com.apple.product-type.application";
};
/* End PBXNativeTarget section */

/* Begin PBXProject section */
97C146E61CF9000F007C117D /* Project object */ = {

```

```

isa = PBXProject;
attributes = {
 BuildIndependentTargetsInParallel = YES;
 LastUpgradeCheck = 1510;
 ORGANIZATIONNAME = "";
 TargetAttributes = {
 331C8080294A63A400263BE5 = {
 CreatedOnToolsVersion = 14.0;
 TestTargetID = 97C146ED1CF9000F007C117D;
 };
 97C146ED1CF9000F007C117D = {
 CreatedOnToolsVersion = 7.3.1;
 LastSwiftMigration = 1100;
 };
 };
};
buildConfigurationList = 97C146E91CF9000F007C117D /* Build configuration list for PBXProject "Runner" */;
compatibilityVersion = "Xcode 9.3";
developmentRegion = en;
hasScannedForEncodings = 0;
knownRegions = (
 en,
 Base,
);
mainGroup = 97C146E51CF9000F007C117D;
productRefGroup = 97C146EF1CF9000F007C117D /* Products */;
projectDirPath = "";
projectRoot = "";
targets = (
 97C146ED1CF9000F007C117D /* Runner */,
 331C8080294A63A400263BE5 /* RunnerTests */,
);
/* End PBXProject section */

/* Begin PBXResourcesBuildPhase section */
331C807F294A63A400263BE5 /* Resources */ = {
 isa = PBXResourcesBuildPhase;
 buildActionMask = 2147483647;
 files = (
);
 runOnlyForDeploymentPostprocessing = 0;
};
97C146EC1CF9000F007C117D /* Resources */ = {
 isa = PBXResourcesBuildPhase;
 buildActionMask = 2147483647;
 files = (
 97C147011CF9000F007C117D /* LaunchScreen.storyboard in Resources */,
 3B3967161E833CAA004F5970 /* AppFrameworkInfo.plist in Resources */,
 97C146FE1CF9000F007C117D /* Assets.xcassets in Resources */,
 97C146FC1CF9000F007C117D /* Main.storyboard in Resources */,
);
 runOnlyForDeploymentPostprocessing = 0;
};
/* End PBXResourcesBuildPhase section */

/* Begin PBXShellScriptBuildPhase section */
3B06AD1E1E4923F5004D2608 /* Thin Binary */ = {
 isa = PBXShellScriptBuildPhase;
 alwaysOutOfDate = 1;
 buildActionMask = 2147483647;
 files = (
);
 inputPaths = (
 "${TARGET_BUILD_DIR}/${INFOPLIST_PATH}",
);
};

```

```

name = "Thin Binary";
outputPaths = (
);
runOnlyForDeploymentPostprocessing = 0;
shellPath = /bin/sh;
shellScript = "/bin/sh \"\${FLUTTER_ROOT}/packages/flutter_tools/bin/xcode_backend.sh\" embed_and_thin";
};
9740EEB61CF901F6004384FC /* Run Script */ = {
isa = PBXShellScriptBuildPhase;
alwaysOutOfDate = 1;
buildActionMask = 2147483647;
files = (
);
inputPaths = (
);
name = "Run Script";
outputPaths = (
);
runOnlyForDeploymentPostprocessing = 0;
shellPath = /bin/sh;
shellScript = "/bin/sh \"\${FLUTTER_ROOT}/packages/flutter_tools/bin/xcode_backend.sh\" build";
};
/* End PBXShellScriptBuildPhase section */

/* Begin PBXSourcesBuildPhase section */
331C807D294A63A400263BE5 /* Sources */ = {
isa = PBXSourcesBuildPhase;
buildActionMask = 2147483647;
files = (
331C808B294A63AB00263BE5 /* RunnerTests.swift in Sources */,
);
runOnlyForDeploymentPostprocessing = 0;
};
97C146EA1CF9000F007C117D /* Sources */ = {
isa = PBXSourcesBuildPhase;
buildActionMask = 2147483647;
files = (
74858FAF1ED2DC5600515810 /* AppDelegate.swift in Sources */,
1498D2341E8E89220040F4C2 /* GeneratedPluginRegistrant.m in Sources */,
);
runOnlyForDeploymentPostprocessing = 0;
};
/* End PBXSourcesBuildPhase section */

/* Begin PBXTargetDependency section */
331C8086294A63A400263BE5 /* PBXTargetDependency */ = {
isa = PBXTargetDependency;
target = 97C146ED1CF9000F007C117D /* Runner */;
targetProxy = 331C8085294A63A400263BE5 /* PBXContainerItemProxy */;
};
/* End PBXTargetDependency section */

/* Begin PBXVariantGroup section */
97C146FA1CF9000F007C117D /* Main.storyboard */ = {
isa = PBXVariantGroup;
children = (
97C146FB1CF9000F007C117D /* Base */,
);
name = Main.storyboard;
sourceTree = "<group>";
};
97C146FF1CF9000F007C117D /* LaunchScreen.storyboard */ = {
isa = PBXVariantGroup;
children = (
97C147001CF9000F007C117D /* Base */,
);
};

```

```

 name = LaunchScreen.storyboard;
 sourceTree = "<group>";
};
/* End PBXVariantGroup section */

/* Begin XCBuildConfiguration section */
249021D3217E4FDB00AE95B9 /* Profile */ = {
 isa = XCBuildConfiguration;
 buildSettings = {
 ALWAYS_SEARCH_USER_PATHS = NO;
 ASSETCATALOG_COMPILER_GENERATE_SWIFT_ASSET_SYMBOL_EXTENSIONS = YES;
 CLANG_ANALYZER_NONNULL = YES;
 CLANG_CXX_LANGUAGE_STANDARD = "gnu++0x";
 CLANG_CXX_LIBRARY = "libc++";
 CLANG_ENABLE_MODULES = YES;
 CLANG_ENABLE_OBJC_ARC = YES;
 CLANG_WARN_BLOCK_CAPTURE_AUTORELEASING = YES;
 CLANG_WARN_BOOL_CONVERSION = YES;
 CLANG_WARN_COMMA = YES;
 CLANG_WARN_CONSTANT_CONVERSION = YES;
 CLANG_WARN_DEPRECATED_OBJC_IMPLEMENTATIONS = YES;
 CLANG_WARN_DIRECT_OBJC_ISA_USAGE = YES_ERROR;
 CLANG_WARN_EMPTY_BODY = YES;
 CLANG_WARN_ENUM_CONVERSION = YES;
 CLANG_WARN_INFINITE_RECURSION = YES;
 CLANG_WARN_INT_CONVERSION = YES;
 CLANG_WARN_NON_LITERAL_NULL_CONVERSION = YES;
 CLANG_WARN_OBJC_IMPLICIT_RETAIN_SELF = YES;
 CLANG_WARN_OBJC_LITERAL_CONVERSION = YES;
 CLANG_WARN_OBJC_ROOT_CLASS = YES_ERROR;
 CLANG_WARN_RANGE_LOOP_ANALYSIS = YES;
 CLANG_WARN_STRICT_PROTOTYPES = YES;
 CLANG_WARN_SUSPICIOUS_MOVE = YES;
 CLANG_WARN_UNREACHABLE_CODE = YES;
 CLANG_WARN__DUPLICATE_METHOD_MATCH = YES;
 "CODE_SIGN_IDENTITY[sdk=iphones*]" = "iPhone Developer";
 COPY_PHASE_STRIP = NO;
 DEBUG_INFORMATION_FORMAT = "dwarf-with-dsym";
 ENABLE_NS_ASSERTIONS = NO;
 ENABLE_STRICT_OBJC_MSGSEND = YES;
 ENABLE_USER_SCRIPT_SANDBOXING = NO;
 GCC_C_LANGUAGE_STANDARD = gnu99;
 GCC_NO_COMMON_BLOCKS = YES;
 GCC_WARN_64_TO_32_BIT_CONVERSION = YES;
 GCC_WARN_ABOUT_RETURN_TYPE = YES_ERROR;
 GCC_WARN_UNDECLARED_SELECTOR = YES;
 GCC_WARN_UNINITIALIZED_AUTOS = YES_AGGRESSIVE;
 GCC_WARN_UNUSED_FUNCTION = YES;
 GCC_WARN_UNUSED_VARIABLE = YES;
 IPHONEOS_DEPLOYMENT_TARGET = 12.0;
 MTL_ENABLE_DEBUG_INFO = NO;
 SDKROOT = iphones;
 SUPPORTED_PLATFORMS = iphones;
 TARGETED_DEVICE_FAMILY = "1,2";
 VALIDATE_PRODUCT = YES;
 };
 name = Profile;
};
249021D4217E4FDB00AE95B9 /* Profile */ = {
 isa = XCBuildConfiguration;
 baseConfigurationReference = 7AFA3C8E1D35360C0083082E /* Release.xcconfig */;
 buildSettings = {
 ASSETCATALOG_COMPILER_APPICON_NAME = AppIcon;
 CLANG_ENABLE_MODULES = YES;
 CURRENT_PROJECT_VERSION = "$(FLUTTER_BUILD_NUMBER)";
 ENABLE_BITCODE = NO;
 };
};

```

```

INFOPLIST_FILE = Runner/Info.plist;
LD_RUNPATH_SEARCH_PATHS = (
 "$(inherited)",
 "@executable_path/Frameworks",
);
PRODUCT_BUNDLE_IDENTIFIER = com.example.wismonKeuangan;
PRODUCT_NAME = "$(TARGET_NAME)";
SWIFT_OBJC_BRIDGING_HEADER = "Runner/Runner-Bridging-Header.h";
SWIFT_VERSION = 5.0;
VERSIONING_SYSTEM = "apple-generic";
};
name = Profile;
};
331C8088294A63A400263BE5 /* Debug */ = {
 isa = XCBuildConfiguration;
 buildSettings = {
 BUNDLE_LOADER = "$(TEST_HOST)";
 CODE_SIGN_STYLE = Automatic;
 CURRENT_PROJECT_VERSION = 1;
 GENERATE_INFOPLIST_FILE = YES;
 MARKETING_VERSION = 1.0;
 PRODUCT_BUNDLE_IDENTIFIER = com.example.wismonKeuangan.RunnerTests;
 PRODUCT_NAME = "$(TARGET_NAME)";
 SWIFT_ACTIVE_COMPILATION_CONDITIONS = DEBUG;
 SWIFT_OPTIMIZATION_LEVEL = "-Onone";
 SWIFT_VERSION = 5.0;
 TEST_HOST = "$(BUILT_PRODUCTS_DIR)/Runner.app/$(BUNDLE_EXECUTABLE_FOLDER_PATH)/Runner";
 };
 name = Debug;
};
331C8089294A63A400263BE5 /* Release */ = {
 isa = XCBuildConfiguration;
 buildSettings = {
 BUNDLE_LOADER = "$(TEST_HOST)";
 CODE_SIGN_STYLE = Automatic;
 CURRENT_PROJECT_VERSION = 1;
 GENERATE_INFOPLIST_FILE = YES;
 MARKETING_VERSION = 1.0;
 PRODUCT_BUNDLE_IDENTIFIER = com.example.wismonKeuangan.RunnerTests;
 PRODUCT_NAME = "$(TARGET_NAME)";
 SWIFT_VERSION = 5.0;
 TEST_HOST = "$(BUILT_PRODUCTS_DIR)/Runner.app/$(BUNDLE_EXECUTABLE_FOLDER_PATH)/Runner";
 };
 name = Release;
};
331C808A294A63A400263BE5 /* Profile */ = {
 isa = XCBuildConfiguration;
 buildSettings = {
 BUNDLE_LOADER = "$(TEST_HOST)";
 CODE_SIGN_STYLE = Automatic;
 CURRENT_PROJECT_VERSION = 1;
 GENERATE_INFOPLIST_FILE = YES;
 MARKETING_VERSION = 1.0;
 PRODUCT_BUNDLE_IDENTIFIER = com.example.wismonKeuangan.RunnerTests;
 PRODUCT_NAME = "$(TARGET_NAME)";
 SWIFT_VERSION = 5.0;
 TEST_HOST = "$(BUILT_PRODUCTS_DIR)/Runner.app/$(BUNDLE_EXECUTABLE_FOLDER_PATH)/Runner";
 };
 name = Profile;
};
97C147031CF9000F007C117D /* Debug */ = {
 isa = XCBuildConfiguration;
 buildSettings = {
 ALWAYS_SEARCH_USER_PATHS = NO;
 ASSETCATALOG_COMPILER_GENERATE_SWIFT_ASSET_SYMBOL_EXTENSIONS = YES;
 CLANG_ANALYZER_NONNULL = YES;
 };
};

```

```

CLANG_CXX_LANGUAGE_STANDARD = "gnu++0x";
CLANG_CXX_LIBRARY = "libc++";
CLANG_ENABLE_MODULES = YES;
CLANG_ENABLE_OBJC_ARC = YES;
CLANG_WARN_BLOCK_CAPTURE_AUTORELEASING = YES;
CLANG_WARN_BOOL_CONVERSION = YES;
CLANG_WARN_COMMA = YES;
CLANG_WARN_CONSTANT_CONVERSION = YES;
CLANG_WARN_DEPRECATED_OBJC_IMPLEMENTATIONS = YES;
CLANG_WARN_DIRECT_OBJC_ISA_USAGE = YES_ERROR;
CLANG_WARN_EMPTY_BODY = YES;
CLANG_WARN_ENUM_CONVERSION = YES;
CLANG_WARN_INFINITE_RECURSION = YES;
CLANG_WARN_INT_CONVERSION = YES;
CLANG_WARN_NON_LITERAL_NULL_CONVERSION = YES;
CLANG_WARN_OBJC_IMPLICIT_RETAIN_SELF = YES;
CLANG_WARN_OBJC_LITERAL_CONVERSION = YES;
CLANG_WARN_OBJC_ROOT_CLASS = YES_ERROR;
CLANG_WARN_RANGE_LOOP_ANALYSIS = YES;
CLANG_WARN_STRICT_PROTOTYPES = YES;
CLANG_WARN_SUSPICIOUS_MOVE = YES;
CLANG_WARN_UNREACHABLE_CODE = YES;
CLANG_WARN__DUPLICATE_METHOD_MATCH = YES;
"CODE_SIGN_IDENTITY[sdk=iphoneos*]" = "iPhone Developer";
COPY_PHASE_STRIP = NO;
DEBUG_INFORMATION_FORMAT = dwarf;
ENABLE_STRICT_OBJC_MSGSEND = YES;
ENABLE_TESTABILITY = YES;
ENABLE_USER_SCRIPT_SANDBOXING = NO;
GCC_C_LANGUAGE_STANDARD = gnu99;
GCC_DYNAMIC_NO_PIC = NO;
GCC_NO_COMMON_BLOCKS = YES;
GCC_OPTIMIZATION_LEVEL = 0;
GCC_PREPROCESSOR_DEFINITIONS = (
 "DEBUG=1",
 "$(inherited)",
);
GCC_WARN_64_TO_32_BIT_CONVERSION = YES;
GCC_WARN_ABOUT_RETURN_TYPE = YES_ERROR;
GCC_WARN_UNDECLARED_SELECTOR = YES;
GCC_WARN_UNINITIALIZED_AUTOS = YES_AGGRESSIVE;
GCC_WARN_UNUSED_FUNCTION = YES;
GCC_WARN_UNUSED_VARIABLE = YES;
IPHONEOS_DEPLOYMENT_TARGET = 12.0;
MTL_ENABLE_DEBUG_INFO = YES;
ONLY_ACTIVE_ARCH = YES;
SDKROOT = iphoneos;
TARGETED_DEVICE_FAMILY = "1,2";
};
name = Debug;
};
97C147041CF9000F007C117D /* Release */ = {
 isa = XCBuildConfiguration;
 buildSettings = {
 ALWAYS_SEARCH_USER_PATHS = NO;
 ASSETCATALOG_COMPILER_GENERATE_SWIFT_ASSET_SYMBOL_EXTENSIONS = YES;
 CLANG_ANALYZER_NONNULL = YES;
 CLANG_CXX_LANGUAGE_STANDARD = "gnu++0x";
 CLANG_CXX_LIBRARY = "libc++";
 CLANG_ENABLE_MODULES = YES;
 CLANG_ENABLE_OBJC_ARC = YES;
 CLANG_WARN_BLOCK_CAPTURE_AUTORELEASING = YES;
 CLANG_WARN_BOOL_CONVERSION = YES;
 CLANG_WARN_COMMA = YES;
 CLANG_WARN_CONSTANT_CONVERSION = YES;
 CLANG_WARN_DEPRECATED_OBJC_IMPLEMENTATIONS = YES;

```

```

CLANG_WARN_DIRECT_OBJC_ISA_USAGE = YES_ERROR;
CLANG_WARN_EMPTY_BODY = YES;
CLANG_WARN_ENUM_CONVERSION = YES;
CLANG_WARN_INFINITE_RECURSION = YES;
CLANG_WARN_INT_CONVERSION = YES;
CLANG_WARN_NON_LITERAL_NULL_CONVERSION = YES;
CLANG_WARN_OBJC_IMPLICIT_RETAIN_SELF = YES;
CLANG_WARN_OBJC_LITERAL_CONVERSION = YES;
CLANG_WARN_OBJC_ROOT_CLASS = YES_ERROR;
CLANG_WARN_RANGE_LOOP_ANALYSIS = YES;
CLANG_WARN_STRICT_PROTOTYPES = YES;
CLANG_WARN_SUSPICIOUS_MOVE = YES;
CLANG_WARN_UNREACHABLE_CODE = YES;
CLANG_WARN__DUPLICATE_METHOD_MATCH = YES;
"CODE_SIGN_IDENTITY[sdk=iphoneos]" = "iPhone Developer";
COPY_PHASE_STRIP = NO;
DEBUG_INFORMATION_FORMAT = "dwarf-with-dsym";
ENABLE_NS_ASSERTIONS = NO;
ENABLE_STRICT_OBJC_MSGSEND = YES;
ENABLE_USER_SCRIPT_SANDBOXING = NO;
GCC_C_LANGUAGE_STANDARD = gnu99;
GCC_NO_COMMON_BLOCKS = YES;
GCC_WARN_64_TO_32_BIT_CONVERSION = YES;
GCC_WARN_ABOUT_RETURN_TYPE = YES_ERROR;
GCC_WARN_UNDECLARED_SELECTOR = YES;
GCC_WARN_UNINITIALIZED_AUTOS = YES_AGGRESSIVE;
GCC_WARN_UNUSED_FUNCTION = YES;
GCC_WARN_UNUSED_VARIABLE = YES;
IPHONEOS_DEPLOYMENT_TARGET = 12.0;
MTL_ENABLE_DEBUG_INFO = NO;
SDKROOT = iphoneos;
SUPPORTED_PLATFORMS = iphoneos;
SWIFT_COMPILATION_MODE = wholemodule;
SWIFT_OPTIMIZATION_LEVEL = "-O";
TARGETED_DEVICE_FAMILY = "1,2";
VALIDATE_PRODUCT = YES;
};
name = Release;
};
97C147061CF9000F007C117D /* Debug */ = {
 isa = XCBuildConfiguration;
 baseConfigurationReference = 9740EEB21CF90195004384FC /* Debug.xcconfig */;
 buildSettings = {
 ASSETCATALOG_COMPILER_APPICON_NAME = AppIcon;
 CLANG_ENABLE_MODULES = YES;
 CURRENT_PROJECT_VERSION = "$(FLUTTER_BUILD_NUMBER)";
 ENABLE_BITCODE = NO;
 INFOPLIST_FILE = Runner/Info.plist;
 LD_RUNPATH_SEARCH_PATHS = (
 "$(inherited)",
 "@executable_path/Frameworks",
);
 PRODUCT_BUNDLE_IDENTIFIER = com.example.wismonKeuangan;
 PRODUCT_NAME = "$(TARGET_NAME)";
 SWIFT_OBJC_BRIDGING_HEADER = "Runner/Runner-Bridging-Header.h";
 SWIFT_OPTIMIZATION_LEVEL = "-Onone";
 SWIFT_VERSION = 5.0;
 VERSIONING_SYSTEM = "apple-generic";
 };
 name = Debug;
};
97C147071CF9000F007C117D /* Release */ = {
 isa = XCBuildConfiguration;
 baseConfigurationReference = 7AFA3C8E1D35360C0083082E /* Release.xcconfig */;
 buildSettings = {
 ASSETCATALOG_COMPILER_APPICON_NAME = AppIcon;

```

```

CLANG_ENABLE_MODULES = YES;
CURRENT_PROJECT_VERSION = "$(FLUTTER_BUILD_NUMBER)";
ENABLE_BITCODE = NO;
INFOPLIST_FILE = Runner/Info.plist;
LD_RUNPATH_SEARCH_PATHS = (
 "$(inherited)",
 "@executable_path/Frameworks",
);
PRODUCT_BUNDLE_IDENTIFIER = com.example.wismonKeuangan;
PRODUCT_NAME = "$(TARGET_NAME)";
SWIFT_OBJC_BRIDGING_HEADER = "Runner/Runner-Bridging-Header.h";
SWIFT_VERSION = 5.0;
VERSIONING_SYSTEM = "apple-generic";
};
name = Release;
};
/* End XCBuildConfiguration section */

/* Begin XCConfigurationList section */
331C8087294A63A400263BE5 /* Build configuration list for PBXNativeTarget "RunnerTests" */ = {
 isa = XCConfigurationList;
 buildConfigurations = (
 331C8088294A63A400263BE5 /* Debug */,
 331C8089294A63A400263BE5 /* Release */,
 331C808A294A63A400263BE5 /* Profile */,
);
 defaultConfigurationIsVisible = 0;
 defaultConfigurationName = Release;
};
97C146E91CF9000F007C117D /* Build configuration list for PBXProject "Runner" */ = {
 isa = XCConfigurationList;
 buildConfigurations = (
 97C147031CF9000F007C117D /* Debug */,
 97C147041CF9000F007C117D /* Release */,
 249021D3217E4FDB00AE95B9 /* Profile */,
);
 defaultConfigurationIsVisible = 0;
 defaultConfigurationName = Release;
};
97C147051CF9000F007C117D /* Build configuration list for PBXNativeTarget "Runner" */ = {
 isa = XCConfigurationList;
 buildConfigurations = (
 97C147061CF9000F007C117D /* Debug */,
 97C147071CF9000F007C117D /* Release */,
 249021D4217E4FDB00AE95B9 /* Profile */,
);
 defaultConfigurationIsVisible = 0;
 defaultConfigurationName = Release;
};
/* End XCConfigurationList section */
};
rootObject = 97C146E61CF9000F007C117D /* Project object */;
}

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Runner.xcodeproj\project.xcworkspace

## e\contents.xcworkspacedata

```

<?xml version="1.0" encoding="UTF-8"?>
<Workspace
 version = "1.0">

```



```
<FileRef
 location = "self:">
</FileRef>
</Workspace>
```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Runner.xcodeproj\project.xcworkspac**

**e\xcshareddata\IDEWorkspaceChecks.plist**

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
 <key>IDEDidComputeMac32BitWarning</key>
 <true/>
</dict>
</plist>
```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Runner.xcodeproj\project.xcworkspac**

**e\xcshareddata\WorkspaceSettings.xcsettings**

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
 <key>PreviewsEnabled</key>
 <false/>
</dict>
</plist>
```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Runner.xcodeproj\xcshareddata\xcsch**

**emes\Runner.xcscheme**

```
<?xml version="1.0" encoding="UTF-8"?>
<Scheme
 LastUpgradeVersion = "1510"
 version = "1.3">
 <BuildAction
 parallelizeBuildables = "YES"
 buildImplicitDependencies = "YES">
 <BuildActionEntries>
 <BuildActionEntry
 buildForTesting = "YES"
 buildForRunning = "YES"
 buildForProfiling = "YES"
 buildForArchiving = "YES"
 buildForAnalyzing = "YES">
 <BuildableReference
 BuildableIdentifier = "primary"
 BlueprintIdentifier = "97C146ED1CF9000F007C117D"
```

```

 BuildableName = "Runner.app"
 BlueprintName = "Runner"
 ReferencedContainer = "container:Runner.xcodeproj">
 </BuildableReference>
</BuildActionEntry>
</BuildActionEntries>
</BuildAction>
<TestAction
 buildConfiguration = "Debug"
 selectedDebuggerIdentifier = "Xcode.DebuggerFoundation.Debugger.LLDB"
 selectedLauncherIdentifier = "Xcode.DebuggerFoundation.Launcher.LLDB"
 customLLDBInitFile = "$(SRCROOT)/Flutter/ephemeral/flutter_lldbinit"
 shouldUseLaunchSchemeArgsEnv = "YES">
 <MacroExpansion>
 <BuildableReference
 BuildableIdentifier = "primary"
 BlueprintIdentifier = "97C146ED1CF9000F007C117D"
 BuildableName = "Runner.app"
 BlueprintName = "Runner"
 ReferencedContainer = "container:Runner.xcodeproj">
 </BuildableReference>
 </MacroExpansion>
 <Testables>
 <TestableReference
 skipped = "NO"
 parallelizable = "YES">
 <BuildableReference
 BuildableIdentifier = "primary"
 BlueprintIdentifier = "331C8080294A63A400263BE5"
 BuildableName = "RunnerTests.xctest"
 BlueprintName = "RunnerTests"
 ReferencedContainer = "container:Runner.xcodeproj">
 </BuildableReference>
 </TestableReference>
 </Testables>
</TestAction>
<LaunchAction
 buildConfiguration = "Debug"
 selectedDebuggerIdentifier = "Xcode.DebuggerFoundation.Debugger.LLDB"
 selectedLauncherIdentifier = "Xcode.DebuggerFoundation.Launcher.LLDB"
 customLLDBInitFile = "$(SRCROOT)/Flutter/ephemeral/flutter_lldbinit"
 launchStyle = "0"
 useCustomWorkingDirectory = "NO"
 ignoresPersistentStateOnLaunch = "NO"
 debugDocumentVersioning = "YES"
 debugServiceExtension = "internal"
 enableGPUValidationMode = "1"
 allowLocationSimulation = "YES">
 <BuildableProductRunnable
 runnableDebuggingMode = "0">
 <BuildableReference
 BuildableIdentifier = "primary"
 BlueprintIdentifier = "97C146ED1CF9000F007C117D"
 BuildableName = "Runner.app"
 BlueprintName = "Runner"
 ReferencedContainer = "container:Runner.xcodeproj">
 </BuildableReference>
 </BuildableProductRunnable>
</LaunchAction>
<ProfileAction
 buildConfiguration = "Profile"
 shouldUseLaunchSchemeArgsEnv = "YES"
 savedToolIdentifier = ""
 useCustomWorkingDirectory = "NO"
 debugDocumentVersioning = "YES">
 <BuildableProductRunnable

```

```

 runnableDebuggingMode = "0">
 <BuildableReference
 BuildableIdentifier = "primary"
 BlueprintIdentifier = "97C146ED1CF9000F007C117D"
 BuildableName = "Runner.app"
 BlueprintName = "Runner"
 ReferencedContainer = "container:Runner.xcodeproj">
 </BuildableReference>
 </BuildableProductRunnable>
</ProfileAction>
<AnalyzeAction
 buildConfiguration = "Debug">
</AnalyzeAction>
<ArchiveAction
 buildConfiguration = "Release"
 revealArchiveInOrganizer = "YES">
</ArchiveAction>
</Scheme>

```

**File:**

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Runner.xcworkspace\contents.xcworks

**pacedata**

```

<?xml version="1.0" encoding="UTF-8"?>
<Workspace
 version = "1.0">
 <FileRef
 location = "group:Runner.xcodeproj">
 </FileRef>
</Workspace>

```

**File:**

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Runner.xcworkspace\xcshareddata\IDE

**WorkspaceChecks.plist**

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
 <key>IDEDidComputeMac32BitWarning</key>
 <true/>
</dict>
</plist>

```

**File:**

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\Runner.xcworkspace\xcshareddata\Wor

**kspaceSettings.xcsettings**

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>

```

```

<key>PreviewsEnabled</key>
<false/>
</dict>
</plist>

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\ios\RunnerTests\RunnerTests.swift**

```

import Flutter
import UIKit
import XCTest

class RunnerTests: XCTestCase {

 func testExample() {
 // If you add code to the Runner application, consider adding tests here.
 // See https://developer.apple.com/documentation/xctest for more information about using XCTest.
 }

}

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\main.dart**

```

import 'package:flutter/material.dart';
import 'package:flutter/services.dart';
import 'package:google_fonts/google_fonts.dart';
import 'package:flutter_bloc/flutter_bloc.dart';
import 'core/di/injection_container.dart' as di;
import 'features/auth/presentation/bloc/auth_bloc.dart';
import 'features/auth/presentation/bloc/auth_event.dart';
import 'features/auth/presentation/bloc/auth_state.dart';
import 'features/auth/presentation/pages/login_page.dart';
import 'features/dashboard/presentation/pages/main_navigation_page.dart';
import 'features/payment/presentation/bloc/payment_bloc.dart';
import 'core/services/api_service.dart';

// Cache the text theme to prevent repeated font loading
late final TextTheme _cachedTextTheme;
late final ThemeData _cachedThemeData;

void main() async {
 WidgetsFlutterBinding.ensureInitialized();

 // Performance optimizations
 await SystemChrome.setPreferredOrientations([DeviceOrientation.portraitUp]);

 // Optimize memory usage
 SystemChrome.setSystemUIOverlayStyle(
 const SystemUiOverlayStyle(
 statusBarColor: Colors.transparent,
 statusBarIconBrightness: Brightness.dark,
 statusBarBrightness: Brightness.light,
),
);

 // Pre-cache fonts for better performance
 await _initializeTheme();

 await di.init();
 runApp(const MyApp());
}

Future<void> _initializeTheme() async {
 // Pre-load and cache the Google Font to prevent lag

```

```

_cachedTextTheme = GoogleFonts.plusJakartaSansTextTheme();

_cachedThemeData = ThemeData(
 primarySwatch: Colors.blue,
 textTheme: _cachedTextTheme,
 visualDensity: VisualDensity.adaptivePlatformDensity,
 pageTransitionsTheme: const PageTransitionsTheme(
 builders: {
 TargetPlatform.android: CupertinoPageTransitionsBuilder(),
 TargetPlatform.iOS: CupertinoPageTransitionsBuilder(),
 },
),
 useMaterial3: true,
 colorScheme: ColorScheme.fromSeed(
 seedColor: const Color(0xFF135EA2),
 brightness: Brightness.light,
),
 // Optimize app bar theme
 appBarTheme: const AppBarTheme(
 elevation: 0,
 backgroundColor: Colors.transparent,
 foregroundColor: Color(0xFF121212),
 systemOverlayStyle: SystemUiOverlayStyle.dark,
),
 // Optimize scaffold theme
 scaffoldBackgroundColor: const Color(0xFFFFBFBFB),
);
}

class MyApp extends StatefulWidget {
 const MyApp({super.key});

 @override
 State<MyApp> createState() => _MyAppState();
}

class _MyAppState extends State<MyApp> with WidgetsBindingObserver {
 @override
 void initState() {
 super.initState();
 WidgetsBinding.instance.addObserver(this);
 }

 @override
 void dispose() {
 WidgetsBinding.instance.removeObserver(this);
 // Clean up API service connections
 ApiService.dispose();
 super.dispose();
 }

 @override
 void didChangeAppLifecycleState(AppLifecycleState state) {
 super.didChangeAppLifecycleState(state);
 // Optimize memory when app goes to background
 if (state == AppLifecycleState.paused) {
 // Force garbage collection when app is paused
 _performMemoryCleanup();
 }
 }

 void _performMemoryCleanup() {
 // Clear unnecessary cached images
 imageCache.clear();
 imageCache.clearLiveImages();
 }
}

```

```

@override
Widget build(BuildContext context) {
 return MultiBlocProvider(
 providers: [
 BlocProvider(
 create: (_) => di.sl<AuthBloc>()..add(const CheckAuthStatusEvent()),
 lazy: false, // Load immediately for auth
),
 BlocProvider(
 create: (_) => di.sl<PaymentBloc>(),
 lazy: true, // Lazy load for better startup performance
),
],
 child: MaterialApp(
 title: 'Wismon Keuangan',
 debugShowCheckedModeBanner: false, // Remove debug banner
 // Performance optimizations
 builder: (context, child) {
 // Prevent text scaling beyond reasonable limits
 return MediaQuery(
 data: MediaQuery.of(context).copyWith(
 textScaler: TextScaler.linear(
 MediaQuery.of(context).textScaler.scale(1.0).clamp(0.8, 1.3),
),
),
 child: child!,
);
 },

 theme: _cachedThemeData,

 home: const AuthWrapper(),

 // Performance monitoring in debug mode
 showPerformanceOverlay: false, // Set to true only for debugging
 // Optimize route generation
 onGenerateRoute: (settings) {
 switch (settings.name) {
 case '/login':
 return PageRouteBuilder(
 pageBuilder: (context, animation, secondaryAnimation) =>
 const LoginPage(),
 transitionsBuilder:
 (context, animation, secondaryAnimation, child) {
 return FadeTransition(opacity: animation, child: child);
 },
 transitionDuration: const Duration(milliseconds: 200),
);
 case '/main':
 return PageRouteBuilder(
 pageBuilder: (context, animation, secondaryAnimation) =>
 const MainNavigationPage(),
 transitionsBuilder:
 (context, animation, secondaryAnimation, child) {
 return FadeTransition(opacity: animation, child: child);
 },
 transitionDuration: const Duration(milliseconds: 200),
);
 default:
 return null;
 }
 },
),
);
}

```

```

}

class AuthWrapper extends StatelessWidget {
 const AuthWrapper({super.key});

 @override
 Widget build(BuildContext context) {
 return BlocBuilder<AuthBloc, AuthState>(
 buildWhen: (previous, current) {
 // Only rebuild when auth state actually changes
 return previous.runtimeType != current.runtimeType;
 },
 builder: (context, state) {
 if (state is AuthAuthenticated) {
 return const MainNavigationPage();
 }
 if (state is AuthUnauthenticated || state is AuthError) {
 return const LoginPage();
 }
 return const LoadingScreen();
 },
);
 }
}

```

```

class LoadingScreen extends StatelessWidget {
 const LoadingScreen({super.key});

 @override
 Widget build(BuildContext context) {
 return Scaffold(
 backgroundColor: const Color(0xFFFAFAFA),
 body: RepaintBoundary(
 child: Center(
 child: Column(
 mainAxisAlignment: MainAxisAlignment.center,
 children: [
 // App Logo with Hero animation
 Hero(
 tag: 'app_logo',
 child: Container(
 width: 80,
 height: 80,
 decoration: BoxDecoration(
 color: const Color(0xFF135EA2),
 borderRadius: BorderRadius.circular(20),
 boxShadow: const [
 BoxShadow(
 color: Color(0x20135EA2),
 blurRadius: 20,
 offset: Offset(0, 8),
),
],
),
 child: const Icon(
 Icons.school,
 color: Colors.white,
 size: 40,
),
),
 const SizedBox(height: 24),

 // App Title
 const Text(
 'Wismon Keuangan',

```

```

 style: TextStyle(
 fontSize: 24,
 fontWeight: FontWeight.bold,
 color: Color(0xFF135EA2),
 letterSpacing: -0.5,
),
),
 const SizedBox(height: 8),
 Text(
 'Student Payment System',
 style: TextStyle(
 fontSize: 16,
 color: Colors.grey[600],
 letterSpacing: 0.2,
),
),
 const SizedBox(height: 32),

 // Loading indicator with animation
 const SizedBox(
 width: 24,
 height: 24,
 child: CircularProgressIndicator(
 valueColor: AlwaysStoppedAnimation<Color>(Color(0xFF135EA2)),
 strokeWidth: 2.5,
),
),
],
),
),
),
);
}
}

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\core\di\injection\_container.dart

```

import 'package:flutter/material.dart';
import 'package:get_it/get_it.dart';
import '../services/api_service.dart';
import '../../../features/auth/data/repositories/auth_repository_impl.dart';
import '../../../features/auth/domain/repositories/auth_repository.dart';
import '../../../features/auth/domain/usecases/login_usecase.dart';
import '../../../features/auth/domain/usecases/logout_usecase.dart';
import '../../../features/auth/domain/usecases/check_auth_status_usecase.dart';
import '../../../features/auth/presentation/bloc/auth_bloc.dart';
import '../../../features/payment/data/repositories/payment_repository_impl.dart';
import '../../../features/payment/domain/repositories/payment_repository.dart';
import '../../../features/payment/domain/usecases/get_payment_history_usecase.dart';
import '../../../features/payment/domain/usecases/get_payment_summary_usecase.dart';
import '../../../features/payment/domain/usecases/get_transaction_detail_usecase.dart';
import '../../../features/payment/presentation/bloc/payment_bloc.dart';

final sl = GetIt.instance;

Future<void> init() async {
 // Core
 sl.registerLazySingleton<ApiService>(() => ApiService());
 sl.registerLazySingleton<RouteObserver<PageRoute>>(() => RouteObserver());

 // Auth Feature
 // Data sources & repositories

```



```

sl.registerLazySingleton<AuthRepository>(
 () => AuthRepositoryImpl(apiService: sl()),
);

// Use cases
sl.registerLazySingleton(() => LoginUseCase(sl()));
sl.registerLazySingleton(() => LogoutUseCase(sl()));
sl.registerLazySingleton(() => CheckAuthStatusUseCase(sl()));

// Bloc
sl.registerFactory(
 () => AuthBloc(
 loginUseCase: sl(),
 logoutUseCase: sl(),
 checkAuthStatusUseCase: sl(),
),
);

// Payment Feature
// Data sources & repositories
sl.registerLazySingleton<PaymentRepository>(
 () => PaymentRepositoryImpl(apiService: sl()),
);

// Use cases
sl.registerLazySingleton(() => GetPaymentHistoryUseCase(sl()));
sl.registerLazySingleton(() => GetPaymentSummaryUseCase(sl()));
sl.registerLazySingleton(() => GetTransactionDetailUseCase(sl()));

// Bloc
sl.registerFactory(
 () => PaymentBloc(
 getPaymentHistoryUseCase: sl(),
 getPaymentSummaryUseCase: sl(),
 getTransactionDetailUseCase: sl(),
),
);
}

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\core\error\failures.dart**

```

import 'package:equatable/equatable.dart';

abstract class Failure extends Equatable {
 const Failure();
}

// General failures
class ServerFailure extends Failure {
 final String message;

 const ServerFailure(this.message);

 @override
 List<Object> get props => [message];
}

class CacheFailure extends Failure {
 final String message;

 const CacheFailure(this.message);

 @override
 List<Object> get props => [message];
}

```

```

}

class NetworkFailure extends Failure {
 final String message;

 const NetworkFailure(this.message);

 @override
 List<Object> get props => [message];
}

class AuthFailure extends Failure {
 final String message;

 const AuthFailure(this.message);

 @override
 List<Object> get props => [message];
}

```

## File:

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\core\services\api\_service.dart**

```

import 'dart:convert';
import 'dart:io';
import 'package:http/http.dart' as http;
import 'package:shared_preferences/shared_preferences.dart';
import '../../features/auth/data/models/user_model.dart';
import '../../features/payment/data/models/payment_model.dart';

class ApiService {
 // API Base URL
 // For Chrome/Web development: http://localhost:3000
 // For Android emulator: http://10.0.2.2:3000
 // For iOS simulator: http://localhost:3000
 static const String baseUrl = 'http://localhost:3000';
 static http.Client? _client;
 static final Map<String, dynamic> _cache = {};
 static const int _cacheTimeout = 5 * 60 * 1000; // 5 minutes

 // Regular constructor for DI, but still use singleton pattern for client
 ApiService() {
 _initializeClient();
 }

 void _initializeClient() {
 _client ??= http.Client();
 }

 // Cache management for better performance
 bool _isCacheValid(String key) {
 if (!_cache.containsKey(key)) return false;
 final cachedData = _cache[key];
 final timestamp = cachedData['timestamp'] as int;
 return DateTime.now().millisecondsSinceEpoch - timestamp < _cacheTimeout;
 }

 void _setCache(String key, dynamic data) {
 _cache[key] = {
 'data': data,
 'timestamp': DateTime.now().millisecondsSinceEpoch,
 };
 }
}

```

```

dynamic _getCache(String key) {
 if (_isCacheValid(key)) {
 return _cache[key]['data'];
 }
 return null;
}

Future<String?> getAuthToken() async {
 try {
 final prefs = await SharedPreferences.getInstance();
 return prefs.getString('auth_token');
 } catch (e) {
 return null;
 }
}

Future<void> setAuthToken(String token) async {
 try {
 final prefs = await SharedPreferences.getInstance();
 await prefs.setString('auth_token', token);
 } catch (e) {
 // Handle storage error gracefully
 }
}

Future<void> clearAuthToken() async {
 try {
 final prefs = await SharedPreferences.getInstance();
 await prefs.remove('auth_token');
 } catch (e) {
 // Handle error gracefully
 }
}

Map<String, String> _getHeaders([String? token]) {
 final headers = {
 'Content-Type': 'application/json',
 'Accept': 'application/json',
 };

 if (token != null) {
 headers['Authorization'] = 'Bearer $token';
 }

 return headers;
}

// Generic GET method
Future<Map<String, dynamic>> get(
 String endpoint, {
 bool useCache = false,
}) async {
 final cacheKey = 'GET_$endpoint';

 // Check cache first if enabled
 if (useCache) {
 final cachedData = _getCache(cacheKey);
 if (cachedData != null) {
 return cachedData;
 }
 }

 try {
 final token = await getAuthToken();
 final response = await _client!

```

```

 .get(Uri.parse('$baseUrl$endpoint'), headers: _getHeaders(token))
 .timeout(const Duration(seconds: 30));

final data = _handleResponse(response);

// Cache successful responses
if (useCache && response.statusCode == 200) {
 _setCache(cacheKey, data);
}

return data;
} on SocketException {
 throw Exception('Tidak ada koneksi internet');
} on HttpException {
 throw Exception('Gagal terhubung ke server');
} on FormatException {
 throw Exception('Respons server tidak valid');
} catch (e) {
 throw Exception('Terjadi kesalahan: ${e.toString()}');
}
}

// Generic POST method
Future<Map<String, dynamic>> post(
 String endpoint,
 Map<String, dynamic> data,
) async {
 try {
 final token = await getAuthToken();
 final response = await _client!
 .post(
 Uri.parse('$baseUrl$endpoint'),
 headers: _getHeaders(token),
 body: jsonEncode(data),
)
 .timeout(const Duration(seconds: 30));

 return _handleResponse(response);
 } on SocketException {
 throw Exception('Tidak ada koneksi internet');
 } on HttpException {
 throw Exception('Gagal terhubung ke server');
 } on FormatException {
 throw Exception('Respons server tidak valid');
 } catch (e) {
 throw Exception('Terjadi kesalahan: ${e.toString()}');
 }
}

// AUTH METHODS
Future<UserModel> login(String namamNim, String nrm) async {
 final data = await post('/api/auth/login', {
 'namam_nim': namamNim,
 'nrm': nrm,
 });

 if (data['success']) {
 await setAuthToken(data['data']['token']);
 return UserModel.fromJson(data['data']['user']);
 } else {
 throw Exception(data['message'] ?? 'Login failed');
 }
}

Future<UserModel> getProfile() async {
 final data = await get('/api/auth/profile', useCache: true);

```

```

 if (data['success']) {
 return UserModel.fromJson(data['data']);
 } else {
 throw Exception(data['message'] ?? 'Failed to get profile');
 }
 }
}

// PAYMENT METHODS
Future<List<PaymentHistoryItemModel>> getPaymentHistory({
 int page = 1,
 int limit = 20,
 String? startDate,
 String? endDate,
 String? type,
 String sortBy = 'tanggal',
 String sortOrder = 'desc',
 bool forceRefresh = false,
}) async {
 final queryParams = <String, String>{
 'page': page.toString(),
 'limit': limit.toString(),
 'sortBy': sortBy,
 'sortOrder': sortOrder,
 };

 if (startDate != null) queryParams['startDate'] = startDate;
 if (endDate != null) queryParams['endDate'] = endDate;
 if (type != null) queryParams['type'] = type;

 final uri = Uri.parse(
 '$baseUrl/api/payments/history',
).replace(queryParameters: queryParams);

 try {
 final token = await getAuthToken();
 final response = await _client!
 .get(uri, headers: _getHeaders(token))
 .timeout(const Duration(seconds: 30));

 final data = _handleResponse(response);

 if (data['success']) {
 final List<dynamic> historyData = data['data']['data'];
 return historyData
 .map((item) => PaymentHistoryItemModel.fromJson(item))
 .toList();
 } else {
 throw Exception(data['message'] ?? 'Failed to get payment history');
 }
 } on SocketException {
 throw Exception('Tidak ada koneksi internet');
 } on HttpException {
 throw Exception('Gagal terhubung ke server');
 } on FormatException {
 throw Exception('Respons server tidak valid');
 } catch (e) {
 throw Exception('Terjadi kesalahan: ${e.toString()}');
 }
}

Future<PaymentSummaryModel> getPaymentSummary({
 bool forceRefresh = false,
}) async {
 final data = await get('/api/payments/summary', useCache: !forceRefresh);
}

```

```

 if (data['success']) {
 return PaymentSummaryModel.fromJson(data['data']);
 } else {
 throw Exception(data['message'] ?? 'Failed to get payment summary');
 }
 }
}

Future<TransactionDetailModel> getTransactionDetail(
 String transactionId,
) async {
 final data = await get('/api/payments/detail/$transactionId');

 if (data['success']) {
 return TransactionDetailModel.fromJson(data['data']);
 } else {
 throw Exception(data['message'] ?? 'Failed to get transaction detail');
 }
}

Future<bool> refreshPaymentData() async {
 final data = await post('/api/payments/refresh', {});

 if (data['success']) {
 // Clear payment-related cache
 _cache.removeWhere((key, value) => key.contains('payment'));
 return data['data']['refreshed'] ?? false;
 } else {
 throw Exception(data['message'] ?? 'Failed to refresh payment data');
 }
}

Map<String, dynamic> _handleResponse(http.Response response) {
 final responseData = jsonDecode(response.body) as Map<String, dynamic>;

 switch (response.statusCode) {
 case 200:
 case 201:
 return responseData;
 case 400:
 throw Exception(responseData['message'] ?? 'Permintaan tidak valid');
 case 401:
 throw Exception('Sesi telah berakhir, silakan login kembali');
 case 403:
 throw Exception('Akses ditolak');
 case 404:
 throw Exception('Data tidak ditemukan');
 case 500:
 throw Exception('Terjadi kesalahan pada server');
 default:
 throw Exception('Terjadi kesalahan tidak terduga');
 }
}

// Clean up resources
static void dispose() {
 _client?.close();
 _client = null;
 _cache.clear();
}

// Clear cache when needed
static void clearCache() {
 _cache.clear();
}

// Clear expired cache entries

```

```

static void cleanExpiredCache() {
 final now = DateTime.now().millisecondsSinceEpoch;
 _cache.removeWhere((key, value) {
 final timestamp = value['timestamp'] as int;
 return now - timestamp >= _cacheTimeout;
 });
}
}

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\core\usecases\usecase.dart**

```

import 'package:dartz/dartz.dart';
import 'package:equatable/equatable.dart';
import '../error/failures.dart';

abstract class UseCase<Type, Params> {
 Future<Either<Failure, Type>> call(Params params);
}

class NoParams extends Equatable {
 @override
 List<Object> get props => [];
}

```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\core\utils\geometric\_background.dar**

```

t

import 'package:flutter/material.dart';

class GeometricBackground extends StatelessWidget {
 final double opacity;
 final Alignment alignment;
 final double scale;

 const GeometricBackground({
 super.key,
 this.opacity = 0.1,
 this.alignment = Alignment.bottomRight,
 this.scale = 1.0,
 });

 @override
 Widget build(BuildContext context) {
 return RepaintBoundary(
 child: CustomPaint(
 painter: GeometricBackgroundPainter(opacity: opacity, scale: scale),
 size: Size.infinite,
),
);
 }
}

class GeometricBackgroundPainter extends CustomPainter {
 final double opacity;
 final double scale;

 GeometricBackgroundPainter({required this.opacity, required this.scale});

 @override

```

```

void paint(Canvas canvas, Size size) {
 final paint1 = Paint()
 ..color = const Color(0xFF207BB5).withOpacity(opacity)
 ..style = PaintingStyle.fill;

 final paint2 = Paint()
 ..color = const Color(0xFF135EA2).withOpacity(opacity)
 ..style = PaintingStyle.fill;

 final baseWidth = 150.0 * scale;
 final baseHeight = 120.0 * scale;

 final startX = size.width - baseWidth * 2;
 final startY = size.height * 0.15;

 _drawTriangleLayer(
 canvas,
 paint1,
 startX,
 startY,
 baseWidth,
 baseHeight,
 0,
);
 _drawTriangleLayer(
 canvas,
 paint2,
 startX + baseWidth * 0.3,
 startY + baseHeight * 0.5,
 baseWidth,
 baseHeight,
 1,
);
 _drawTriangleLayer(
 canvas,
 paint1,
 startX + baseWidth * 0.6,
 startY + baseHeight * 1.0,
 baseWidth,
 baseHeight,
 2,
);
 _drawTriangleLayer(
 canvas,
 paint2,
 startX + baseWidth * 0.9,
 startY + baseHeight * 1.5,
 baseWidth,
 baseHeight,
 3,
);
 _drawTriangleLayer(
 canvas,
 paint1,
 startX + baseWidth * 1.2,
 startY + baseHeight * 2.0,
 baseWidth,
 baseHeight,
 4,
);
}

void _drawTriangleLayer(
 Canvas canvas,
 Paint paint,
 double x,

```



```

double y,
double width,
double height,
int layer,
) {
 final triangles = [
 [
 Offset(x, y),
 Offset(x + width * 0.8, y + height * 0.5),
 Offset(x, y + height),
],
 [
 Offset(x + width * 0.2, y - height * 0.3),
 Offset(x + width * 0.9, y - height * 0.1),
 Offset(x + width * 0.6, y + height * 0.4),
],
 [
 Offset(x - width * 0.1, y + height * 0.8),
 Offset(x + width * 0.6, y + height * 0.6),
 Offset(x + width * 0.3, y + height * 1.3),
],
],
};

for (final triangle in triangles) {
 final path = Path();
 path.moveTo(triangle[0].dx, triangle[0].dy);
 path.lineTo(triangle[1].dx, triangle[1].dy);
 path.lineTo(triangle[2].dx, triangle[2].dy);
 path.close();
 canvas.drawPath(path, paint);
}
}

@override
bool shouldRepaint(covariant CustomPainter oldDelegate) => false;
}

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\auth\data\models\user.dart

```

class User {
 final String nrm;
 final String nim;
 final String namam;
 final String? tgdaftar;
 final String? tplahir;

 User({
 required this.nrm,
 required this.nim,
 required this.namam,
 this.tgdaftar,
 this.tplahir,
 });

 factory User.fromJson(Map<String, dynamic> json) {
 return User(
 nrm: json['nrm'] ?? '',
 nim: json['nim'] ?? '',
 namam: json['namam'] ?? '',
 tgdaftar: json['tgdaftar'],
 tplahir: json['tplahir'],
);
 }
}

```

```

 }

 Map<String, dynamic> toJson() {
 return {
 'nrm': nrm,
 'nim': nim,
 'namam': namam,
 'tgdaftar': tgdaftar,
 'tplahir': tplahir,
 };
 }
 }
}

```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\auth\data\models\user\_mode**

**1.dart**

```

import '../../../domain/entities/user.dart';

class UserModel extends User {
 const UserModel({
 required super.namam,
 required super.nrm,
 super.nim,
 super.email,
 super.phone,
 super.tgdaftar,
 super.tplahir,
 });

 factory UserModel.fromJson(Map<String, dynamic> json) {
 return UserModel(
 namam: json['namam'] ?? '',
 nrm: json['nrm'] ?? '',
 nim: json['nim'],
 email: json['email'],
 phone: json['phone'],
 tgdaftar: json['tgdaftar'],
 tplahir: json['tplahir'],
);
 }

 Map<String, dynamic> toJson() {
 return {
 'namam': namam,
 'nrm': nrm,
 'nim': nim,
 'email': email,
 'phone': phone,
 'tgdaftar': tgdaftar,
 'tplahir': tplahir,
 };
 }
}

```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\auth\data\repositories\aut**

## h\_repository\_impl.dart

```
import 'package:dartz/dartz.dart';
import '../../../../../core/error/failures.dart';
import '../../../../../core/services/api_service.dart';
import '../../../../../domain/entities/user.dart';
import '../../../../../domain/repositories/auth_repository.dart';
import '../models/user_model.dart';

class AuthRepositoryImpl implements AuthRepository {
 final ApiService apiService;

 AuthRepositoryImpl({required this.apiService});

 @override
 Future<Either<Failure, User>> login(String namamNim, String nrm) async {
 try {
 final userModel = await apiService.login(namamNim, nrm);
 return Right(userModel);
 } catch (e) {
 return Left(AuthFailure(e.toString().replaceFirst('Exception: ', '')));
 }
 }

 @override
 Future<Either<Failure, void>> logout() async {
 try {
 await apiService.clearAuthToken();
 return const Right(null);
 } catch (e) {
 return Left(CacheFailure(e.toString()));
 }
 }

 @override
 Future<Either<Failure, User>> getCurrentUser() async {
 try {
 final userModel = await apiService.getProfile();
 return Right(userModel);
 } catch (e) {
 return Left(ServerFailure(e.toString().replaceFirst('Exception: ', '')));
 }
 }

 @override
 Future<Either<Failure, String?>> getToken() async {
 try {
 final token = await apiService.getAuthToken();
 return Right(token);
 } catch (e) {
 return Left(CacheFailure(e.toString()));
 }
 }

 @override
 Future<Either<Failure, void>> clearToken() async {
 try {
 await apiService.clearAuthToken();
 return const Right(null);
 } catch (e) {
 return Left(CacheFailure(e.toString()));
 }
 }
}
```

**File:**

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\auth\domain\entities\user.

**dart**

```
import 'package:equatable/equatable.dart';

class User extends Equatable {
 final String namam; // Student full name
 final String nrm; // Student registration number
 final String? nim; // Student identification number
 final String? email; // Email (optional)
 final String? phone; // Phone (optional)
 final String? tgdaftar; // Registration date
 final String? tplahir; // Birth place

 const User({
 required this.namam,
 required this.nrm,
 this.nim,
 this.email,
 this.phone,
 this.tgdaftar,
 this.tplahir,
 });

 @override
 List<Object?> get props => [namam, nrm, nim, email, phone, tgdaftar, tplahir];
}
```

**File:**

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\auth\domain\repositories\auth\_repository.dart

**uth\_repository.dart**

```
import 'package:dartz/dartz.dart';
import '...../core/error/failures.dart';
import '../entities/user.dart';

abstract class AuthRepository {
 Future<Either<Failure, User>> login(String namamNim, String nrm);
 Future<Either<Failure, void>> logout();
 Future<Either<Failure, User>> getCurrentUser();
 Future<Either<Failure, String?>> getToken();
 Future<Either<Failure, void>> clearToken();
}
```

**File:**

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\auth\domain\usecases\check\_auth\_status\_usecase.dart

**\_auth\_status\_usecase.dart**

```
import 'package:dartz/dartz.dart';
import '...../core/error/failures.dart';
import '...../core/usecases/usecase.dart';
import '../entities/user.dart';
```

```

import '../repositories/auth_repository.dart';

class CheckAuthStatusUseCase implements UseCase<User?, NoParams> {
 final AuthRepository repository;

 CheckAuthStatusUseCase(this.repository);

 @override
 Future<Either<Failure, User?>> call(NoParams params) async {
 final tokenResult = await repository.getToken();

 return tokenResult.fold((failure) => Left(failure), (token) async {
 if (token == null) {
 return const Right(null);
 }

 final userResult = await repository.getCurrentUser();
 return userResult.fold((failure) => Left(failure), (user) => Right(user));
 });
 }
}

```

#### File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\auth\domain\usecases\login

#### \_usecase.dart

```

import 'package:dartz/dartz.dart';
import 'package:equatable/equatable.dart';
import '../../core/error/failures.dart';
import '../../core/usecases/usecase.dart';
import '../entities/user.dart';
import '../repositories/auth_repository.dart';

class LoginUseCase implements UseCase<User, LoginParams> {
 final AuthRepository repository;

 LoginUseCase(this.repository);

 @override
 Future<Either<Failure, User>> call(LoginParams params) async {
 return await repository.login(params.namamNim, params.nrm);
 }
}

class LoginParams extends Equatable {
 final String namamNim;
 final String nrm;

 const LoginParams({required this.namamNim, required this.nrm});

 @override
 List<Object> get props => [namamNim, nrm];
}

```

#### File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\auth\domain\usecases\logou

### t\_usecase.dart

```
import 'package:dartz/dartz.dart';
import '../../../../../core/error/failures.dart';
import '../../../../../core/usecases/usecase.dart';
import '../repositories/auth_repository.dart';

class LogoutUseCase implements UseCase<void, NoParams> {
 final AuthRepository repository;

 LogoutUseCase(this.repository);

 @override
 Future<Either<Failure, void>> call(NoParams params) async {
 return await repository.logout();
 }
}
```

### File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\auth\presentation\bloc\aut

### h\_bloc.dart

```
import 'package:flutter_bloc/flutter_bloc.dart';
import '../../../../../core/error/failures.dart';
import '../../../../../core/usecases/usecase.dart';
import '../../domain/usecases/check_auth_status_usecase.dart';
import '../../domain/usecases/login_usecase.dart';
import '../../domain/usecases/logout_usecase.dart';
import 'auth_event.dart';
import 'auth_state.dart';

class AuthBloc extends Bloc<AuthEvent, AuthState> {
 final LoginUseCase loginUseCase;
 final LogoutUseCase logoutUseCase;
 final CheckAuthStatusUseCase checkAuthStatusUseCase;

 AuthBloc({
 required this.loginUseCase,
 required this.logoutUseCase,
 required this.checkAuthStatusUseCase,
 }) : super(const AuthInitial()) {
 on<CheckAuthStatusEvent>(_onCheckAuthStatus);
 on<LoginRequestedEvent>(_onLoginRequested);
 on<LogoutRequestedEvent>(_onLogoutRequested);
 }

 Future<void> _onCheckAuthStatus(
 CheckAuthStatusEvent event,
 Emitter<AuthState> emit,
) async {
 emit(const AuthLoading());

 final result = await checkAuthStatusUseCase(NoParams());

 result.fold(
 (failure) => emit(AuthError(message: _mapFailureToMessage(failure))),
 (user) {
 if (user != null) {
 emit(AuthAuthenticated(user: user));
 } else {
 emit(const AuthUnauthenticated());
 }
 }
);
 }
}
```

```

 }
 },
);
}

Future<void> _onLoginRequested(
 LoginRequestedEvent event,
 Emitter<AuthState> emit,
) async {
 emit(const AuthLoading());

 final result = await loginUseCase(
 LoginParams(namamNim: event.namamNim, nrm: event.nrm),
);

 result.fold(
 (failure) => emit(AuthError(message: _mapFailureToMessage(failure))),
 (user) => emit(AuthAuthenticated(user: user)),
);
}

Future<void> _onLogoutRequested(
 LogoutRequestedEvent event,
 Emitter<AuthState> emit,
) async {
 final result = await logoutUseCase(NoParams());

 result.fold(
 (failure) => emit(AuthError(message: _mapFailureToMessage(failure))),
 (_) => emit(const AuthUnauthenticated()),
);
}

String _mapFailureToMessage(Failure failure) {
 switch (failure.runtimeType) {
 case AuthFailure:
 return (failure as AuthFailure).message;
 case ServerFailure:
 return (failure as ServerFailure).message;
 case NetworkFailure:
 return (failure as NetworkFailure).message;
 case CacheFailure:
 return (failure as CacheFailure).message;
 default:
 return 'Unexpected error occurred';
 }
}
}
}

```

# File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\auth\presentation\bloc\aut

## h\_event.dart

```

import 'package:equatable/equatable.dart';

abstract class AuthEvent extends Equatable {
 const AuthEvent();

 @override
 List<Object> get props => [];
}

```

```

class CheckAuthStatusEvent extends AuthEvent {
 const CheckAuthStatusEvent();
}

class LoginRequestedEvent extends AuthEvent {
 final String namamNim;
 final String nrm;

 const LoginRequestedEvent({required this.namamNim, required this.nrm});

 @override
 List<Object> get props => [namamNim, nrm];
}

class LogoutRequestedEvent extends AuthEvent {
 const LogoutRequestedEvent();
}

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\auth\presentation\bloc\aut

## h\_state.dart

```

import 'package:equatable/equatable.dart';
import '../domain/entities/user.dart';

abstract class AuthState extends Equatable {
 const AuthState();

 @override
 List<Object?> get props => [];
}

class AuthInitial extends AuthState {
 const AuthInitial();
}

class AuthLoading extends AuthState {
 const AuthLoading();
}

class AuthAuthenticated extends AuthState {
 final User user;

 const AuthAuthenticated({required this.user});

 @override
 List<Object> get props => [user];
}

class AuthUnauthenticated extends AuthState {
 const AuthUnauthenticated();
}

class AuthError extends AuthState {
 final String message;

 const AuthError({required this.message});

 @override
 List<Object> get props => [message];
}

```



```
}
```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\auth\presentation\pages\lo

### gin\_page.dart

```
import 'package:flutter/material.dart';
import 'package:flutter_bloc/flutter_bloc.dart';
import '../../../core/di/injection_container.dart' as di;
import '../bloc/auth_bloc.dart';
import '../bloc/auth_event.dart';
import '../bloc/auth_state.dart';

class LoginPage extends StatelessWidget {
 const LoginPage({super.key});

 @override
 Widget build(BuildContext context) {
 return const _LoginForm();
 }
}

class _LoginForm extends StatefulWidget {
 const _LoginForm();

 @override
 State<_LoginForm> createState() => _LoginFormState();
}

class _LoginFormState extends State<_LoginForm> {
 final _nimController = TextEditingController();
 final _nrmController = TextEditingController();
 final _formKey = GlobalKey<FormState>();

 @override
 void dispose() {
 _nimController.dispose();
 _nrmController.dispose();
 super.dispose();
 }

 void _onLoginPressed() {
 // Hide keyboard
 FocusScope.of(context).unfocus();
 // Dispatch event
 context.read<AuthBloc>().add(
 LoginRequestedEvent(
 namamNim: _nimController.text,
 nrm: _nrmController.text,
),
);
 }

 @override
 Widget build(BuildContext context) {
 return BlocListener<AuthBloc, AuthState>(
 listener: (context, state) {
 if (state is AuthError) {
 ScaffoldMessenger.of(context)
 ..hideCurrentSnackBar()
 ..showSnackBar(SnackBar(content: Text(state.message)));
 }
 },
);
 }
}
```

```
},
child: Scaffold(
 appBar: AppBar(title: const Text('Login Mahasiswa'), centerTitle: true),
 body: Center(
 child: SingleChildScrollView(
 padding: const EdgeInsets.all(24.0),
 child: Column(
 mainAxisAlignment: MainAxisAlignment.center,
 crossAxisAlignment: CrossAxisAlignment.stretch,
 children: [
 Icon(
 Icons.school,
 size: 80,
 color: Theme.of(context).primaryColor,
),
 const SizedBox(height: 24),
 TextField(
 controller: _nimController,
 decoration: const InputDecoration(
 labelText: 'NIM/NPM',
 border: OutlineInputBorder(),
 prefixIcon: Icon(Icons.person),
),
 keyboardType: TextInputType.text,
),
 const SizedBox(height: 16),
 TextField(
 controller: _nrmController,
 decoration: const InputDecoration(
 labelText: 'NRM',
 border: OutlineInputBorder(),
 prefixIcon: Icon(Icons.lock),
),
 obscureText: true,
),
 const SizedBox(height: 32),
 BlocBuilder<AuthBloc, AuthState>(
 builder: (context, state) {
 final isLoading = state.isAuthLoading;
 return ElevatedButton(
 style: ElevatedButton.styleFrom(
 padding: const EdgeInsets.symmetric(vertical: 16),
 shape: RoundedRectangleBorder(
 borderRadius: BorderRadius.circular(8),
),
),
 onPressed: isLoading ? null : _onLoginPressed,
 child: isLoading
 ? const SizedBox(
 height: 20,
 width: 20,
 child: CircularProgressIndicator(
 strokeWidth: 2,
 color: Colors.white,
),
)
 : const Text('Login'),
);
 },
),
],
),
),
),
),
```

```

);
 }
}

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\dashboard\presentation\pag

## es\dashboard\_page.dart

```

import 'package:flutter/material.dart';
import 'package:flutter_bloc/flutter_bloc.dart';
import '../../auth/presentation/bloc/auth_bloc.dart';
import '../../auth/presentation/bloc/auth_event.dart';
import '../../auth/presentation/bloc/auth_state.dart';
import 'package:wismon_keuangan/features/payment/presentation/pages/wismon_page.dart';

class HomePage extends StatelessWidget {
 const HomePage({super.key});

 @override
 Widget build(BuildContext context) {
 return Scaffold(
 backgroundColor: Colors.grey[50],
 body: SafeArea(
 child: BlocListener<AuthBloc, AuthState>(
 listener: (context, state) {
 if (state is AuthError) {
 ScaffoldMessenger.of(context).showSnackBar(
 SnackBar(
 content: Text(state.message),
 backgroundColor: Colors.red,
),
);
 }
 },
 child: BlocBuilder<AuthBloc, AuthState>(
 builder: (context, state) {
 if (state is AuthLoading) {
 return const Center(child: CircularProgressIndicator());
 }

 if (state is AuthAuthenticated) {
 return _buildHomePage(context, state.user.namam);
 }

 return const Center(child: Text('Loading...'));
 },
),
),
),
 bottomNavigationBar: BottomNavigationBar(
 type: BottomNavigationBarType.fixed,
 selectedItemColor: Colors.blue[600],
 unselectedItemColor: Colors.grey[600],
 currentIndex: 0,
 items: const [
 BottomNavigationBarItem(icon: Icon(Icons.home), label: 'Home'),
 BottomNavigationBarItem(icon: Icon(Icons.person), label: 'Profile'),
],
 onTap: (index) {
 if (index == 1) {
 _showProfile(context);
 }
 },
),
);
 }

 void _showProfile(BuildContext context) {
 // TODO: Implement profile showing logic
 }
}

```

```

 }
 },
),
);
}

```

```

Widget _buildHomePage(BuildContext context, String userName) {
 return Padding(
 padding: const EdgeInsets.all(24.0),
 child: Column(
 crossAxisAlignment: CrossAxisAlignment.start,
 children: [
 // Greeting
 Container(
 padding: const EdgeInsets.all(20),
 decoration: BoxDecoration(
 gradient: LinearGradient(
 colors: [Colors.blue[600]!, Colors.blue[400]!],
 begin: Alignment.topLeft,
 end: Alignment.bottomRight,
),
),
 borderRadius: BorderRadius.circular(16),
 boxShadow: [
 BoxShadow(
 color: Colors.blue.withOpacity(0.3),
 blurRadius: 10,
 offset: const Offset(0, 4),
),
],
),
 child: Row(
 children: [
 Container(
 width: 60,
 height: 60,
 decoration: BoxDecoration(
 color: Colors.white.withValues(alpha: 0.2),
 borderRadius: BorderRadius.circular(12),
),
 child: const Icon(
 Icons.person,
 color: Colors.white,
 size: 32,
),
),
 const SizedBox(width: 16),
 Expanded(
 child: Column(
 crossAxisAlignment: CrossAxisAlignment.start,
 children: [
 const Text(
 'Welcome!',
 style: TextStyle(
 color: Colors.white,
 fontSize: 14,
 fontWeight: FontWeight.w500,
),
),
 Text(
 'hello, $userName',
 style: const TextStyle(
 color: Colors.white,
 fontSize: 20,
 fontWeight: FontWeight.bold,
),
),
],
),
),
],
),
],
),
);
}

```

```

],
),
),
 // Logout button
 IconButton(
 onPressed: () => _showLogoutDialog(context),
 icon: const Icon(Icons.logout, color: Colors.white),
),
],
),
const SizedBox(height: 32),

// Navigation Grid
Text(
 'Quick Access',
 style: Theme.of(context).textTheme.titleLarge?.copyWith(
 fontWeight: FontWeight.bold,
 color: Colors.grey[800],
),
),
const SizedBox(height: 16),

Expanded(
 child: GridView.count(
 crossAxisCount: 2,
 crossAxisSpacing: 16,
 mainAxisSpacing: 16,
 children: [
 // Wismon Button
 _FeatureCard(
 context: context,
 icon: Icons.monetization_on,
 title: 'Wismon',
 subtitle: 'Check your payment status',
 onTap: () {
 Navigator.push(
 context,
 MaterialPageRoute(
 builder: (context) => const WismonPage(),
),
);
 },
),

 // WIS Button
 _FeatureCard(
 context: context,
 icon: Icons.school,
 title: 'WIS',
 subtitle: 'Student Information',
 onTap: () {
 ScaffoldMessenger.of(context).showSnackBar(
 const SnackBar(
 content: Text('Feature not implemented yet'),
),
);
 },
),

 // Feature 3 - Future placeholder
 _FeatureCard(
 context: context,
 icon: Icons.construction,
 title: 'Feature 3',
 subtitle: 'Coming Soon',
),
],
),
),

```

```

 onTap: () {
 ScaffoldMessenger.of(context).showSnackBar(
 const SnackBar(
 content: Text('Feature not implemented yet'),
),
);
 },
),

 // Feature 4 - Future placeholder
 _FeatureCard(
 context: context,
 icon: Icons.settings,
 title: 'Feature 4',
 subtitle: 'Coming Soon',
 onTap: () {
 ScaffoldMessenger.of(context).showSnackBar(
 const SnackBar(
 content: Text('Feature not implemented yet'),
),
);
 },
),
],
),
],
),
);
}

```

```

Widget _FeatureCard({
 required BuildContext context,
 required IconData icon,
 required String title,
 required String subtitle,
 required VoidCallback onTap,
}) {
 return Card(
 elevation: 4,
 shape: RoundedRectangleBorder(borderRadius: BorderRadius.circular(16)),
 child: InkWell(
 onTap: onTap,
 borderRadius: BorderRadius.circular(16),
 child: Padding(
 padding: const EdgeInsets.all(20),
 child: Column(
 mainAxisAlignment: MainAxisAlignment.center,
 children: [
 Container(
 width: 48,
 height: 48,
 decoration: BoxDecoration(
 color: Colors.blue.withOpacity(0.1),
 borderRadius: BorderRadius.circular(12),
),
 child: Icon(icon, color: Colors.blue, size: 24),
),
 const SizedBox(height: 12),
 Text(
 title,
 style: Theme.of(context).textTheme.titleMedium?.copyWith(
 fontWeight: FontWeight.bold,
 color: Colors.grey[800],
),
),
],
),
),
),
);
}

```

```

 const SizedBox(height: 4),
 Text(
 subtitle,
 style: Theme.of(
 context,
).textTheme.bodySmall?.copyWith(color: Colors.grey[600]),
 textAlign: TextAlign.center,
),
],
),
),
);
}

```

```

void _showProfile(BuildContext context) {
 final authState = context.read<AuthBloc>().state;
 if (authState is AuthAuthenticated) {
 showDialog(
 context: context,
 builder: (context) => AlertDialog(
 title: const Text('Profile'),
 content: Column(
 mainAxisAlignment: MainAxisAlignment.start,
 children: [
 Text('Name: ${authState.user.namam}'),
 Text('NRM: ${authState.user.nrm}'),
 if (authState.user.email != null)
 Text('Email: ${authState.user.email}'),
 if (authState.user.phone != null)
 Text('Phone: ${authState.user.phone}'),
],
),
 actions: [
 TextButton(
 onPressed: () => Navigator.of(context).pop(),
 child: const Text('Close'),
),
],
),
);
 }
}

```

```

void _showLogoutDialog(BuildContext context) {
 showDialog(
 context: context,
 builder: (context) => AlertDialog(
 title: const Text('Logout'),
 content: const Text('Are you sure you want to logout?'),
 actions: [
 TextButton(
 onPressed: () => Navigator.of(context).pop(),
 child: const Text('Cancel'),
),
 TextButton(
 onPressed: () {
 Navigator.of(context).pop();
 context.read<AuthBloc>().add(const LogoutRequestedEvent());
 },
 child: const Text('Logout'),
),
],
),
);
}

```

```
}
}
```

#### File:

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#### es\main\_navigation\_page.dart

```
import 'package:flutter/material.dart';
import 'package:flutter_bloc/flutter_bloc.dart';
import 'package:flutter_svg/flutter_svg.dart';
import 'package:wismon_keuangan/features/auth/presentation/bloc/auth_bloc.dart';
import 'package:wismon_keuangan/features/auth/presentation/bloc/auth_state.dart';
import 'package:wismon_keuangan/features/dashboard/presentation/pages/dashboard_page.dart';
import 'package:wismon_keuangan/features/menu/presentation/pages/menu_page.dart';
import 'package:wismon_keuangan/features/profile/presentation/pages/profile_page.dart';

class MainNavigationPage extends StatefulWidget {
 const MainNavigationPage({super.key});

 @override
 State<MainNavigationPage> createState() => _MainNavigationPageState();
}

class _MainNavigationPageState extends State<MainNavigationPage> {
 late PageController _pageController;
 int _selectedIndex = 0;

 final List<Widget> _pages = [
 const DashboardPage(),
 const MenuPage(),
 const ProfilePage(),
];

 @override
 void initState() {
 super.initState();
 _pageController = PageController(initialPage: _selectedIndex);
 }

 @override
 void dispose() {
 _pageController.dispose();
 super.dispose();
 }

 void _onItemTapped(int index) {
 if (_selectedIndex != index) {
 setState(() {
 _selectedIndex = index;
 });
 _pageController.animateToPage(
 index,
 duration: const Duration(milliseconds: 200),
 curve: Curves.easeInOut,
);
 }
 }

 @override
 Widget build(BuildContext context) {
 return BlocBuilder<AuthBloc, AuthState>(

```



```

builder: (context, state) {
 if (state is AuthLoading) {
 return const Scaffold(
 body: Center(child: CircularProgressIndicator()),
);
 }

 if (state is AuthAuthenticated) {
 return Scaffold(
 body: PageView(
 controller: _pageController,
 onPageChanged: (index) {
 setState(() {
 _selectedIndex = index;
 });
 },
 children: _pages,
),
 bottomNavigationBar: _buildBottomNavigationBar(),
);
 }

 return const Center(child: Text('Loading...'));
},
);
}

Widget _buildBottomNavigationBar() {
 return Container(
 decoration: const BoxDecoration(
 border: Border(top: BorderSide(color: Color(0xFFE7E7E7), width: 1)),
),
 child: BottomNavigationBar(
 type: BottomNavigationBarType.fixed,
 backgroundColor: Colors.white,
 selectedItemColor: const Color(0xFF121212),
 unselectedItemColor: const Color(0xFF858586),
 selectedLabelStyle: const TextStyle(
 fontSize: 12,
 fontWeight: FontWeight.w800,
 letterSpacing: -0.12,
),
 unselectedLabelStyle: const TextStyle(
 fontSize: 12,
 fontWeight: FontWeight.w500,
 letterSpacing: -0.12,
),
 currentIndex: _selectedIndex,
 onTap: _onItemTapped,
 elevation: 0,
 items: const [
 BottomNavigationBarItem(
 icon: Padding(
 padding: EdgeInsets.only(bottom: 4),
 child: Icon(Icons.home_outlined, size: 24),
),
 activeIcon: Padding(
 padding: EdgeInsets.only(bottom: 4),
 child: Icon(Icons.home, size: 24),
),
 label: 'Beranda',
),
 BottomNavigationBarItem(
 icon: Padding(
 padding: EdgeInsets.only(bottom: 4),
 child: Icon(Icons.menu, size: 24),

```

```

),
 activeIcon: Padding(
 padding: EdgeInsets.only(bottom: 4),
 child: Icon(Icons.menu, size: 24),
),
 label: 'Menu',
),
 BottomNavigationBarItem(
 icon: Padding(
 padding: EdgeInsets.only(bottom: 4),
 child: Icon(Icons.person_outline, size: 24),
),
 activeIcon: Padding(
 padding: EdgeInsets.only(bottom: 4),
 child: Icon(Icons.person, size: 24),
),
 label: 'Profil',
),
],
),
);
}
}

class DashboardPage extends StatelessWidget {
 const DashboardPage({super.key});

 @override
 Widget build(BuildContext context) {
 return const Scaffold(
 body: Center(child: Text('Beranda Page (Work in Progress)'),
);
 }
}

```

## File:

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## nu\_page.dart

```

import 'package:flutter/material.dart';
import 'package:wismon_keuangan/features/payment/presentation/pages/wismon_page.dart';
import 'package:flutter_bloc/flutter_bloc.dart';
import 'package:wismon_keuangan/features/auth/presentation/bloc/auth_bloc.dart';
import 'package:wismon_keuangan/features/auth/presentation/bloc/auth_event.dart';
import 'package:flutter_svg/flutter_svg.dart';

class MenuPage extends StatelessWidget {
 const MenuPage({super.key});

 @override
 Widget build(BuildContext context) {
 return Scaffold(
 backgroundColor: Colors.transparent,
 body: Stack(
 children: [
 // Correctly positioned logo background
 Positioned(
 right: 100,
 bottom: 180,
 child: RepaintBoundary(
 child: Opacity(

```

```

 opacity: 1,
 child: Transform.scale(
 scale: 4,
 child: SvgPicture.asset(
 'assets/LOGOWHS.svg',
 width: 300,
 height: 185,
 fit: BoxFit.contain,
),
),
),
),
),
 SafeArea(
 child: Column(
 children: [
 _buildHeader(context),
 Expanded(child: _buildMenuItems(context)),
],
),
),
],
);
}

```

```

Widget _buildHeader(BuildContext context) {
 return RepaintBoundary(
 child: Container(
 padding: const EdgeInsets.symmetric(horizontal: 16, vertical: 12),
 child: Row(
 mainAxisAlignment: MainAxisAlignment.spaceBetween,
 children: [
 const Text(
 'Menu Aplikasi',
 style: TextStyle(
 fontSize: 24,
 fontWeight: FontWeight.w800,
 color: Color(0xFF121212),
 letterSpacing: -0.24,
),
),
 Container(
 width: 40,
 height: 40,
 decoration: BoxDecoration(
 color: Colors.white,
 borderRadius: BorderRadius.circular(8),
 boxShadow: const [
 BoxShadow(
 color: Color(0x0D000000),
 blurRadius: 10,
 offset: Offset(0, 4),
),
],
),
),
 IconButton(
 onPressed: () => _showSettingsLogoutSheet(context),
 icon: const Icon(
 Icons.settings,
 color: Color(0xFF121212),
 size: 20,
),
 padding: EdgeInsets.zero,
),
],
),
),
),

```

```

],
),
),
);
}

void _showSettingsLogoutSheet(BuildContext context) {
 showModalBottomSheet(
 context: context,
 shape: const RoundedRectangleBorder(
 borderRadius: BorderRadius.vertical(top: Radius.circular(20)),
),
 builder: (BuildContext sheetContext) {
 return Container(
 padding: const EdgeInsets.all(20),
 child: Column(
 mainAxisAlignment: MainAxisAlignment.min,
 children: [
 const Text(
 'Pengaturan',
 style: TextStyle(fontSize: 18, fontWeight: FontWeight.bold),
),
 const SizedBox(height: 20),
 const Text(
 'Aplikasi WHN Mobile adalah sebuah aplikasi sistem informasi layanan terpadu yang memberikan kemudahan akses akan informasi dan layanan bagi seluruh pengguna layanan Sistem Informasi Wira Husada Nusantara yang menggunakan perangkat mobile.',
 textAlign: TextAlign.center,
 style: TextStyle(fontSize: 14, color: Colors.grey),
),
 const SizedBox(height: 20),
 ElevatedButton(
 onPressed: () {
 Navigator.pop(sheetContext);
 context.read<AuthBloc>().add(const LogoutRequestedEvent());
 },
 style: ElevatedButton.styleFrom(
 backgroundColor: const Color(0xFF207BB5),
 padding: const EdgeInsets.symmetric(vertical: 12),
 shape: RoundedRectangleBorder(
 borderRadius: BorderRadius.circular(8),
),
 minimumSize: const Size(double.infinity, 50),
),
 child: const Text(
 'Keluar Akun',
 style: TextStyle(color: Colors.white, fontSize: 16),
),
),
 const SizedBox(height: 10),
 TextButton(
 onPressed: () => Navigator.pop(sheetContext),
 child: const Text(
 'Batal',
 style: TextStyle(color: Colors.grey),
),
),
],
),
);
 },
);
}

Widget _buildMenuItems(BuildContext context) {
 return RepaintBoundary(

```

```

child: SingleChildScrollView(
 padding: const EdgeInsets.symmetric(horizontal: 16),
 physics: const AlwaysScrollableScrollPhysics(),
 child: Column(
 children: [
 const SizedBox(height: 4),
 _buildMenuItem(
 context: context,
 icon: Icons.account_balance_wallet_outlined,
 title: 'Biaya Kuliah',
 subtitle: 'Detail biaya kuliah Anda.',
 onTap: () {
 Navigator.push(
 context,
 PageRouteBuilder(
 pageBuilder: (context, animation, secondaryAnimation) =>
 const WismonPage(),
 transitionsBuilder:
 (context, animation, secondaryAnimation, child) {
 return FadeTransition(
 opacity: animation,
 child: child,
);
 },
 transitionDuration: const Duration(milliseconds: 200),
),
);
 },
),
 const SizedBox(height: 16),
 _buildMenuItem(
 context: context,
 icon: Icons.description_outlined,
 title: 'Transkrip Nilai',
 subtitle: 'Dokumen resmi riwayat akademik lengkap Anda.',
 onTap: () {
 _showComingSoonSnackBar(context, 'Transkrip Nilai');
 },
),
 const SizedBox(height: 16),
 _buildMenuItem(
 context: context,
 icon: Icons.folder_open_outlined,
 title: 'Kartu Hasil Studi (KHS)',
 subtitle: 'Lihat nilai dan progres akademik Anda dengan mudah.',
 onTap: () {
 _showComingSoonSnackBar(context, 'Kartu Hasil Studi');
 },
),
 const SizedBox(height: 16),
 _buildMenuItem(
 context: context,
 icon: Icons.edit_note_outlined,
 title: 'Kartu Rencana Studi (KRS)',
 subtitle: 'Rencanakan dan pilih mata kuliah selama perkuliahan.',
 onTap: () {
 _showComingSoonSnackBar(context, 'Kartu Rencana Studi');
 },
),
 const SizedBox(height: 16),
 _buildMenuItem(
 context: context,
 icon: Icons.calendar_today_outlined,
 title: 'Presensi Kelas',
 subtitle: 'Catat kehadiran Anda di setiap sesi perkuliahan.',
 onTap: () {

```

```

 _showComingSoonSnackBar(context, 'Presensi Kelas');
 },
),
const SizedBox(height: 16),
_buildMenuItem(
 context: context,
 icon: Icons.public_outlined,
 title: 'Layanan Perpustakaan',
 subtitle: 'Akses berbagai sumber daya akademik.',
 onTap: () {
 _showComingSoonSnackBar(context, 'Layanan Perpustakaan');
 },
),
const SizedBox(height: 20), // Extra padding at bottom
],
),
),
);
}

```

```

void _showComingSoonSnackBar(BuildContext context, String featureName) {
 ScaffoldMessenger.of(context).showSnackBar(
 SnackBar(
 content: Text('$featureName akan segera tersedia'),
 backgroundColor: const Color(0xFF207BB5),
 behavior: SnackBarBehavior.floating,
 shape: RoundedRectangleBorder(borderRadius: BorderRadius.circular(8)),
 margin: const EdgeInsets.all(16),
),
);
}

```

```

Widget _buildMenuItem({
 required BuildContext context,
 required IconData icon,
 required String title,
 required String subtitle,
 required VoidCallback onTap,
}) {
 return RepaintBoundary(
 child: Container(
 decoration: BoxDecoration(
 color: Colors.white,
 borderRadius: BorderRadius.circular(8),
 boxShadow: const [
 BoxShadow(
 color: Color(0x08000000),
 blurRadius: 12,
 offset: Offset(0, 4),
),
],
),
 child: Material(
 color: Colors.transparent,
 child: InkWell(
 onTap: onTap,
 borderRadius: BorderRadius.circular(8),
 splashColor: const Color(0xFF207BB5).withOpacity(0.1),
 highlightColor: const Color(0xFF207BB5).withOpacity(0.05),
 child: Padding(
 padding: const EdgeInsets.all(8),
 child: Row(
 children: [
 Container(
 width: 48,
 height: 48,

```



```

 try {
 // Remove "Rp", whitespace, and all separators (.,), then parse.
 final sanitized = value.replaceAll(RegExp(r'[Rp.,\s]'), '');
 return double.parse(sanitized);
 } catch (e) {
 return 0.0;
 }
}
return 0.0;
}

// --- PAYMENT HISTORY MODEL ---

class PaymentHistoryItemModel extends PaymentHistoryItem {
 const PaymentHistoryItemModel({
 required super.id,
 required super.txId,
 required super.tanggal,
 required super.tanggalFull,
 required super.type,
 required super.jumlah,
 required super.status,
 required super.method,
 required super.methodCode,
 });

 factory PaymentHistoryItemModel.fromJson(Map<String, dynamic> json) {
 return PaymentHistoryItemModel(
 id: json['id'].toString(),
 txId: json['tx_id'].toString(),
 tanggal: json['tanggal'].toString(),
 tanggalFull: json['tanggal_full'].toString(),
 type: json['type'].toString(),
 jumlah: _parseCurrency(json['jumlah']),
 status: json['status'].toString(),
 method: json['method'].toString(),
 methodCode: json['method_code'].toString(),
);
 }
}

// --- PAYMENT SUMMARY MODEL ---

class PaymentSummaryModel extends PaymentSummary {
 const PaymentSummaryModel({
 required super.totalPembayaran,
 required super.breakdown,
 });

 factory PaymentSummaryModel.fromJson(Map<String, dynamic> json) {
 final breakdownData = json['breakdown'] as Map<String, dynamic>;
 final breakdown = breakdownData.map(
 (key, value) => MapEntry(key, _parseCurrency(value)),
);

 return PaymentSummaryModel(
 totalPembayaran: _parseCurrency(json['total_pembayaran']),
 breakdown: breakdown,
);
 }
}

// --- TRANSACTION DETAIL MODEL ---

class TransactionDetailModel extends TransactionDetail {
 const TransactionDetailModel({

```



```

 required super.id,
 required super.txId,
 required super.tanggal,
 required super.tanggalFull,
 required super.type,
 required super.jumlah,
 required super.status,
 required super.method,
 required super.studentName,
 required super.studentNim,
 required super.studentProdi,
 required super.paymentBreakdown,
 });

factory TransactionDetailModel.fromJson(Map<String, dynamic> json) {
 final breakdownData =
 json['payment_breakdown'] as Map<String, dynamic>? ?? {};
 final paymentBreakdown = breakdownData.map(
 (key, value) => MapEntry(key, _parseCurrency(value)),
);

 return TransactionDetailModel(
 id: json['id'].toString(),
 txId: json['tx_id'].toString(),
 tanggal: json['tanggal'].toString(),
 tanggalFull: json['tanggal_full'].toString(),
 type: json['type'].toString(),
 jumlah: _parseCurrency(json['jumlah']),
 status: json['status'].toString(),
 method: json['method'].toString(),
 studentName: json['student_name'].toString(),
 studentNim: json['student_nim'].toString(),
 studentProdi: json['student_prodi'].toString(),
 paymentBreakdown: paymentBreakdown,
);
}
}

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\payment\data\repositories\

### payment\_repository\_impl.dart

```

import 'package:dartz/dartz.dart';
import '../core/error/failures.dart';
import '../core/services/api_service.dart';
import '../domain/entities/payment.dart';
import '../domain/repositories/payment_repository.dart';
import '../models/payment_model.dart';

class PaymentRepositoryImpl implements PaymentRepository {
 final ApiService apiService;

 PaymentRepositoryImpl({required this.apiService});

 @override
 Future<Either<Failure, List<PaymentHistoryItem>>> getPaymentHistory({
 int page = 1,
 int limit = 20,
 String? startDate,
 String? endDate,
 String? type,
 }) {

```

```

String sortBy = 'tanggal',
String sortOrder = 'desc',
}) async {
 try {
 final historyModels = await apiService.getPaymentHistory(
 page: page,
 limit: limit,
 startDate: startDate,
 endDate: endDate,
 type: type,
 sortBy: sortBy,
 sortOrder: sortOrder,
);

 // Convert models to entities
 final List<PaymentHistoryItem> entities = historyModels
 .cast<PaymentHistoryItem>();
 return Right(entities);
 } catch (e) {
 return Left(ServerFailure(e.toString().replaceFirst('Exception: ', '')));
 }
}

@override
Future<Either<Failure, PaymentSummary>> getPaymentSummary() async {
 try {
 final summaryModel = await apiService.getPaymentSummary();
 return Right(summaryModel);
 } catch (e) {
 return Left(ServerFailure(e.toString().replaceFirst('Exception: ', '')));
 }
}

@override
Future<Either<Failure, TransactionDetail>> getTransactionDetail(
 String transactionId,
) async {
 try {
 final detailModel = await apiService.getTransactionDetail(transactionId);
 return Right(detailModel);
 } catch (e) {
 return Left(ServerFailure(e.toString().replaceFirst('Exception: ', '')));
 }
}

@override
Future<Either<Failure, bool>> refreshPaymentData() async {
 try {
 final refreshed = await apiService.refreshPaymentData();
 return Right(refreshed);
 } catch (e) {
 return Left(ServerFailure(e.toString().replaceFirst('Exception: ', '')));
 }
}
}

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\payment\domain\entities\payment.dart

```
import 'package:equatable/equatable.dart';
```

```
// --- PAYMENT HISTORY ---
```

```
class PaymentHistoryItem extends Equatable {
 final String id;
 final String txId;
 final String tanggal;
 final String tanggalFull;
 final String type;
 final double jumlah;
 final String status;
 final String method;
 final String methodCode;

 const PaymentHistoryItem({
 required this.id,
 required this.txId,
 required this.tanggal,
 required this.tanggalFull,
 required this.type,
 required this.jumlah,
 required this.status,
 required this.method,
 required this.methodCode,
 });

 @override
 List<Object> get props => [
 id,
 txId,
 tanggal,
 tanggalFull,
 type,
 jumlah,
 status,
 method,
 methodCode,
];
}
```

```
// --- PAYMENT SUMMARY ---
```

```
class PaymentSummary extends Equatable {
 final double totalPembayaran;
 final Map<String, double> breakdown;

 const PaymentSummary({
 required this.totalPembayaran,
 required this.breakdown,
 });

 @override
 List<Object> get props => [totalPembayaran, breakdown];
}
```

```
// --- TRANSACTION DETAIL ---
```

```
class TransactionDetail extends Equatable {
 final String id;
 final String txId;
 final String tanggal;
 final String tanggalFull;
 final String type;
 final double jumlah;
 final String status;
 final String method;
}
```

```

final String studentName;
final String studentNim;
final String studentProdi;
final Map<String, double> paymentBreakdown;

const TransactionDetail({
 required this.id,
 required this.txId,
 required this.tanggal,
 required this.tanggalFull,
 required this.type,
 required this.jumlah,
 required this.status,
 required this.method,
 required this.studentName,
 required this.studentNim,
 required this.studentProdi,
 required this.paymentBreakdown,
});

@override
List<Object?> get props => [
 id,
 txId,
 tanggal,
 tanggalFull,
 type,
 jumlah,
 status,
 method,
 studentName,
 studentNim,
 studentProdi,
 paymentBreakdown,
];
}

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\payment\domain\repository

### s\payment\_repository.dart

```

import 'package:dartz/dartz.dart';
import '...../core/error/failures.dart';
import '.../entities/payment.dart';

abstract class PaymentRepository {
 Future<Either<Failure, List<PaymentHistoryItem>>> getPaymentHistory({
 int page = 1,
 int limit = 20,
 String? startDate,
 String? endDate,
 String? type,
 String sortBy = 'tanggal',
 String sortOrder = 'desc',
 });

 Future<Either<Failure, PaymentSummary>> getPaymentSummary();

 Future<Either<Failure, TransactionDetail>> getTransactionDetail(
 String transactionId,
);
}

```

```

 Future<Either<Failure, bool>> refreshPaymentData();
}

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\payment\domain\usecases\ge

### t\_payment\_history\_usecase.dart

```

import 'package:dartz/dartz.dart';
import 'package:equatable/equatable.dart';
import '../error/failures.dart';
import '../usecases/usecase.dart';
import '../entities/payment.dart';
import '../repositories/payment_repository.dart';

class GetPaymentHistoryUseCase
 implements UseCase<List<PaymentHistoryItem>, PaymentHistoryParams> {
 final PaymentRepository repository;

 GetPaymentHistoryUseCase(this.repository);

 @override
 Future<Either<Failure, List<PaymentHistoryItem>>> call(
 PaymentHistoryParams params,
) async {
 return await repository.getPaymentHistory(
 page: params.page,
 limit: params.limit,
 startDate: params.startDate,
 endDate: params.endDate,
 type: params.type,
 sortBy: params.sortBy,
 sortOrder: params.sortOrder,
);
 }
}

class PaymentHistoryParams extends Equatable {
 final int page;
 final int limit;
 final String? startDate;
 final String? endDate;
 final String? type;
 final String sortBy;
 final String sortOrder;

 const PaymentHistoryParams({
 this.page = 1,
 this.limit = 20,
 this.startDate,
 this.endDate,
 this.type,
 this.sortBy = 'tanggal',
 this.sortOrder = 'desc',
 });

 @override
 List<Object?> get props => [
 page,
 limit,
 startDate,

```

```

 endDate,
 type,
 sortBy,
 sortOrder,
];
}

```

#### File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\payment\domain\usecases\ge

#### t\_payment\_summary\_usecase.dart

```

import 'package:dartz/dartz.dart';
import '...../core/error/failures.dart';
import '...../core/usecases/usecase.dart';
import '../entities/payment.dart';
import '../repositories/payment_repository.dart';

class GetPaymentSummaryUseCase implements UseCase<PaymentSummary, NoParams> {
 final PaymentRepository repository;

 GetPaymentSummaryUseCase(this.repository);

 @override
 Future<Either<Failure, PaymentSummary>> call(NoParams params) async {
 return await repository.getPaymentSummary();
 }
}

```

#### File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\payment\domain\usecases\ge

#### t\_transaction\_detail\_usecase.dart

```

import 'package:dartz/dartz.dart';
import 'package:equatable/equatable.dart';
import '...../core/error/failures.dart';
import '...../core/usecases/usecase.dart';
import '../entities/payment.dart';
import '../repositories/payment_repository.dart';

class GetTransactionDetailUseCase
 implements UseCase<TransactionDetail, TransactionDetailParams> {
 final PaymentRepository repository;

 GetTransactionDetailUseCase(this.repository);

 @override
 Future<Either<Failure, TransactionDetail>> call(
 TransactionDetailParams params,
) async {
 return await repository.getTransactionDetail(params.transactionId);
 }
}

class TransactionDetailParams extends Equatable {
 final String transactionId;

 const TransactionDetailParams({required this.transactionId});
}

```

```

@override
List<Object> get props => [transactionId];
}

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\payment\presentation\bloc\

### payment\_bloc.dart

```

import 'package:flutter_bloc/flutter_bloc.dart';
import '...../core/error/failures.dart';
import '...../core/usecases/usecase.dart';
import '...../domain/entities/payment.dart';
import '...../domain/usecases/get_payment_history_usecase.dart';
import '...../domain/usecases/get_payment_summary_usecase.dart';
import '...../domain/usecases/get_transaction_detail_usecase.dart';
import 'payment_event.dart';
import 'payment_state.dart';

class PaymentBloc extends Bloc<PaymentEvent, PaymentState> {
 final GetPaymentHistoryUseCase getPaymentHistoryUseCase;
 final GetPaymentSummaryUseCase getPaymentSummaryUseCase;
 final GetTransactionDetailUseCase getTransactionDetailUseCase;

 PaymentBloc({
 required this.getPaymentHistoryUseCase,
 required this.getPaymentSummaryUseCase,
 required this.getTransactionDetailUseCase,
 }) : super(const PaymentInitial()) {
 on<LoadPaymentHistoryEvent>(_onLoadPaymentHistory);
 on<LoadPaymentSummaryEvent>(_onLoadPaymentSummary);
 on<LoadTransactionDetailEvent>(_onLoadTransactionDetail);
 on<RefreshPaymentDataEvent>(_onRefreshPaymentData);
 }

 Future<void> _onLoadPaymentHistory(
 LoadPaymentHistoryEvent event,
 Emitter<PaymentState> emit,
) async {
 // Keep current history for a better refresh experience
 List<PaymentHistoryItem> currentHistory = [];
 if (state is PaymentHistoryLoaded) {
 currentHistory = (state as PaymentHistoryLoaded).historyItems;
 }

 // Show loading indicator only on initial load
 if (event.page == 1) {
 emit(const PaymentLoading());
 }

 final result = await getPaymentHistoryUseCase(
 PaymentHistoryParams(page: event.page, limit: event.limit),
);

 await result.fold(
 (failure) async =>
 emit(PaymentError(message: _mapFailureToMessage(failure))),
 (newHistoryItems) async {
 final summaryResult = await getPaymentSummaryUseCase(NoParams());
 await summaryResult.fold(
 (summaryFailure) async => emit(

```

```

 PaymentHistoryLoaded(
 historyItems: event.page == 1
 ? newHistoryItems
 : (currentHistory + newHistoryItems),
),
),
 (summary) async => emit(
 PaymentHistoryLoaded(
 historyItems: event.page == 1
 ? newHistoryItems
 : (currentHistory + newHistoryItems),
 summary: summary,
),
),
);
},
);
}

Future<void> _loadSummaryWithHistory(
 List<PaymentHistoryItem> historyItems,
 Emitter<PaymentState> emit,
) async {
 final summaryResult = await getPaymentSummaryUseCase(NoParams());

 await summaryResult.fold(
 (failure) async => emit(PaymentHistoryLoaded(historyItems: historyItems)),
 (summary) async => emit(
 PaymentHistoryLoaded(historyItems: historyItems, summary: summary),
),
);
}

Future<void> _onLoadPaymentSummary(
 LoadPaymentSummaryEvent event,
 Emitter<PaymentState> emit,
) async {
 emit(const PaymentLoading());

 final result = await getPaymentSummaryUseCase(NoParams());

 await result.fold(
 (failure) async =>
 emit(PaymentError(message: _mapFailureToMessage(failure))),
 (summary) async => emit(PaymentSummaryLoaded(summary: summary)),
);
}

Future<void> _onLoadTransactionDetail(
 LoadTransactionDetailEvent event,
 Emitter<PaymentState> emit,
) async {
 emit(const PaymentLoading());

 final result = await getTransactionDetailUseCase(
 TransactionDetailParams(transactionId: event.transactionId),
);

 await result.fold(
 (failure) async =>
 emit(PaymentError(message: _mapFailureToMessage(failure))),
 (transactionDetail) async =>
 emit(TransactionDetailLoaded(transactionDetail: transactionDetail)),
);
}

```



```

Future<void> _onRefreshPaymentData(
 RefreshPaymentDataEvent event,
 Emitter<PaymentState> emit,
) async {
 final result = await getPaymentHistoryUseCase(
 const PaymentHistoryParams(page: 1, limit: 20),
);
 add(const LoadPaymentHistoryEvent());
}

String _mapFailureToMessage(Failure failure) {
 switch (failure.runtimeType) {
 case ServerFailure:
 return (failure as ServerFailure).message;
 case NetworkFailure:
 return (failure as NetworkFailure).message;
 case CacheFailure:
 return (failure as CacheFailure).message;
 default:
 return 'Unexpected error occurred';
 }
}

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\payment\presentation\bloc\

## payment\_event.dart

```

import 'package:equatable/equatable.dart';

abstract class PaymentEvent extends Equatable {
 const PaymentEvent();

 @override
 List<Object?> get props => [];
}

class LoadPaymentHistoryEvent extends PaymentEvent {
 final int page;
 final int limit;
 final String? startDate;
 final String? endDate;
 final String? type;
 final String sortBy;
 final String sortOrder;

 const LoadPaymentHistoryEvent({
 this.page = 1,
 this.limit = 20,
 this.startDate,
 this.endDate,
 this.type,
 this.sortBy = 'tanggal',
 this.sortOrder = 'desc',
 });

 @override
 List<Object?> get props => [
 page,
 limit,
 startDate,

```

```

 endDate,
 type,
 sortBy,
 sortOrder,
];
}

class LoadPaymentSummaryEvent extends PaymentEvent {
 const LoadPaymentSummaryEvent();
}

class LoadTransactionDetailEvent extends PaymentEvent {
 final String transactionId;

 const LoadTransactionDetailEvent({required this.transactionId});

 @override
 List<Object> get props => [transactionId];
}

class RefreshPaymentDataEvent extends PaymentEvent {
 const RefreshPaymentDataEvent();
}

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\payment\presentation\bloc\

### payment\_state.dart

```

import 'package:equatable/equatable.dart';
import '../domain/entities/payment.dart';

abstract class PaymentState extends Equatable {
 const PaymentState();

 @override
 List<Object?> get props => [];
}

class PaymentInitial extends PaymentState {
 const PaymentInitial();
}

class PaymentLoading extends PaymentState {
 const PaymentLoading();
}

class PaymentHistoryLoaded extends PaymentState {
 final List<PaymentHistoryItem> historyItems;
 final PaymentSummary? summary;
 final TransactionDetail? transactionDetail;

 const PaymentHistoryLoaded({
 required this.historyItems,
 this.summary,
 this.transactionDetail,
 });

 @override
 List<Object?> get props => [historyItems, summary, transactionDetail];
}

```

```

class PaymentSummaryLoaded extends PaymentState {
 final PaymentSummary summary;

 const PaymentSummaryLoaded({required this.summary});

 @override
 List<Object> get props => [summary];
}

class TransactionDetailLoaded extends PaymentState {
 final TransactionDetail transactionDetail;

 const TransactionDetailLoaded({required this.transactionDetail});

 @override
 List<Object> get props => [transactionDetail];
}

class PaymentRefreshed extends PaymentState {
 final bool refreshed;

 const PaymentRefreshed({required this.refreshed});

 @override
 List<Object> get props => [refreshed];
}

class PaymentError extends PaymentState {
 final String message;

 const PaymentError({required this.message});

 @override
 List<Object> get props => [message];
}

```

#### **File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\payment\presentation\components\components.dart**

```

export 'payment_summary_card.dart';
export 'transaction_card.dart';

```

#### **File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\payment\presentation\components\payment\_summary\_card.dart**

```

import 'package:flutter/material.dart';
import 'package:intl/intl.dart';

class PaymentSummaryCard extends StatelessWidget {
 final String title;
 final double amount;

 const PaymentSummaryCard({
 super.key,
 required this.title,

```

```

 required this.amount,
 });

static final NumberFormat _currencyFormat = NumberFormat.currency(
 locale: 'id_ID',
 symbol: 'Rp ',
 decimalDigits: 0,
);

@override
Widget build(BuildContext context) {
 return Container(
 clipBehavior: Clip.antiAlias,
 decoration: const ShapeDecoration(
 color: Color(0xFFFAFAFA),
 shape: RoundedRectangleBorder(
 side: BorderSide(width: 1, color: Color(0xFFE7E7E7)),
 borderRadius: BorderRadius.all(Radius.circular(8)),
),
),
 child: Column(
 mainAxisAlignment: MainAxisAlignment.min,
 mainAxisSize: MainAxisSize.min,
 crossAxisAlignment: CrossAxisAlignment.start,
 children: [
 Padding(
 padding: const EdgeInsets.all(8),
 child: Text(
 title,
 style: const TextStyle(
 color: Color(0xFF1C1D1F),
 fontSize: 12,
 fontWeight: FontWeight.w500,
 letterSpacing: -0.12,
),
),
),
 const Divider(height: 1, thickness: 1, color: Color(0xFFE7E7E7)),
 Padding(
 padding: const EdgeInsets.all(8),
 child: Text(
 _currencyFormat.format(amount),
 style: const TextStyle(
 color: Color(0xFF121111),
 fontSize: 20,
 fontWeight: FontWeight.w600,
 letterSpacing: -0.20,
),
),
),
],
),
);
}

```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\payment\presentation\components\transaction\_card.dart**

```
import 'package:flutter/material.dart';
```

```

import 'package:intl/intl.dart';
import '../domain/entities/payment.dart';

class TransactionCard extends StatelessWidget {
 final PaymentHistoryItem item;
 final VoidCallback onTap;

 const TransactionCard({super.key, required this.item, required this.onTap});

 static final NumberFormat _currencyFormat = NumberFormat.currency(
 locale: 'id_ID',
 symbol: 'Rp ',
 decimalDigits: 0,
);

 @override
 Widget build(BuildContext context) {
 return Material(
 color: const Color(0xFFFAFAFA),
 borderRadius: BorderRadius.circular(8),
 elevation: 2,
 shadowColor: const Color(0x0C000000),
 child: InkWell(
 onTap: onTap,
 borderRadius: BorderRadius.circular(8),
 child: Padding(
 padding: const EdgeInsets.symmetric(horizontal: 12, vertical: 8),
 child: Row(
 children: [
 Expanded(
 child: Column(
 crossAxisAlignment: CrossAxisAlignment.start,
 children: [
 Text(
 item.type,
 style: const TextStyle(
 color: Color(0xFF121315),
 fontSize: 16,
 fontWeight: FontWeight.w500,
 letterSpacing: -0.16,
),
),
 const SizedBox(height: 8),
 Row(
 children: [
 // Transaction ID Badge
 Container(
 padding: const EdgeInsets.symmetric(
 horizontal: 8,
 vertical: 2,
),
 decoration: BoxDecoration(
 color: const Color(0xFFA5DCFF),
 borderRadius: BorderRadius.circular(4),
),
),
 child: Text(
 item.txId,
 textAlign: TextAlign.center,
 style: const TextStyle(
 color: Color(0xFF323335),
 fontSize: 9,
 fontWeight: FontWeight.w700,
 height: 1.78,
 letterSpacing: 1,
),
),
],
),
],
),
),
],
),
),
),
);
 }
}

```

```

),
 const SizedBox(width: 8),
 // Amount
 Text(
 _currencyFormat.format(item.jumlah),
 style: const TextStyle(
 color: Color(0xFF858586),
 fontSize: 12,
 fontWeight: FontWeight.w500,
 letterSpacing: -0.12,
),
),
],
),
],
),
// Date
Column(
 crossAxisAlignment: CrossAxisAlignment.end,
 children: [
 Text(
 _formatDate(item.tanggal),
 textAlign: TextAlign.right,
 style: const TextStyle(
 color: Color(0xFF858586),
 fontSize: 9,
 fontWeight: FontWeight.w500,
 letterSpacing: -0.09,
),
),
 Text(
 _formatYear(item.tanggal),
 textAlign: TextAlign.right,
 style: const TextStyle(
 color: Color(0xFF858586),
 fontSize: 9,
 fontWeight: FontWeight.w500,
 letterSpacing: -0.09,
),
),
],
),
],
),
),
);
}

```

```

String _formatDate(String dateString) {
 try {
 final parts = dateString.split(' ');
 if (parts.length >= 2) {
 return '${parts[0]} ${parts[1]}';
 }
 return dateString;
 } catch (e) {
 return dateString;
 }
}

```

```

String _formatYear(String dateString) {
 try {
 final parts = dateString.split(' ');
 if (parts.length >= 3) {

```

```

 return parts[2];
 }
 return DateTime.now().year.toString();
} catch (e) {
 return DateTime.now().year.toString();
}
}
}

```

# File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\payment\presentation\pages  
transaction\_detail\_page.dart

```

import 'package:flutter/material.dart';
import 'package:flutter/services.dart';
import 'package:flutter_bloc/flutter_bloc.dart';
import 'package:intl/intl.dart';
import 'package:wismon_keuangan/features/payment/domain/entities/payment.dart';
import 'package:wismon_keuangan/features/payment/presentation/bloc/payment_bloc.dart';
import 'package:wismon_keuangan/features/payment/presentation/bloc/payment_event.dart';
import 'package:wismon_keuangan/features/payment/presentation/bloc/payment_state.dart';

```

```

class TransactionDetailPage extends StatefulWidget {
 final String transactionId;

 const TransactionDetailPage({super.key, required this.transactionId});

 @override
 State<TransactionDetailPage> createState() => _TransactionDetailPageState();
}

```

```

class _TransactionDetailPageState extends State<TransactionDetailPage> {
 @override
 void initState() {
 super.initState();
 context.read<PaymentBloc>().add(
 LoadTransactionDetailEvent(transactionId: widget.transactionId),
);
 }
}

```

```

@override
Widget build(BuildContext context) {
 return Scaffold(
 backgroundColor: Colors.grey[50],
 appBar: AppBar(
 title: const Text(
 'Detail Transaksi',
 style: TextStyle(fontWeight: FontWeight.bold),
),
 backgroundColor: Colors.white,
 foregroundColor: Colors.grey[800],
 elevation: 1,
),
 body: BlocConsumer<PaymentBloc, PaymentState>(
 listener: (context, state) {
 if (state is PaymentError) {
 ScaffoldMessenger.of(context).showSnackBar(
 SnackBar(
 content: Text(state.message),
 backgroundColor: Colors.red,
),
),
 }
 },
),
);
}

```

```

);
 }
},
builder: (context, state) {
 if (state is PaymentLoading) {
 return const Center(child: CircularProgressIndicator());
 }

 if (state is TransactionDetailLoaded) {
 return _buildTransactionDetail(context, state.transactionDetail);
 }
 // Use the current state if it contains the detail, e.g. after a refresh
 if (state is PaymentHistoryLoaded &&
 state.transactionDetail != null) {
 return _buildTransactionDetail(context, state.transactionDetail!);
 }

 return _buildErrorState(context);
},
),
);
}

```

```

Widget _buildTransactionDetail(
 BuildContext context,
 TransactionDetail transactionDetail,
) {
 final currencyFormat = NumberFormat.currency(
 locale: 'id_ID',
 symbol: 'Rp ',
 decimalDigits: 0,
);
 Color statusColor = Colors.green;
 if (transactionDetail.status.toUpperCase() == 'LUNAS') {
 statusColor = Colors.green;
 } else {
 statusColor = Colors.orange;
 }

 return SingleChildScrollView(
 padding: const EdgeInsets.all(16),
 child: Column(
 children: [
 // Status & Amount Summary
 Card(
 elevation: 2,
 shape: RoundedRectangleBorder(
 borderRadius: BorderRadius.circular(12),
),
 child: Padding(
 padding: const EdgeInsets.all(24),
 child: Column(
 children: [
 Text(
 'Pembayaran Berhasil',
 style: TextStyle(fontSize: 16, color: Colors.grey[600]),
),
 const SizedBox(height: 8),
 Text(
 currencyFormat.format(transactionDetail.jumlah),
 style: TextStyle(
 fontSize: 36,
 fontWeight: FontWeight.bold,
 color: statusColor,
),
),
],
),
),
),
],
),
);
}

```



```

const SizedBox(height: 8),
Container(
 padding: const EdgeInsets.symmetric(
 horizontal: 16,
 vertical: 6,
),
 decoration: BoxDecoration(
 color: statusColor.withOpacity(0.1),
 borderRadius: BorderRadius.circular(20),
),
 child: Text(
 transactionDetail.status,
 style: TextStyle(
 color: statusColor,
 fontWeight: FontWeight.bold,
 fontSize: 14,
),
),
),
),
],
),
),
const SizedBox(height: 16),

// Rincian Pembayaran
_buildDetailCard(
 context,
 title: 'Rincian Pembayaran',
 children: [
 _buildDetailRow('Jenis Pembayaran', transactionDetail.type),
 _buildDetailRow(
 'Tanggal Transaksi',
 transactionDetail.tanggalFull,
),
 _buildDetailRow('Metode Pembayaran', transactionDetail.method),
 _buildCopyableDetailRow(
 context,
 'Nomor Transaksi',
 transactionDetail.txId,
),
],
),
const SizedBox(height: 16),

// Rincian Tagihan
if (transactionDetail.paymentBreakdown.isNotEmpty) ...[
 _buildDetailCard(
 context,
 title: 'Rincian Tagihan',
 children: [
 ...transactionDetail.paymentBreakdown.entries.map(
 (entry) => _buildDetailRow(
 entry.key,
 currencyFormat.format(entry.value),
),
),
 const Divider(height: 24),
 _buildDetailRow(
 'Total Dibayar',
 currencyFormat.format(transactionDetail.jumlah),
 isTotal: true,
),
],
),
const SizedBox(height: 16),

```

```

],

// Informasi Mahasiswa
_buildDetailCard(
 context,
 title: 'Informasi Mahasiswa',
 children: [
 _buildDetailRow('Nama Mahasiswa', transactionDetail.studentName),
 _buildDetailRow('NIM', transactionDetail.studentNim),
 _buildDetailRow('Program Studi', transactionDetail.studentProdi),
],
),
const SizedBox(height: 24),
],
),
);
}

```

```

Widget _buildDetailCard(
 BuildContext context, {
 required String title,
 required List<Widget> children,
 }) {
 return Card(
 elevation: 2,
 shape: RoundedRectangleBorder(borderRadius: BorderRadius.circular(12)),
 child: Padding(
 padding: const EdgeInsets.all(20),
 child: Column(
 crossAxisAlignment: CrossAxisAlignment.start,
 children: [
 Text(
 title,
 style: Theme.of(context).textTheme.titleLarge?.copyWith(
 fontWeight: FontWeight.bold,
 color: Colors.grey[800],
),
),
 const SizedBox(height: 16),
 ...children,
],
),
),
);
}

```

```

Widget _buildDetailRow(String label, String value, {bool isTotal = false}) {
 return Padding(
 padding: const EdgeInsets.symmetric(vertical: 6),
 child: Row(
 crossAxisAlignment: CrossAxisAlignment.start,
 children: [
 Expanded(
 flex: 2,
 child: Text(
 label,
 style: TextStyle(
 color: Colors.grey[600],
 fontSize: 14,
 fontWeight: isTotal ? FontWeight.bold : FontWeight.normal,
),
),
),
 Expanded(
 flex: 3,
 child: Text(

```

```

 value,
 style: TextStyle(
 fontWeight: isTotal ? FontWeight.bold : FontWeight.w600,
 fontSize: isTotal ? 16 : 14,
 color: isTotal ? Colors.black : Colors.grey[700],
),
 textAlign: TextAlign.end,
),
),
],
),
);
}

```

```

Widget _buildCopyableDetailRow(
 BuildContext context,
 String label,
 String value,
) {
 return Padding(
 padding: const EdgeInsets.symmetric(vertical: 6),
 child: Row(
 crossAxisAlignment: CrossAxisAlignment.center,
 children: [
 Expanded(
 flex: 2,
 child: Text(
 label,
 style: TextStyle(color: Colors.grey[600], fontSize: 14),
),
),
 Expanded(
 flex: 3,
 child: Row(
 mainAxisAlignment: MainAxisAlignment.end,
 children: [
 Flexible(
 child: Text(
 value,
 style: TextStyle(
 fontWeight: FontWeight.w600,
 fontSize: 14,
 color: Colors.blue[600],
),
 textAlign: TextAlign.end,
),
),
 const SizedBox(width: 8),
 InkWell(
 onTap: () => _copyToClipboard(context, value),
 borderRadius: BorderRadius.circular(4),
 child: Padding(
 padding: const EdgeInsets.all(4),
 child: Icon(Icons.copy, size: 16, color: Colors.blue[600]),
),
),
],
),
),
],
),
);
}

```

```

Widget _buildErrorState(BuildContext context) {
 return Center(

```

```

child: Column(
 mainAxisAlignment: MainAxisAlignment.center,
 children: [
 Icon(Icons.error_outline, size: 64, color: Colors.grey[400]),
 const SizedBox(height: 16),
 Text(
 'Transaction not found',
 style: TextStyle(
 fontSize: 18,
 fontWeight: FontWeight.bold,
 color: Colors.grey[600],
),
),
 const SizedBox(height: 8),
 Text(
 'The transaction details could not be loaded',
 style: TextStyle(color: Colors.grey[500], fontSize: 14),
),
 const SizedBox(height: 24),
 ElevatedButton(
 onPressed: () {
 context.read<PaymentBloc>().add(
 LoadTransactionDetailEvent(transactionId: widget.transactionId),
);
 },
 child: const Text('Try Again'),
),
],
),
);
}

void _copyToClipboard(BuildContext context, String text) {
 Clipboard.setData(ClipboardData(text: text));
 _showToast(context, 'Nomor transaksi disalin!');
}

void _showToast(BuildContext context, String message) {
 ScaffoldMessenger.of(context).showSnackBar(
 SnackBar(
 content: Text(message),
 backgroundColor: Colors.grey[800],
 duration: const Duration(seconds: 2),
 behavior: SnackBarBehavior.floating,
 shape: RoundedRectangleBorder(borderRadius: BorderRadius.circular(8)),
),
);
}
}

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\payment\presentation\pages  
 \wismon\_page.dart

```

import 'package:flutter/material.dart';
import 'package:flutter_bloc/flutter_bloc.dart';
import 'package:wismon_keuangan/core/di/injection_container.dart' as di;
import 'package:wismon_keuangan/features/payment/domain/entities/payment.dart';
import 'package:wismon_keuangan/features/payment/presentation/bloc/payment_bloc.dart';
import 'package:wismon_keuangan/features/payment/presentation/bloc/payment_event.dart';
import 'package:wismon_keuangan/features/payment/presentation/bloc/payment_state.dart';

```

```

import 'package:wismon_keuangan/features/payment/presentation/pages/transaction_detail_page.dart';
import 'package:wismon_keuangan/features/payment/presentation/components/components.dart';

class WismonPage extends StatefulWidget {
 const WismonPage({super.key});

 @override
 State<WismonPage> createState() => _WismonPageState();
}

class _WismonPageState extends State<WismonPage> with RouteAware {
 List<PaymentHistoryItem>? _historyItems;
 List<PaymentHistoryItem> _filteredHistoryItems = [];
 PaymentSummary? _paymentSummary;

 // TODO: Fetch from API - These will be replaced by actual API data
 final List<Map<String, String>> _paymentTypes = [
 {'kode': 'all', 'nama': 'Semua Jenis Pembayaran'},
 {'kode': 'SPP', 'nama': 'SPP'},
 {'kode': 'SWP', 'nama': 'SWP'},
 {
 'kode': 'Pendaftaran Mahasiswa Baru',
 'nama': 'Pendaftaran Mahasiswa Baru',
 },
 {'kode': 'Praktek Rumah Sakit', 'nama': 'Praktek Rumah Sakit'},
 {'kode': 'Seragam', 'nama': 'Seragam'},
 {'kode': 'Wisuda', 'nama': 'Wisuda'},
 {'kode': 'KTI dan Wisuda', 'nama': 'KTI dan Wisuda'},
];
 String _selectedPaymentTypeCode = 'all';

 @override
 void initState() {
 super.initState();
 _loadPaymentData();
 }

 @override
 void didChangeDependencies() {
 super.didChangeDependencies();
 final ModalRoute? currentRoute = ModalRoute.of(context);
 if (currentRoute is PageRoute) {
 di.sl<RouteObserver<PageRoute>>().subscribe(this, currentRoute);
 }
 }

 @override
 void dispose() {
 di.sl<RouteObserver<PageRoute>>().unsubscribe(this);
 super.dispose();
 }

 @override
 void didPopNext() {
 context.read<PaymentBloc>().add(const RefreshPaymentDataEvent());
 context.read<PaymentBloc>().add(const LoadPaymentSummaryEvent());
 }

 void _loadPaymentData() {
 // Clear existing data
 if (mounted) {
 setState(() {
 _historyItems = null;
 _paymentSummary = null;
 });
 }
 }
}

```

```

context.read<PaymentBloc>().add(const LoadPaymentHistoryEvent());
context.read<PaymentBloc>().add(const LoadPaymentSummaryEvent());
}

void _filterHistoryItems() {
 if (_historyItems == null) {
 _filteredHistoryItems = [];
 return;
 }
 if (_selectedPaymentTypeCode == 'all') {
 _filteredHistoryItems = _historyItems!;
 } else {
 _filteredHistoryItems = _historyItems!
 .where((item) => item.type == _selectedPaymentTypeCode)
 .toList();
 }
}

@override
Widget build(BuildContext context) {
 return Scaffold(
 backgroundColor: const Color(0xFFFAFAFA),
 body: Column(
 children: [
 _buildHeader(context),
 Expanded(
 child: BlocListener<PaymentBloc, PaymentState>(
 listener: (context, state) {
 if (state is PaymentError) {
 if (mounted) {
 ScaffoldMessenger.of(context).showSnackBar(
 SnackBar(
 content: Text(state.message),
 backgroundColor: Colors.red,
),
);
 }
 } else if (state is PaymentHistoryLoaded) {
 if (mounted) {
 setState(() {
 _historyItems = state.historyItems;
 _filterHistoryItems();
 });
 }
 } else if (state is PaymentSummaryLoaded) {
 if (mounted) {
 setState(() {
 _paymentSummary = state.summary;
 });
 }
 }
 },
 child: BlocBuilder<PaymentBloc, PaymentState>(
 buildWhen: (previous, current) {
 // Only rebuild on specific state changes
 return current is PaymentLoading ||
 current is PaymentError ||
 (_historyItems != null && _paymentSummary != null);
 },
 builder: (context, state) {
 if (state is PaymentLoading && _historyItems == null) {
 return const Center(child: CircularProgressIndicator());
 }

 if (_historyItems != null) {
 return _buildPaymentContent(context);
 }
 },
),
),
),
],
),
);
}

```

```

 }

 return _buildEmptyState(context);
 },
),
),
),
],
),
);
}

Widget _buildHeader(BuildContext context) {
 return Container(
 width: double.infinity,
 decoration: const BoxDecoration(
 color: Color(0xFF135EA2),
 borderRadius: BorderRadius.only(
 bottomLeft: Radius.circular(16),
 bottomRight: Radius.circular(16),
),
),
 child: Column(
 children: [
 // Status bar height
 SizedBox(height: MediaQuery.of(context).padding.top),
 // Header content
 Padding(
 padding: const EdgeInsets.only(
 top: 12,
 left: 16,
 right: 16,
 bottom: 16,
),
 child: Row(
 mainAxisAlignment: MainAxisAlignment.spaceBetween,
 children: [
 // Back button
 Container(
 width: 40,
 height: 40,
 decoration: BoxDecoration(
 color: const Color(0xFFFFFAFA),
 borderRadius: BorderRadius.circular(8),
 boxShadow: const [
 BoxShadow(
 color: Color(0x0C000000),
 blurRadius: 10,
 offset: Offset(0, 4),
 spreadRadius: 0,
),
],
),
),
 child: IconButton(
 onPressed: () => Navigator.of(context).pop(),
 icon: const Icon(
 Icons.arrow_back,
 color: Color(0xFF135EA2),
 size: 20,
),
 padding: EdgeInsets.zero,
),
],
 // Title
 const Text(
 'Biaya Kuliah',

```

```

 textAlign: TextAlign.center,
 style: TextStyle(
 color: Color(0xFFFAFAFA),
 fontSize: 18,
 fontWeight: FontWeight.w800,
 letterSpacing: -0.18,
),
),
),
 // Right placeholder (to balance the layout)
 const SizedBox(width: 40, height: 40),
],
),
),
],
),
);
}

```

```

Widget _buildPaymentContent(BuildContext context) {
 return RefreshIndicator(
 onRefresh: () async {
 context.read<PaymentBloc>().add(const RefreshPaymentDataEvent());
 context.read<PaymentBloc>().add(const LoadPaymentSummaryEvent());
 },
 child: CustomScrollView(
 physics: const AlwaysScrollableScrollPhysics(),
 slivers: [
 SliverPadding(
 padding: const EdgeInsets.fromLTRB(16, 20, 16, 0),
 sliver: SliverToBoxAdapter(
 child: Column(
 crossAxisAlignment: CrossAxisAlignment.start,
 children: [
 _buildFilterSection(context),
 const SizedBox(height: 20),
 if (_paymentSummary != null) ...[
 _buildPaymentSummary(context, _paymentSummary!),
 const SizedBox(height: 20),
],
 Container(height: 1, color: const Color(0xFFE7E7E7)),
 const SizedBox(height: 16),
],
),
),
),
 if (_filteredHistoryItems.isNotEmpty)
 SliverPadding(
 padding: const EdgeInsets.symmetric(horizontal: 16),
 sliver: SliverList(
 delegate: SliverChildBuilderDelegate((context, index) {
 if (index >= _filteredHistoryItems.length) return null;
 return Padding(
 padding: EdgeInsets.only(
 bottom: index < _filteredHistoryItems.length - 1 ? 8 : 20,
),
 child: _buildTransactionCard(
 context,
 _filteredHistoryItems[index],
),
);
 }, childCount: _filteredHistoryItems.length),
),
),
 else
 SliverPadding(
 padding: const EdgeInsets.symmetric(horizontal: 16),

```



```

 sliver: SliverToBoxAdapter(child: _buildEmptyHistory(context)),
),
],
),
);
}

```

```

Widget _buildFilterSection(BuildContext context) {
 return Column(
 crossAxisAlignment: CrossAxisAlignment.start,
 children: [
 const Text(
 'Jenis Pembayaran',
 style: TextStyle(
 color: Color(0xFF1C1D1F),
 fontSize: 14,
 fontWeight: FontWeight.w500,
 letterSpacing: -0.14,
),
),
 const SizedBox(height: 8),
 DropdownButtonFormField<String>(
 value: _selectedPaymentTypeCode,
 onChanged: (String? newValue) {
 if (newValue != null && mounted) {
 setState(() {
 _selectedPaymentTypeCode = newValue;
 _filterHistoryItems();
 });
 }
 },
 items: _paymentTypes.map<DropdownMenuItem<String>>((
 Map<String, String> type,
)) {
 return DropdownMenuItem<String>(
 value: type['kode'],
 child: Text(
 type['nama']!,
 style: const TextStyle(
 color: Color(0xFF545556),
 fontSize: 14,
 fontWeight: FontWeight.w500,
 letterSpacing: -0.14,
),
),
);
 }).toList(),
 decoration: const InputDecoration(
 filled: true,
 fillColor: Color(0xFFFAFAFA),
 contentPadding: EdgeInsets.symmetric(horizontal: 12, vertical: 8),
 border: OutlineInputBorder(
 borderRadius: BorderRadius.all(Radius.circular(8)),
 borderSide: BorderSide(color: Color(0xFFE7E7E7), width: 1),
),
 enabledBorder: OutlineInputBorder(
 borderRadius: BorderRadius.all(Radius.circular(8)),
 borderSide: BorderSide(color: Color(0xFFE7E7E7), width: 1),
),
),
),
],
);
}

```

```

Widget _buildPaymentSummary(BuildContext context, PaymentSummary summary) {

```

```

// Map database payment types to user-friendly names
const paymentTypeMapping = {
 'SPP': 'SPP',
 'SWP': 'SWP',
 'Pendaftaran Mahasiswa Baru': 'Pendaftaran Mahasiswa Baru',
 'Praktek Rumah Sakit': 'Praktek Rumah Sakit',
 'Seragam': 'Seragam',
 'Wisuda': 'Wisuda',
 'KTI dan Wisuda': 'KTI dan Wisuda',
};

// Filter summary to only show what's in the mapping and has a value > 0
final filteredBreakdown = summary.breakdown.entries
 .where(
 (entry) =>
 paymentTypeMapping.containsKey(entry.key) && entry.value > 0,
)
 .toList();

if (filteredBreakdown.isEmpty) {
 return const SizedBox.shrink();
}

final List<Widget> cardRows = [];
for (int i = 0; i < filteredBreakdown.length; i += 2) {
 final item1 = filteredBreakdown[i];
 final card1 = Expanded(
 child: PaymentSummaryCard(
 title: paymentTypeMapping[item1.key]!,
 amount: item1.value,
),
);

 final rowChildren = <Widget>[card1];

 if (i + 1 < filteredBreakdown.length) {
 final item2 = filteredBreakdown[i + 1];
 final card2 = Expanded(
 child: PaymentSummaryCard(
 title: paymentTypeMapping[item2.key]!,
 amount: item2.value,
),
);
 rowChildren.addAll([const SizedBox(width: 12), card2]);
 }

 cardRows.add(Row(children: rowChildren));
 if (i + 2 < filteredBreakdown.length) {
 cardRows.add(const SizedBox(height: 12));
 }
}

return Column(mainAxisSize: MainAxisSize.min, children: cardRows);
}

Widget _buildTransactionCard(BuildContext context, PaymentHistoryItem item) {
 return TransactionCard(
 item: item,
 onTap: () {
 Navigator.of(context).push(
 MaterialPageRoute(
 builder: (_) => TransactionDetailPage(transactionId: item.id),
),
);
 },
);
}

```

```

}

Widget _buildEmptyHistory(BuildContext context) {
 return Container(
 width: double.infinity,
 padding: const EdgeInsets.all(40),
 decoration: BoxDecoration(
 color: const Color(0xFFFAFAFA),
 borderRadius: BorderRadius.circular(8),
 boxShadow: const [
 BoxShadow(
 color: Color(0x0C000000),
 blurRadius: 10,
 offset: Offset(0, 4),
 spreadRadius: 0,
),
],
),
 child: Column(
 children: [
 Icon(Icons.receipt_long_outlined, size: 64, color: Colors.grey[400]),
 const SizedBox(height: 16),
 Text(
 'No Payment History',
 style: TextStyle(
 fontSize: 18,
 fontWeight: FontWeight.bold,
 color: Colors.grey[600],
),
),
 const SizedBox(height: 8),
 Text(
 'You don\'t have any payment records yet',
 style: TextStyle(color: Colors.grey[500], fontSize: 14),
 textAlign: TextAlign.center,
),
],
),
);
}

```

```

Widget _buildEmptyState(BuildContext context) {
 return Center(
 child: Column(
 mainAxisAlignment: MainAxisAlignment.center,
 children: [
 Icon(Icons.error_outline, size: 64, color: Colors.grey[400]),
 const SizedBox(height: 16),
 Text(
 'Unable to load payment data',
 style: TextStyle(
 fontSize: 18,
 fontWeight: FontWeight.bold,
 color: Colors.grey[600],
),
),
 const SizedBox(height: 8),
 Text(
 'Please try again later',
 style: TextStyle(color: Colors.grey[500], fontSize: 14),
),
 const SizedBox(height: 24),
 ElevatedButton(
 onPressed: () => _loadPaymentData(),
 child: const Text('Try Again'),
),
],
),
);
}

```

```

],
),
);
}
}

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\lib\features\profile\presentation\pages

### \profile\_page.dart

```

import 'package:flutter/material.dart';
import 'package:flutter_bloc/flutter_bloc.dart';
import 'package:wismon_keuangan/features/auth/presentation/bloc/auth_bloc.dart';
import 'package:wismon_keuangan/features/auth/presentation/bloc/auth_state.dart';
import 'package:wismon_keuangan/features/auth/presentation/bloc/auth_event.dart';
import 'package:flutter_svg/flutter_svg.dart';

```

```

class ProfilePage extends StatelessWidget {
 const ProfilePage({super.key});

 @override
 Widget build(BuildContext context) {
 return Scaffold(
 backgroundColor: Colors.transparent,
 body: Stack(
 children: [
 // Correctly positioned logo background
 Positioned(
 left: 120,
 bottom: 1,
 child: RepaintBoundary(
 child: Opacity(
 opacity: 1,
 child: Transform.scale(
 scale: 3,
 child: SvgPicture.asset(
 'assets/LogoWHNProfil.svg',
 width: 300,
 height: 185,
 fit: BoxFit.contain,
),
),
),
),
),
 SafeArea(
 child: Column(
 children: [
 _buildHeader(context),
 Expanded(
 child: BlocBuilder<AuthBloc, AuthState>(
 buildWhen: (previous, current) {
 // Only rebuild when auth state changes
 return previous.runtimeType != current.runtimeType;
 },
 builder: (context, state) {
 if (state is AuthAuthenticated) {
 return _buildProfileContent(context, state.user);
 }
 if (state is AuthError) {
 return _buildErrorState(context, state.message);
 }
 },
),
),
],
),
),
],
),
);
 }
}

```

```

 }
 return const Center(
 child: CircularProgressIndicator(
 valueColor: AlwaysStoppedAnimation<Color>(
 Color(0xFF135EA2),
),
),
);
 },
),
],
),
],
),
);
}

Widget _buildHeader(BuildContext context) {
 return RepaintBoundary(
 child: Container(
 padding: const EdgeInsets.symmetric(horizontal: 16, vertical: 12),
 child: Row(
 mainAxisAlignment: MainAxisAlignment.spaceBetween,
 children: [
 const Text(
 'Profil',
 style: TextStyle(
 fontSize: 24,
 fontWeight: FontWeight.w800,
 color: Color(0xFF121212),
 letterSpacing: -0.24,
),
),
 Container(
 width: 40,
 height: 40,
 decoration: BoxDecoration(
 color: Colors.white,
 borderRadius: BorderRadius.circular(8),
 boxShadow: const [
 BoxShadow(
 color: Color(0x0D000000),
 blurRadius: 10,
 offset: Offset(0, 4),
),
],
),
 child: IconButton(
 onPressed: () {
 _showSettingsBottomSheet(context);
 },
 icon: const Icon(
 Icons.settings,
 color: Color(0xFF121212),
 size: 20,
),
 padding: EdgeInsets.zero,
),
),
],
),
),
);
}

```

```

void _showSettingsBottomSheet(BuildContext context) {
 showModalBottomSheet(
 context: context,
 shape: const RoundedRectangleBorder(
 borderRadius: BorderRadius.vertical(top: Radius.circular(20)),
),
 builder: (BuildContext sheetContext) {
 return Container(
 padding: const EdgeInsets.all(20),
 child: Column(
 mainAxisAlignment: MainAxisAlignment.min,
 children: [
 const Text(
 'Pengaturan Profil',
 style: TextStyle(fontSize: 18, fontWeight: FontWeight.bold),
),
 const SizedBox(height: 20),
 const Text(
 'Kelola profil dan pengaturan akun Anda di sini.',
 textAlign: TextAlign.center,
 style: TextStyle(fontSize: 14, color: Colors.grey),
),
 const SizedBox(height: 20),
 ElevatedButton(
 onPressed: () {
 Navigator.pop(sheetContext);
 // TODO: Implement profile edit functionality
 ScaffoldMessenger.of(context).showSnackBar(
 const SnackBar(
 content: Text('Fitur edit profil akan segera tersedia'),
),
);
 },
 style: ElevatedButton.styleFrom(
 backgroundColor: const Color(0xFF207BB5),
 padding: const EdgeInsets.symmetric(vertical: 12),
 shape: RoundedRectangleBorder(
 borderRadius: BorderRadius.circular(8),
),
 minimumSize: const Size(double.infinity, 50),
),
 child: const Text(
 'Edit Profil',
 style: TextStyle(color: Colors.white, fontSize: 16),
),
),
 const SizedBox(height: 10),
 TextButton(
 onPressed: () => Navigator.pop(sheetContext),
 child: const Text(
 'Tutup',
 style: TextStyle(color: Colors.grey),
),
),
],
),
);
 },
);
}

```

```

Widget _buildErrorState(BuildContext context, String message) {
 return RepaintBoundary(
 child: Center(
 child: Padding(

```

```

padding: const EdgeInsets.all(16),
child: Column(
 mainAxisAlignment: MainAxisAlignment.center,
 children: [
 Icon(Icons.error_outline, size: 64, color: Colors.grey[400]),
 const SizedBox(height: 16),
 Text(
 'Gagal memuat profil',
 style: TextStyle(
 fontSize: 18,
 fontWeight: FontWeight.w600,
 color: Colors.grey[700],
),
),
 const SizedBox(height: 8),
 Text(
 message,
 textAlign: TextAlign.center,
 style: TextStyle(fontSize: 14, color: Colors.grey[600]),
),
 const SizedBox(height: 24),
 ElevatedButton(
 onPressed: () {
 // Retry loading profile
 context.read<AuthBloc>().add(const CheckAuthStatusEvent());
 },
 style: ElevatedButton.styleFrom(
 backgroundColor: const Color(0xFF207BB5),
 padding: const EdgeInsets.symmetric(
 horizontal: 24,
 vertical: 12,
),
 shape: RoundedRectangleBorder(
 borderRadius: BorderRadius.circular(8),
),
),
 child: const Text(
 'Coba Lagi',
 style: TextStyle(color: Colors.white, fontSize: 16),
),
),
],
),
),
),
),
);
}

```

```

Widget _buildProfileContent(BuildContext context, dynamic user) {
 // Add null safety checks
 if (user == null) {
 return _buildErrorState(context, 'Data profil tidak tersedia');
 }

 return RepaintBoundary(
 child: SingleChildScrollView(
 padding: const EdgeInsets.symmetric(horizontal: 16, vertical: 8),
 physics: const AlwaysScrollableScrollPhysics(),
 child: Column(
 children: [
 _buildProfileCard(context, user),
 const SizedBox(height: 20),
 _buildInfoGrid(user),
],
),
),
),
);

```

```

);
}

Widget _buildProfileCard(BuildContext context, dynamic user) {
 // Safe access to user properties with fallbacks
 final userName = _safeGetString(user.namam) ?? 'Nama tidak tersedia';
 final birthPlace = _safeGetString(user.tplahir) ?? '';
 final registrationDate = _safeGetString(user.tgdaftar) ?? '';

 String locationInfo = '';
 if (birthPlace.isNotEmpty && registrationDate.isNotEmpty) {
 locationInfo = '$birthPlace & Terdaftar $registrationDate';
 } else if (birthPlace.isNotEmpty) {
 locationInfo = 'Tempat Lahir: $birthPlace';
 } else if (registrationDate.isNotEmpty) {
 locationInfo = 'Terdaftar: $registrationDate';
 } else {
 locationInfo = 'Informasi tidak tersedia';
 }

 return Container(
 padding: const EdgeInsets.all(8),
 decoration: BoxDecoration(
 color: Colors.white,
 borderRadius: BorderRadius.circular(8),
 border: Border.all(color: const Color(0xFFE7E7E7)),
 boxShadow: const [
 BoxShadow(
 color: Color(0x05000000),
 blurRadius: 8,
 offset: Offset(0, 2),
),
],
),
 child: Row(
 children: [
 Container(
 width: 40,
 height: 40,
 decoration: BoxDecoration(
 color: const Color(0xFF207BB5),
 borderRadius: BorderRadius.circular(4),
),
 child: const Icon(Icons.person, color: Colors.white, size: 32),
),
 const SizedBox(width: 8),
 Expanded(
 child: Column(
 crossAxisAlignment: CrossAxisAlignment.start,
 children: [
 Text(
 userName,
 style: const TextStyle(
 fontSize: 14,
 fontWeight: FontWeight.w500,
 color: Color(0xFF121212),
),
 maxLines: 2,
 overflow: TextOverflow.ellipsis,
),
 const SizedBox(height: 2),
 Text(
 locationInfo,
 style: const TextStyle(
 fontSize: 12,
 fontWeight: FontWeight.w400,

```



```

 color: Color(0xFF545556),
),
 maxLines: 1,
 overflow: TextOverflow.ellipsis,
),
],
),
],
),
);
}

```

```

Widget _buildInfoGrid(dynamic user) {
 return Column(
 children: [
 Row(
 children: [
 Expanded(
 child: _buildInfoBox('NRM', _safeGetString(user.nrm) ?? '-'),
),
],
),
 const SizedBox(height: 8),
 _buildInfoBox('NIM', _safeGetString(user.nim) ?? 'Belum tersedia'),
 const SizedBox(height: 8),
 _buildInfoBox('Email', _safeGetString(user.email) ?? 'Belum diatur'),
 const SizedBox(height: 8),
 _buildInfoBox(
 'No. Telepon',
 _safeGetString(user.phone) ?? 'Belum diatur',
),
 const SizedBox(height: 8),
 _buildInfoBox(
 'Tempat Lahir',
 _safeGetString(user.tplahir) ?? 'Belum diatur',
),
 const SizedBox(height: 8),
 _buildInfoBox(
 'Tanggal Daftar',
 _safeGetString(user.tgdaftar) ?? 'Belum tersedia',
),
],
);
}

```

```

Widget _buildInfoBox(String title, String value) {
 return Container(
 padding: const EdgeInsets.all(8),
 decoration: BoxDecoration(
 color: const Color(0xFFFFBFBF),
 borderRadius: BorderRadius.circular(8),
 border: Border.all(color: const Color(0xFFE7E7E7)),
),
 child: Column(
 crossAxisAlignment: CrossAxisAlignment.start,
 children: [
 Text(
 title,
 style: const TextStyle(
 fontSize: 12,
 fontWeight: FontWeight.w500,
 color: Color(0xFF1C1D1F),
),
),
 const Divider(height: 8, color: Color(0xFFE7E7E7)),
],
),
);
}

```

```

 Text(
 value,
 style: const TextStyle(
 fontSize: 18,
 fontWeight: FontWeight.w500,
 color: Color(0xFF1C1D1F),
),
 maxLines: 2,
 overflow: TextOverflow.ellipsis,
),
],
),
);
}

// Helper method to safely get string values
String? _safeGetString(dynamic value) {
 if (value == null) return null;
 if (value is String) return value.isEmpty ? null : value;
 return value.toString().isEmpty ? null : value.toString();
}
}

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\linux\.gitignore**

```
flutter/ephemeral
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\linux\CMakeLists.txt**

```

Project-level configuration.
cmake_minimum_required(VERSION 3.13)
project(runner LANGUAGES CXX)

The name of the executable created for the application. Change this to change
the on-disk name of your application.
set(BINARY_NAME "wismon_keuangan")
The unique GTK application identifier for this application. See:
https://wiki.gnome.org/HowDoI/ChooseApplicationID
set(APPLICATION_ID "com.example.wismon_keuangan")

Explicitly opt in to modern CMake behaviors to avoid warnings with recent
versions of CMake.
cmake_policy(SET CMP0063 NEW)

Load bundled libraries from the lib/ directory relative to the binary.
set(CMAKE_INSTALL_RPATH "$ORIGIN/lib")

Root filesystem for cross-building.
if(FLUTTER_TARGET_PLATFORM_SYSROOT)
 set(CMAKE_SYSROOT ${FLUTTER_TARGET_PLATFORM_SYSROOT})
 set(CMAKE_FIND_ROOT_PATH ${CMAKE_SYSROOT})
 set(CMAKE_FIND_ROOT_PATH_MODE_PROGRAM NEVER)
 set(CMAKE_FIND_ROOT_PATH_MODE_PACKAGE ONLY)
 set(CMAKE_FIND_ROOT_PATH_MODE_LIBRARY ONLY)
 set(CMAKE_FIND_ROOT_PATH_MODE_INCLUDE ONLY)
endif()

Define build configuration options.
if(NOT CMAKE_BUILD_TYPE AND NOT CMAKE_CONFIGURATION_TYPES)
 set(CMAKE_BUILD_TYPE "Debug" CACHE
 STRING "Flutter build mode" FORCE)
 set_property(CACHE CMAKE_BUILD_TYPE PROPERTY STRINGS
 "Debug" "Profile" "Release")

```

```

endif()

Compilation settings that should be applied to most targets.
#
Be cautious about adding new options here, as plugins use this function by
default. In most cases, you should add new options to specific targets instead
of modifying this function.
function(APPLY_STANDARD_SETTINGS TARGET)
 target_compile_features(${TARGET} PUBLIC cxx_std_14)
 target_compile_options(${TARGET} PRIVATE -Wall -Werror)
 target_compile_options(${TARGET} PRIVATE "$<$<NOT:$<CONFIG:Debug>>:-O3>")
 target_compile_definitions(${TARGET} PRIVATE "$<$<NOT:$<CONFIG:Debug>>:NDEBUG>")
endfunction()

Flutter library and tool build rules.
set(FLUTTER_MANAGED_DIR "${CMAKE_CURRENT_SOURCE_DIR}/flutter")
add_subdirectory(${FLUTTER_MANAGED_DIR})

System-level dependencies.
find_package(PkgConfig REQUIRED)
pkg_check_modules(GTK REQUIRED IMPORTED_TARGET gtk+-3.0)

Application build; see runner/CMakeLists.txt.
add_subdirectory("runner")

Run the Flutter tool portions of the build. This must not be removed.
add_dependencies(${BINARY_NAME} flutter_assemble)

Only the install-generated bundle's copy of the executable will launch
correctly, since the resources must in the right relative locations. To avoid
people trying to run the unbundled copy, put it in a subdirectory instead of
the default top-level location.
set_target_properties(${BINARY_NAME}
 PROPERTIES
 RUNTIME_OUTPUT_DIRECTORY "${CMAKE_BINARY_DIR}/intermediates_do_not_run"
)

Generated plugin build rules, which manage building the plugins and adding
them to the application.
include(flutter/generated_plugins.cmake)

=== Installation ===
By default, "installing" just makes a relocatable bundle in the build
directory.
set(BUILD_BUNDLE_DIR "${PROJECT_BINARY_DIR}/bundle")
if(CMAKE_INSTALL_PREFIX_INITIALIZED_TO_DEFAULT)
 set(CMAKE_INSTALL_PREFIX "${BUILD_BUNDLE_DIR}" CACHE PATH "..." FORCE)
endif()

Start with a clean build bundle directory every time.
install(CODE "
 file(REMOVE_RECURSE \"${BUILD_BUNDLE_DIR}/\")
 " COMPONENT Runtime)

set(INSTALL_BUNDLE_DATA_DIR "${CMAKE_INSTALL_PREFIX}/data")
set(INSTALL_BUNDLE_LIB_DIR "${CMAKE_INSTALL_PREFIX}/lib")

install(TARGETS ${BINARY_NAME} RUNTIME DESTINATION "${CMAKE_INSTALL_PREFIX}"
 COMPONENT Runtime)

install(FILES "${FLUTTER_ICU_DATA_FILE}" DESTINATION "${INSTALL_BUNDLE_DATA_DIR}"
 COMPONENT Runtime)

install(FILES "${FLUTTER_LIBRARY}" DESTINATION "${INSTALL_BUNDLE_LIB_DIR}"

```

```

COMPONENT Runtime)

foreach(bundled_library ${PLUGIN_BUNDLED_LIBRARIES})
 install(FILES "${bundled_library}"
 DESTINATION "${INSTALL_BUNDLE_LIB_DIR}"
 COMPONENT Runtime)
endforeach(bundled_library)

Copy the native assets provided by the build.dart from all packages.
set(NATIVE_ASSETS_DIR "${PROJECT_BUILD_DIR}native_assets/linux/")
install(DIRECTORY "${NATIVE_ASSETS_DIR}"
 DESTINATION "${INSTALL_BUNDLE_LIB_DIR}"
 COMPONENT Runtime)

Fully re-copy the assets directory on each build to avoid having stale files
from a previous install.
set(FLUTTER_ASSET_DIR_NAME "flutter_assets")
install(CODE "
 file(REMOVE_RECURSE \"${INSTALL_BUNDLE_DATA_DIR}/${FLUTTER_ASSET_DIR_NAME}\")
 " COMPONENT Runtime)
install(DIRECTORY "${PROJECT_BUILD_DIR}/${FLUTTER_ASSET_DIR_NAME}"
 DESTINATION "${INSTALL_BUNDLE_DATA_DIR}" COMPONENT Runtime)

Install the AOT library on non-Debug builds only.
if(NOT CMAKE_BUILD_TYPE MATCHES "Debug")
 install(FILES "${AOT_LIBRARY}" DESTINATION "${INSTALL_BUNDLE_LIB_DIR}"
 COMPONENT Runtime)
endif()

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\linux\flutter\CMakeLists.txt**

```

This file controls Flutter-level build steps. It should not be edited.
cmake_minimum_required(VERSION 3.10)

set(EPHEMERAL_DIR "${CMAKE_CURRENT_SOURCE_DIR}/ephemeral")

Configuration provided via flutter tool.
include(${EPHEMERAL_DIR}/generated_config.cmake)

TODO: Move the rest of this into files in ephemeral. See
https://github.com/flutter/flutter/issues/57146.

Serves the same purpose as list(TRANSFORM ... PREPEND ...),
which isn't available in 3.10.
function(list_prepend LIST_NAME PREFIX)
 set(NEW_LIST "")
 foreach(element ${${LIST_NAME}})
 list(APPEND NEW_LIST "${PREFIX}${element}")
 endforeach(element)
 set(${LIST_NAME} "${NEW_LIST}" PARENT_SCOPE)
endfunction()

=== Flutter Library ===
System-level dependencies.
find_package(PkgConfig REQUIRED)
pkg_check_modules(GTK REQUIRED IMPORTED_TARGET gtk+-3.0)
pkg_check_modules(GLIB REQUIRED IMPORTED_TARGET glib-2.0)
pkg_check_modules(GIO REQUIRED IMPORTED_TARGET gio-2.0)

set(FLUTTER_LIBRARY "${EPHEMERAL_DIR}/libflutter_linux_gtk.so")

Published to parent scope for install step.
set(FLUTTER_LIBRARY ${FLUTTER_LIBRARY} PARENT_SCOPE)
set(FLUTTER_ICU_DATA_FILE "${EPHEMERAL_DIR}/icudtl.dat" PARENT_SCOPE)

```

```

set(PROJECT_BUILD_DIR "${PROJECT_DIR}/build/" PARENT_SCOPE)
set(AOT_LIBRARY "${PROJECT_DIR}/build/lib/libapp.so" PARENT_SCOPE)

list(APPEND FLUTTER_LIBRARY_HEADERS
 "fl_basic_message_channel.h"
 "fl_binary_codec.h"
 "fl_binary_messenger.h"
 "fl_dart_project.h"
 "fl_engine.h"
 "fl_json_message_codec.h"
 "fl_json_method_codec.h"
 "fl_message_codec.h"
 "fl_method_call.h"
 "fl_method_channel.h"
 "fl_method_codec.h"
 "fl_method_response.h"
 "fl_plugin_registrar.h"
 "fl_plugin_registry.h"
 "fl_standard_message_codec.h"
 "fl_standard_method_codec.h"
 "fl_string_codec.h"
 "fl_value.h"
 "fl_view.h"
 "flutter_linux.h"
)
list_prepend(FLUTTER_LIBRARY_HEADERS "${EPHEMERAL_DIR}/flutter_linux/")
add_library(flutter INTERFACE)
target_include_directories(flutter INTERFACE
 "${EPHEMERAL_DIR}"
)
target_link_libraries(flutter INTERFACE "${FLUTTER_LIBRARY}")
target_link_libraries(flutter INTERFACE
 PkgConfig::GTK
 PkgConfig::GLIB
 PkgConfig::GIO
)
add_dependencies(flutter flutter_assemble)

=== Flutter tool backend ===
phony is a non-existent file to force this command to run every time,
since currently there's no way to get a full input/output list from the
flutter tool.
add_custom_command(
 OUTPUT ${FLUTTER_LIBRARY} ${FLUTTER_LIBRARY_HEADERS}
 ${CMAKE_CURRENT_BINARY_DIR}/_phony_
 COMMAND ${CMAKE_COMMAND} -E env
 ${FLUTTER_TOOL_ENVIRONMENT}
 "${FLUTTER_ROOT}/packages/flutter_tools/bin/tool_backend.sh"
 ${FLUTTER_TARGET_PLATFORM} ${CMAKE_BUILD_TYPE}
 VERBATIM
)
add_custom_target(flutter_assemble DEPENDS
 "${FLUTTER_LIBRARY}"
 ${FLUTTER_LIBRARY_HEADERS}
)

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\linux\flutter\generated\_plugins.cmake

```

#
Generated file, do not edit.
#

```

```

list(APPEND FLUTTER_PLUGIN_LIST
)

list(APPEND FLUTTER_FFI_PLUGIN_LIST
)

set(PLUGIN_BUNDLED_LIBRARIES)

foreach(plugin ${FLUTTER_PLUGIN_LIST})
 add_subdirectory(flutter/ephemeral/.plugin_symlinks/${plugin}/linux plugins/${plugin})
 target_link_libraries(${BINARY_NAME} PRIVATE ${plugin}_plugin)
 list(APPEND PLUGIN_BUNDLED_LIBRARIES $<TARGET_FILE:${plugin}_plugin>)
 list(APPEND PLUGIN_BUNDLED_LIBRARIES ${${plugin}_bundled_libraries})
endforeach(plugin)

foreach(ffi_plugin ${FLUTTER_FFI_PLUGIN_LIST})
 add_subdirectory(flutter/ephemeral/.plugin_symlinks/${ffi_plugin}/linux plugins/${ffi_plugin})
 list(APPEND PLUGIN_BUNDLED_LIBRARIES ${${ffi_plugin}_bundled_libraries})
endforeach(ffi_plugin)

```

# File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\linux\flutter\generated\_plugin\_registra

## nt.cc

```

//
// Generated file. Do not edit.
//

// clang-format off

#include "generated_plugin_registrant.h"

void fl_register_plugins(FlPluginRegistry* registry) {
}

```

# File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\linux\flutter\generated\_plugin\_registra

## nt.h

```

//
// Generated file. Do not edit.
//

// clang-format off

#ifndef GENERATED_PLUGIN_REGISTRANT_
#define GENERATED_PLUGIN_REGISTRANT_

#include <flutter_linux/flutter_linux.h>

// Registers Flutter plugins.
void fl_register_plugins(FlPluginRegistry* registry);

#endif // GENERATED_PLUGIN_REGISTRANT_

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\linux\runner\CMakeLists.txt**

```
cmake_minimum_required(VERSION 3.13)
project(runner LANGUAGES CXX)

Define the application target. To change its name, change BINARY_NAME in the
top-level CMakeLists.txt, not the value here, or `flutter run` will no longer
work.
#
Any new source files that you add to the application should be added here.
add_executable(${BINARY_NAME}
 "main.cc"
 "my_application.cc"
 "${FLUTTER_MANAGED_DIR}/generated_plugin_registrant.cc"
)

Apply the standard set of build settings. This can be removed for applications
that need different build settings.
apply_standard_settings(${BINARY_NAME})

Add preprocessor definitions for the application ID.
add_definitions(-DAPPLICATION_ID="${APPLICATION_ID}")

Add dependency libraries. Add any application-specific dependencies here.
target_link_libraries(${BINARY_NAME} PRIVATE flutter)
target_link_libraries(${BINARY_NAME} PRIVATE PkgConfig::GTK)

target_include_directories(${BINARY_NAME} PRIVATE "${CMAKE_SOURCE_DIR}")
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\linux\runner\main.cc**

```
#include "my_application.h"

int main(int argc, char** argv) {
 g_autoptr(MyApplication) app = my_application_new();
 return g_application_run(G_APPLICATION(app), argc, argv);
}
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\linux\runner\my\_application.cc**

```
#include "my_application.h"

#include <flutter_linux/flutter_linux.h>
#ifdef GDK_WINDOWING_X11
#include <gdk/gdkx.h>
#endif

#include "flutter/generated_plugin_registrant.h"

struct _MyApplication {
 GtkApplication parent_instance;
 char** dart_entrypoint_arguments;
};

G_DEFINE_TYPE(MyApplication, my_application, GTK_TYPE_APPLICATION)

// Implements GApplication::activate.
static void my_application_activate(GApplication* application) {
 MyApplication* self = MY_APPLICATION(application);
 GtkWindow* window =
 GTK_WINDOW(gtk_application_window_new(GTK_APPLICATION(application)));
```

```

// Use a header bar when running in GNOME as this is the common style used
// by applications and is the setup most users will be using (e.g. Ubuntu
// desktop).
// If running on X and not using GNOME then just use a traditional title bar
// in case the window manager does more exotic layout, e.g. tiling.
// If running on Wayland assume the header bar will work (may need changing
// if future cases occur).
gboolean use_header_bar = TRUE;
#ifdef GDK_WINDOWING_X11
GdkScreen* screen = gtk_window_get_screen(window);
if (GDK_IS_X11_SCREEN(screen)) {
 const gchar* wm_name = gdk_x11_screen_get_window_manager_name(screen);
 if (g_strcmp0(wm_name, "GNOME Shell") != 0) {
 use_header_bar = FALSE;
 }
}
#endif
if (use_header_bar) {
 GtkHeaderBar* header_bar = GTK_HEADER_BAR(gtk_header_bar_new());
 gtk_widget_show(GTK_WIDGET(header_bar));
 gtk_header_bar_set_title(header_bar, "wismon_keuangan");
 gtk_header_bar_set_show_close_button(header_bar, TRUE);
 gtk_window_set_titlebar(window, GTK_WIDGET(header_bar));
} else {
 gtk_window_set_title(window, "wismon_keuangan");
}

gtk_window_set_default_size(window, 1280, 720);
gtk_widget_show(GTK_WIDGET(window));

g_autoptr(FlDartProject) project = fl_dart_project_new();
fl_dart_project_set_dart_entrypoint_arguments(project, self->dart_entrypoint_arguments);

FlView* view = fl_view_new(project);
gtk_widget_show(GTK_WIDGET(view));
gtk_container_add(GTK_CONTAINER(window), GTK_WIDGET(view));

fl_register_plugins(FL_PLUGIN_REGISTRY(view));

gtk_widget_grab_focus(GTK_WIDGET(view));
}

// Implements GApplication::local_command_line.
static gboolean my_application_local_command_line(GApplication* application, gchar*** arguments, int*
exit_status) {
 MyApplication* self = MY_APPLICATION(application);
 // Strip out the first argument as it is the binary name.
 self->dart_entrypoint_arguments = g_strdupv(*arguments + 1);

 g_autoptr(GError) error = nullptr;
 if (!g_application_register(application, nullptr, &error)) {
 g_warning("Failed to register: %s", error->message);
 *exit_status = 1;
 return TRUE;
 }

 g_application_activate(application);
 *exit_status = 0;

 return TRUE;
}

// Implements GApplication::startup.
static void my_application_startup(GApplication* application) {
 //MyApplication* self = MY_APPLICATION(object);

```



```

// Perform any actions required at application startup.

G_APPLICATION_CLASS(my_application_parent_class)->startup(application);
}

// Implements GApplication::shutdown.
static void my_application_shutdown(GApplication* application) {
 //MyApplication* self = MY_APPLICATION(object);

 // Perform any actions required at application shutdown.

 G_APPLICATION_CLASS(my_application_parent_class)->shutdown(application);
}

// Implements GObject::dispose.
static void my_application_dispose(GObject* object) {
 MyApplication* self = MY_APPLICATION(object);
 g_clear_pointer(&self->dart_entrypoint_arguments, g_strfreev);
 G_OBJECT_CLASS(my_application_parent_class)->dispose(object);
}

static void my_application_class_init(MyApplicationClass* klass) {
 G_APPLICATION_CLASS(klass)->activate = my_application_activate;
 G_APPLICATION_CLASS(klass)->local_command_line = my_application_local_command_line;
 G_APPLICATION_CLASS(klass)->startup = my_application_startup;
 G_APPLICATION_CLASS(klass)->shutdown = my_application_shutdown;
 G_OBJECT_CLASS(klass)->dispose = my_application_dispose;
}

static void my_application_init(MyApplication* self) {}

MyApplication* my_application_new() {
 // Set the program name to the application ID, which helps various systems
 // like GTK and desktop environments map this running application to its
 // corresponding .desktop file. This ensures better integration by allowing
 // the application to be recognized beyond its binary name.
 g_set_prgname(APPLICATION_ID);

 return MY_APPLICATION(g_object_new(my_application_get_type(),
 "application-id", APPLICATION_ID,
 "flags", G_APPLICATION_NON_UNIQUE,
 nullptr));
}

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\linux\runner\my\_application.h**

```

#ifndef FLUTTER_MY_APPLICATION_H_
#define FLUTTER_MY_APPLICATION_H_

#include <gtk/gtk.h>

G_DECLARE_FINAL_TYPE(MyApplication, my_application, MY, APPLICATION,
 GtkApplication)

/**
 * my_application_new:
 *
 * Creates a new Flutter-based application.
 *
 * Returns: a new #MyApplication.
 */
MyApplication* my_application_new();

#endif // FLUTTER_MY_APPLICATION_H_

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\.gitignore**

```
Flutter-related
**/Flutter/ephemeral/
**/Pods/

Xcode-related
**/dgph
**/xcuserdata/
```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Flutter\Flutter-Debug.xcconfig**

```
#include "ephemeral/Flutter-Generated.xcconfig"
```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Flutter\Flutter-Release.xcconfig**

```
#include "ephemeral/Flutter-Generated.xcconfig"
```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Flutter\GeneratedPluginRegistrant**

**.swift**

```
//
// Generated file. Do not edit.
//

import FlutterMacOS
import Foundation

import path_provider_foundation
import shared_preferences_foundation

func RegisterGeneratedPlugins(registry: FlutterPluginRegistry) {
 PathProviderPlugin.register(with: registry.registrar(forPlugin: "PathProviderPlugin"))
 SharedPreferencesPlugin.register(with: registry.registrar(forPlugin: "SharedPreferencesPlugin"))
}
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Runner\AppDelegate.swift**

```
import Cocoa
import FlutterMacOS

@main
class AppDelegate: FlutterAppDelegate {
 override func applicationShouldTerminateAfterLastWindowClosed(_ sender: NSApplication) -> Bool {
 return true
 }
}
```

```

 override func applicationSupportsSecureRestorableState(_ app: NSApplication) -> Bool {
 return true
 }
}

```

## File:

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Runner\DebugProfile.entitlements**

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
 <key>com.apple.security.app-sandbox</key>
 <true/>
 <key>com.apple.security.cs.allow-jit</key>
 <true/>
 <key>com.apple.security.network.server</key>
 <true/>
</dict>
</plist>

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Runner\Info.plist**

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
 <key>CFBundleDevelopmentRegion</key>
 <string>$(DEVELOPMENT_LANGUAGE)</string>
 <key>CFBundleExecutable</key>
 <string>$(EXECUTABLE_NAME)</string>
 <key>CFBundleIconFile</key>
 <string></string>
 <key>CFBundleIdentifier</key>
 <string>$(PRODUCT_BUNDLE_IDENTIFIER)</string>
 <key>CFBundleInfoDictionaryVersion</key>
 <string>6.0</string>
 <key>CFBundleName</key>
 <string>$(PRODUCT_NAME)</string>
 <key>CFBundlePackageType</key>
 <string>APPL</string>
 <key>CFBundleShortVersionString</key>
 <string>$(FLUTTER_BUILD_NAME)</string>
 <key>CFBundleVersion</key>
 <string>$(FLUTTER_BUILD_NUMBER)</string>
 <key>LSMinimumSystemVersion</key>
 <string>$(MACOSX_DEPLOYMENT_TARGET)</string>
 <key>NSHumanReadableCopyright</key>
 <string>$(PRODUCT_COPYRIGHT)</string>
 <key>NSMainNibFile</key>
 <string>MainMenu</string>
 <key>NSPrincipalClass</key>
 <string>NSApplication</string>
</dict>
</plist>

```

## File:

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Runner\MainFlutterWindow.swift**

```
import Cocoa
import FlutterMacOS

class MainFlutterWindow: NSWindow {
 override func awakeFromNib() {
 let flutterViewController = FlutterViewController()
 let windowFrame = self.frame
 self.contentViewController = flutterViewController
 self.setFrame(windowFrame, display: true)

 RegisterGeneratedPlugins(registry: flutterViewController)

 super.awakeFromNib()
 }
}
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Runner\Release.entitlements**

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
 <key>com.apple.security.app-sandbox</key>
 <true/>
</dict>
</plist>
```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Runner\Assets.xcassets\AppIcon.ap**

**piconset\Contents.json**

```
{
 "images" : [
 {
 "size" : "16x16",
 "idiom" : "mac",
 "filename" : "app_icon_16.png",
 "scale" : "1x"
 },
 {
 "size" : "16x16",
 "idiom" : "mac",
 "filename" : "app_icon_32.png",
 "scale" : "2x"
 },
 {
 "size" : "32x32",
 "idiom" : "mac",
 "filename" : "app_icon_32.png",
 "scale" : "1x"
 },
 {
 "size" : "32x32",
 "idiom" : "mac",
 "filename" : "app_icon_64.png",
 "scale" : "2x"
 }
],
}
```

```

{
 "size" : "128x128",
 "idiom" : "mac",
 "filename" : "app_icon_128.png",
 "scale" : "1x"
},
{
 "size" : "128x128",
 "idiom" : "mac",
 "filename" : "app_icon_256.png",
 "scale" : "2x"
},
{
 "size" : "256x256",
 "idiom" : "mac",
 "filename" : "app_icon_256.png",
 "scale" : "1x"
},
{
 "size" : "256x256",
 "idiom" : "mac",
 "filename" : "app_icon_512.png",
 "scale" : "2x"
},
{
 "size" : "512x512",
 "idiom" : "mac",
 "filename" : "app_icon_512.png",
 "scale" : "1x"
},
{
 "size" : "512x512",
 "idiom" : "mac",
 "filename" : "app_icon_1024.png",
 "scale" : "2x"
}
],
"info" : {
 "version" : 1,
 "author" : "xcode"
}
}

```

## File:

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Runner\Base.lproj\MainMenu.xib**

```

<?xml version="1.0" encoding="UTF-8"?>
<document type="com.apple.InterfaceBuilder3.Cocoa.XIB" version="3.0" toolsVersion="14490.70"
targetRuntime="MacOSX.Cocoa" propertyAccessControl="none" useAutolayout="YES"
customObjectInstantitationMethod="direct">
 <dependencies>
 <deployment identifier="macosx"/>
 <plugIn identifier="com.apple.InterfaceBuilder.CocoaPlugin" version="14490.70"/>
 <capability name="documents saved in the Xcode 8 format" minToolsVersion="8.0"/>
 </dependencies>
 <objects>
 <customObject id="-2" userLabel="File's Owner" customClass="NSApplication">
 <connections>
 <outlet property="delegate" destination="Voe-Tx-rLC" id="GzC-gU-4Uq"/>
 </connections>
 </customObject>
 <customObject id="-1" userLabel="First Responder" customClass="FirstResponder"/>
 <customObject id="-3" userLabel="Application" customClass="NSObject"/>
 </objects>
</document>

```

```

 <customObject id="Voe-Tx-rLC" customClass="AppDelegate" customModule="Runner"
customModuleProvider="target">
 <connections>
 <outlet property="applicationMenu" destination="uQy-DD-JDr" id="XBo-yE-nKs"/>
 <outlet property="mainFlutterWindow" destination="QvC-M9-y7g" id="gIp-Ho-8D9"/>
 </connections>
</customObject>
<customObject id="YLy-65-1bz" customClass="NSFontManager"/>
<menu title="Main Menu" systemMenu="main" id="AYu-sK-qS6">
 <items>
 <menuItem title="APP_NAME" id="1Xt-HY-uBw">
 <modifierMask key="keyEquivalentModifierMask"/>
 <menu key="submenu" title="APP_NAME" systemMenu="apple" id="uQy-DD-JDr">
 <items>
 <menuItem title="About APP_NAME" id="5kV-Vb-QxS">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="orderFrontStandardAboutPanel:" target="-1"
id="Exp-CZ-Vem"/>
 </connections>
 </menuItem>
 <menuItem isSeparatorItem="YES" id="VOq-y0-SEH"/>
 <menuItem title="Preferences" keyEquivalent="," id="BOF-NM-1cW"/>
 <menuItem isSeparatorItem="YES" id="wFC-TO-SCJ"/>
 <menuItem title="Services" id="NMo-om-nkz">
 <modifierMask key="keyEquivalentModifierMask"/>
 <menu key="submenu" title="Services" systemMenu="services" id="hz9-B4-Xy5"/>
 </menuItem>
 <menuItem isSeparatorItem="YES" id="4je-JR-u6R"/>
 <menuItem title="Hide APP_NAME" keyEquivalent="h" id="Olw-nP-bQN">
 <connections>
 <action selector="hide:" target="-1" id="PnN-Uc-m68"/>
 </connections>
 </menuItem>
 <menuItem title="Hide Others" keyEquivalent="h" id="Vdr-fp-Xz0">
 <modifierMask key="keyEquivalentModifierMask" option="YES" command="YES"/>
 <connections>
 <action selector="hideOtherApplications:" target="-1" id="VT4-aY-XCT"/>
 </connections>
 </menuItem>
 <menuItem title="Show All" id="Kd2-mp-pUS">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="unhideAllApplications:" target="-1" id="Dhg-Le-xox"/>
 </connections>
 </menuItem>
 <menuItem isSeparatorItem="YES" id="kCx-OE-vgT"/>
 <menuItem title="Quit APP_NAME" keyEquivalent="q" id="4sb-4s-VLi">
 <connections>
 <action selector="terminate:" target="-1" id="Te7-pn-YzF"/>
 </connections>
 </menuItem>
 </items>
 </menu>
 </menuItem>
 <menuItem title="Edit" id="5QF-Oa-p0T">
 <modifierMask key="keyEquivalentModifierMask"/>
 <menu key="submenu" title="Edit" id="W48-6f-4Dl">
 <items>
 <menuItem title="Undo" keyEquivalent="z" id="dRJ-4n-Yzg">
 <connections>
 <action selector="undo:" target="-1" id="M6e-cu-g7V"/>
 </connections>
 </menuItem>
 <menuItem title="Redo" keyEquivalent="Z" id="6dh-zS-Vam">
 <connections>

```

```

 <action selector="redo:" target="-1" id="oIA-Rs-60D"/>
 </connections>
</menuItem>
<menuItem isSeparatorItem="YES" id="WRV-NI-Exz"/>
<menuItem title="Cut" keyEquivalent="x" id="uRl-iY-unG">
 <connections>
 <action selector="cut:" target="-1" id="YJe-68-I9s"/>
 </connections>
</menuItem>
<menuItem title="Copy" keyEquivalent="c" id="x3v-GG-iWU">
 <connections>
 <action selector="copy:" target="-1" id="G1f-GL-Joy"/>
 </connections>
</menuItem>
<menuItem title="Paste" keyEquivalent="v" id="gVA-U4-sdL">
 <connections>
 <action selector="paste:" target="-1" id="UvS-8e-Qdg"/>
 </connections>
</menuItem>
<menuItem title="Paste and Match Style" keyEquivalent="V" id="WeT-3V-zwk">
 <modifierMask key="keyEquivalentModifierMask" option="YES" command="YES"/>
 <connections>
 <action selector="pasteAsPlainText:" target="-1" id="cEh-KX-wJQ"/>
 </connections>
</menuItem>
<menuItem title="Delete" id="pa3-QI-u2k">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="delete:" target="-1" id="OMk-Ml-PaM"/>
 </connections>
</menuItem>
<menuItem title="Select All" keyEquivalent="a" id="Ruw-6m-B2m">
 <connections>
 <action selector="selectAll:" target="-1" id="VNm-Mi-diN"/>
 </connections>
</menuItem>
<menuItem isSeparatorItem="YES" id="uyl-h8-XO2"/>
<menuItem title="Find" id="4EN-yA-p0u">
 <modifierMask key="keyEquivalentModifierMask"/>
 <menu key="submenu" title="Find" id="1b7-l0-nxx">
 <items>
 <menuItem title="Find¿" tag="1" keyEquivalent="f" id="Xz5-n4-O0W">
 <connections>
 <action selector="performFindPanelAction:" target="-1"
id="cD7-Qs-BN4"/>
 </connections>
 </menuItem>
 <menuItem title="Find and Replace¿" tag="12" keyEquivalent="f"
id="YEy-JH-Tfz">
 <modifierMask key="keyEquivalentModifierMask" option="YES"
command="YES"/>
 <connections>
 <action selector="performFindPanelAction:" target="-1"
id="WD3-Gg-5AJ"/>
 </connections>
 </menuItem>
 <menuItem title="Find Next" tag="2" keyEquivalent="g" id="q09-fT-Sye">
 <connections>
 <action selector="performFindPanelAction:" target="-1"
id="NDo-RZ-v9R"/>
 </connections>
 </menuItem>
 <menuItem title="Find Previous" tag="3" keyEquivalent="G"
id="OwM-mh-QMV">
 <connections>
 <action selector="performFindPanelAction:" target="-1"

```

```

id="H0h-sY-3ay"/>
 </connections>
 </menuItem>
 <menuItem title="Use Selection for Find" tag="7" keyEquivalent="e"
id="buJ-ug-pKt">
 <connections>
 <action selector="performFindPanelAction:" target="-1"
id="U76-nv-p5D"/>
 </connections>
 </menuItem>
 <menuItem title="Jump to Selection" keyEquivalent="j" id="S0p-oC-mLd">
 <connections>
 <action selector="centerSelectionInVisibleArea:" target="-1"
id="IOG-6D-g5B"/>
 </connections>
 </menuItem>
</items>
</menu>
</menuItem>
<menuItem title="Spelling and Grammar" id="Dv1-io-Yv7">
 <modifierMask key="keyEquivalentModifierMask"/>
 <menu key="submenu" title="Spelling" id="3IN-sU-3Bg">
 <items>
 <menuItem title="Show Spelling and Grammar" keyEquivalent=":"
id="HfO-cy-zxI">
 <connections>
 <action selector="showGuessPanel:" target="-1"
id="vFj-Ks-hy3"/>
 </connections>
 </menuItem>
 <menuItem title="Check Document Now" keyEquivalent=";" id="hz2-CU-CR7">
 <connections>
 <action selector="checkSpelling:" target="-1" id="fz7-VC-reM"/>
 </connections>
 </menuItem>
 <menuItem isSeparatorItem="YES" id="bNw-od-mp5"/>
 <menuItem title="Check Spelling While Typing" id="rBD-Rh-wIN">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="toggleContinuousSpellChecking:" target="-1"
id="7w6-Qz-0kB"/>
 </connections>
 </menuItem>
 <menuItem title="Check Grammar With Spelling" id="mK6-2p-4JG">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="toggleGrammarChecking:" target="-1"
id="muD-Qn-j4w"/>
 </connections>
 </menuItem>
 <menuItem title="Correct Spelling Automatically" id="78Y-hA-62v">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="toggleAutomaticSpellingCorrection:"
target="-1" id="2lM-Qi-WAP"/>
 </connections>
 </menuItem>
 </items>
 </menu>
</menuItem>
<menuItem title="Substitutions" id="9ic-FL-obx">
 <modifierMask key="keyEquivalentModifierMask"/>
 <menu key="submenu" title="Substitutions" id="FeM-D8-WVr">
 <items>
 <menuItem title="Show Substitutions" id="z6F-FW-3nz">
 <modifierMask key="keyEquivalentModifierMask"/>

```



```

 <connections>
 <action selector="orderFrontSubstitutionsPanel:" target="-1"
id="oku-mr-iSq"/>
 </connections>
 </menuItem>
 <menuItem isSeparatorItem="YES" id="gPx-C9-uUO"/>
 <menuItem title="Smart Copy/Paste" id="9yt-4B-nSM">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="toggleSmartInsertDelete:" target="-1"
id="3IJ-Se-DZD"/>
 </connections>
 </menuItem>
 <menuItem title="Smart Quotes" id="hQb-2v-fYv">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="toggleAutomaticQuoteSubstitution:"
target="-1" id="ptq-xd-QOA"/>
 </connections>
 </menuItem>
 <menuItem title="Smart Dashes" id="rgM-f4-ycn">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="toggleAutomaticDashSubstitution:" target="-1"
id="oCt-pO-9gS"/>
 </connections>
 </menuItem>
 <menuItem title="Smart Links" id="cwL-P1-jid">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="toggleAutomaticLinkDetection:" target="-1"
id="Gip-E3-Fov"/>
 </connections>
 </menuItem>
 <menuItem title="Data Detectors" id="tRr-pd-1PS">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="toggleAutomaticDataDetection:" target="-1"
id="RlI-Nq-Kbl"/>
 </connections>
 </menuItem>
 <menuItem title="Text Replacement" id="HFQ-gK-NFA">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="toggleAutomaticTextReplacement:" target="-1"
id="DvP-Fe-Py6"/>
 </connections>
 </menuItem>
</items>
</menu>
</menuItem>
<menuItem title="Transformations" id="2oI-Rn-ZJC">
 <modifierMask key="keyEquivalentModifierMask"/>
 <menu key="submenu" title="Transformations" id="c8a-y6-VQd">
 <items>
 <menuItem title="Make Upper Case" id="vmV-6d-7jI">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="uppercaseWord:" target="-1" id="sPh-Tk-edu"/>
 </connections>
 </menuItem>
 <menuItem title="Make Lower Case" id="d9M-CD-aMd">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="lowercaseWord:" target="-1" id="iUZ-b5-hil"/>
 </connections>
 </menuItem>
 </items>
 </menu>
</menuItem>

```

```

 </menuItem>
 <menuItem title="Capitalize" id="UEZ-Bs-lqG">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="capitalizeWord:" target="-1"
id="26H-TL-nsh"/>
 </connections>
 </menuItem>
 </items>
</menu>
</menuItem>
<menuItem title="Speech" id="xrE-MZ-jX0">
 <modifierMask key="keyEquivalentModifierMask"/>
 <menu key="submenu" title="Speech" id="3rS-ZA-NoH">
 <items>
 <menuItem title="Start Speaking" id="Ynk-f8-cLZ">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="startSpeaking:" target="-1" id="654-Ng-ky1"/>
 </connections>
 </menuItem>
 <menuItem title="Stop Speaking" id="Oyz-dy-DGm">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="stopSpeaking:" target="-1" id="dX8-6p-jy9"/>
 </connections>
 </menuItem>
 </items>
 </menu>
</menuItem>
</items>
</menu>
</menuItem>
<menuItem title="View" id="H8h-7b-M4v">
 <modifierMask key="keyEquivalentModifierMask"/>
 <menu key="submenu" title="View" id="HyV-fh-RgO">
 <items>
 <menuItem title="Enter Full Screen" keyEquivalent="f" id="4J7-dP-txa">
 <modifierMask key="keyEquivalentModifierMask" control="YES" command="YES"/>
 <connections>
 <action selector="toggleFullScreen:" target="-1" id="dU3-MA-lRq"/>
 </connections>
 </menuItem>
 </items>
 </menu>
</menuItem>
<menuItem title="Window" id="aUF-dl-5bR">
 <modifierMask key="keyEquivalentModifierMask"/>
 <menu key="submenu" title="Window" systemMenu="window" id="Td7-aD-5lo">
 <items>
 <menuItem title="Minimize" keyEquivalent="m" id="OY7-WF-poV">
 <connections>
 <action selector="performMiniaturize:" target="-1" id="VwT-WD-YPe"/>
 </connections>
 </menuItem>
 <menuItem title="Zoom" id="R4o-n2-Eq4">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="performZoom:" target="-1" id="DIl-cC-cCs"/>
 </connections>
 </menuItem>
 <menuItem isSeparatorItem="YES" id="eu3-7i-yIM"/>
 <menuItem title="Bring All to Front" id="LE2-aR-0XJ">
 <modifierMask key="keyEquivalentModifierMask"/>
 <connections>
 <action selector="arrangeInFront:" target="-1" id="DRN-fu-gQh"/>
 </connections>
 </menuItem>
 </items>
 </menu>
</menuItem>

```

```

 </connections>
 </menuItem>
</items>
</menu>
</menuItem>
<menuItem title="Help" id="EPT-qC-fAb">
 <modifierMask key="keyEquivalentModifierMask"/>
 <menu key="submenu" title="Help" systemMenu="help" id="rJ0-wn-3NY"/>
</menuItem>
</items>
<point key="canvasLocation" x="142" y="-258"/>
</menu>
<window title="APP_NAME" allowsToolTipsWhenApplicationIsInactive="NO" autorecalculatesKeyViewLoop="NO"
releasedWhenClosed="NO" animationBehavior="default" id="QvC-M9-y7g" customClass="MainFlutterWindow"
customModule="Runner" customModuleProvider="target">
 <windowStyleMask key="styleMask" titled="YES" closable="YES" miniaturizable="YES" resizable="YES"/>
 <rect key="contentRect" x="335" y="390" width="800" height="600"/>
 <rect key="screenRect" x="0.0" y="0.0" width="2560" height="1577"/>
 <view key="contentView" wantsLayer="YES" id="EiT-Mj-1SZ">
 <rect key="frame" x="0.0" y="0.0" width="800" height="600"/>
 <autoresizingMask key="autoresizingMask"/>
 </view>
</window>
</objects>
</document>

```

#### File:

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Runner\Configs\AppInfo.xcconfig**

```

// Application-level settings for the Runner target.
//
// This may be replaced with something auto-generated from metadata (e.g., pubspec.yaml) in the
// future. If not, the values below would default to using the project name when this becomes a
// 'flutter create' template.

// The application's name. By default this is also the title of the Flutter window.
PRODUCT_NAME = wismon_keuangan

// The application's bundle identifier
PRODUCT_BUNDLE_IDENTIFIER = com.example.wismonKeuangan

// The copyright displayed in application information
PRODUCT_COPYRIGHT = Copyright © 2025 com.example. All rights reserved.

```

#### File:

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Runner\Configs\Debug.xcconfig**

```

#include "../Flutter/Flutter-Debug.xcconfig"
#include "Warnings.xcconfig"

```

#### File:

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Runner\Configs\Release.xcconfig**

```

#include "../Flutter/Flutter-Release.xcconfig"
#include "Warnings.xcconfig"

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Runner\Configs\Warnings.xcconfig

```
WARNING_CFLAGS = -Wall -Wconditional-uninitialized -Wnullable-to-nonnull-conversion
-Wmissing-method-return-type -Woverlength-strings
GCC_WARN_UNDECLARED_SELECTOR = YES
CLANG_UNDEFINED_BEHAVIOR_SANITIZER_NULLABILITY = YES
CLANG_WARN_UNGUARDED_AVAILABILITY = YES_AGGRESSIVE
CLANG_WARN_DUPLICATE_METHOD_MATCH = YES
CLANG_WARN_PRAGMA_PACK = YES
CLANG_WARN_STRICT_PROTOTYPES = YES
CLANG_WARN_COMMA = YES
GCC_WARN_STRICT_SELECTOR_MATCH = YES
CLANG_WARN_OBJC_REPEATED_USE_OF_WEAK = YES
CLANG_WARN_OBJC_IMPLICIT_RETAIN_SELF = YES
GCC_WARN_SHADOW = YES
CLANG_WARN_UNREACHABLE_CODE = YES
```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Runner.xcodeproj\project.pbxproj

```
// !$*UTF8*$!
{
 archiveVersion = 1;
 classes = {
 };
 objectVersion = 54;
 objects = {

/* Begin PBXAggregateTarget section */
 33CC111A2044C6BA0003C045 /* Flutter Assemble */ = {
 isa = PBXAggregateTarget;
 buildConfigurationList = 33CC111B2044C6BA0003C045 /* Build configuration list for PBXAggregateTarget
Flutter Assemble */;
 buildPhases = (
 33CC111E2044C6BF0003C045 /* ShellScript */,
);
 dependencies = (
);
 name = "Flutter Assemble";
 productName = FLX;
 };
/* End PBXAggregateTarget section */

/* Begin PBXBuildFile section */
 331C80D8294CF71000263BE5 /* RunnerTests.swift in Sources */ = {isa = PBXBuildFile; fileRef =
331C80D7294CF71000263BE5 /* RunnerTests.swift */; };
 335BBD1B22A9A15E00E9071D /* GeneratedPluginRegistrant.swift in Sources */ = {isa = PBXBuildFile; fileRef =
335BBD1A22A9A15E00E9071D /* GeneratedPluginRegistrant.swift */; };
 33CC10F12044A3C60003C045 /* AppDelegate.swift in Sources */ = {isa = PBXBuildFile; fileRef =
33CC10F02044A3C60003C045 /* AppDelegate.swift */; };
 33CC10F32044A3C60003C045 /* Assets.xcassets in Resources */ = {isa = PBXBuildFile; fileRef =
33CC10F22044A3C60003C045 /* Assets.xcassets */; };
 33CC10F62044A3C60003C045 /* MainMenu.xib in Resources */ = {isa = PBXBuildFile; fileRef =
33CC10F42044A3C60003C045 /* MainMenu.xib */; };
 33CC11132044BFA00003C045 /* MainFlutterWindow.swift in Sources */ = {isa = PBXBuildFile; fileRef =
33CC11122044BFA00003C045 /* MainFlutterWindow.swift */; };
/* End PBXBuildFile section */

/* Begin PBXContainerItemProxy section */
 331C80D9294CF71000263BE5 /* PBXContainerItemProxy */ = {
```

```

isa = PBXContainerItemProxy;
containerPortal = 33CC10E52044A3C60003C045 /* Project object */;
proxyType = 1;
remoteGlobalIDString = 33CC10EC2044A3C60003C045;
remoteInfo = Runner;
};
33CC111F2044C79F0003C045 /* PBXContainerItemProxy */ = {
isa = PBXContainerItemProxy;
containerPortal = 33CC10E52044A3C60003C045 /* Project object */;
proxyType = 1;
remoteGlobalIDString = 33CC111A2044C6BA0003C045;
remoteInfo = FLX;
};
/* End PBXContainerItemProxy section */

/* Begin PBXCopyFilesBuildPhase section */
33CC110E2044A8840003C045 /* Bundle Framework */ = {
isa = PBXCopyFilesBuildPhase;
buildActionMask = 2147483647;
dstPath = "";
dstSubfolderSpec = 10;
files = (
);
name = "Bundle Framework";
runOnlyForDeploymentPostprocessing = 0;
};
/* End PBXCopyFilesBuildPhase section */

/* Begin PBXFileReference section */
331C80D5294CF71000263BE5 /* RunnerTests.xctest */ = {isa = PBXFileReference; explicitFileType = wrapper.cfbundle; includeInIndex = 0; path = RunnerTests.xctest; sourceTree = BUILT_PRODUCTS_DIR; };
331C80D7294CF71000263BE5 /* RunnerTests.swift */ = {isa = PBXFileReference; lastKnownFileType = sourcecode.swift; path = RunnerTests.swift; sourceTree = "<group>"; };
333000ED22D3DE5D00554162 /* Warnings.xcconfig */ = {isa = PBXFileReference; lastKnownFileType = text.xcconfig; path = Warnings.xcconfig; sourceTree = "<group>"; };
335BBD1A22A9A15E00E9071D /* GeneratedPluginRegistrant.swift */ = {isa = PBXFileReference; fileEncoding = 4; lastKnownFileType = sourcecode.swift; path = GeneratedPluginRegistrant.swift; sourceTree = "<group>"; };
33CC10ED2044A3C60003C045 /* wismon_keuangan.app */ = {isa = PBXFileReference; explicitFileType = wrapper.application; includeInIndex = 0; path = "wismon_keuangan.app"; sourceTree = BUILT_PRODUCTS_DIR; };
33CC10F02044A3C60003C045 /* AppDelegate.swift */ = {isa = PBXFileReference; lastKnownFileType = sourcecode.swift; path = AppDelegate.swift; sourceTree = "<group>"; };
33CC10F22044A3C60003C045 /* Assets.xcassets */ = {isa = PBXFileReference; lastKnownFileType = folder.assetcatalog; name = Assets.xcassets; path = Runner/Assets.xcassets; sourceTree = "<group>"; };
33CC10F52044A3C60003C045 /* Base */ = {isa = PBXFileReference; lastKnownFileType = file.xib; name = Base; path = Base.lproj/MainMenu.xib; sourceTree = "<group>"; };
33CC10F72044A3C60003C045 /* Info.plist */ = {isa = PBXFileReference; lastKnownFileType = text.plist.xml; name = Info.plist; path = Runner/Info.plist; sourceTree = "<group>"; };
33CC11122044BFA00003C045 /* MainFlutterWindow.swift */ = {isa = PBXFileReference; lastKnownFileType = sourcecode.swift; path = MainFlutterWindow.swift; sourceTree = "<group>"; };
33CEB47222A05771004F2AC0 /* Flutter-Debug.xcconfig */ = {isa = PBXFileReference; lastKnownFileType = text.xcconfig; path = "Flutter-Debug.xcconfig"; sourceTree = "<group>"; };
33CEB47422A05771004F2AC0 /* Flutter-Release.xcconfig */ = {isa = PBXFileReference; lastKnownFileType = text.xcconfig; path = "Flutter-Release.xcconfig"; sourceTree = "<group>"; };
33CEB47722A0578A004F2AC0 /* Flutter-Generated.xcconfig */ = {isa = PBXFileReference; lastKnownFileType = text.xcconfig; name = "Flutter-Generated.xcconfig"; path = "ephemeral/Flutter-Generated.xcconfig"; sourceTree = "<group>"; };
33E51913231747F40026EE4D /* DebugProfile.entitlements */ = {isa = PBXFileReference; lastKnownFileType = text.plist.entitlements; path = DebugProfile.entitlements; sourceTree = "<group>"; };
33E51914231749380026EE4D /* Release.entitlements */ = {isa = PBXFileReference; fileEncoding = 4; lastKnownFileType = text.plist.entitlements; path = Release.entitlements; sourceTree = "<group>"; };
33E5194F232828860026EE4D /* AppInfo.xcconfig */ = {isa = PBXFileReference; lastKnownFileType = text.xcconfig; path = AppInfo.xcconfig; sourceTree = "<group>"; };
7AFA3C8E1D35360C0083082E /* Release.xcconfig */ = {isa = PBXFileReference; lastKnownFileType = text.xcconfig; path = Release.xcconfig; sourceTree = "<group>"; };
9740EEB21CF90195004384FC /* Debug.xcconfig */ = {isa = PBXFileReference; fileEncoding = 4; lastKnownFileType = text.xcconfig; path = Debug.xcconfig; sourceTree = "<group>"; };

```

```

/* End PBXFileReference section */

/* Begin PBXFrameworksBuildPhase section */
331C80D2294CF70F00263BE5 /* Frameworks */ = {
 isa = PBXFrameworksBuildPhase;
 buildActionMask = 2147483647;
 files = (
);
 runOnlyForDeploymentPostprocessing = 0;
};
33CC10EA2044A3C60003C045 /* Frameworks */ = {
 isa = PBXFrameworksBuildPhase;
 buildActionMask = 2147483647;
 files = (
);
 runOnlyForDeploymentPostprocessing = 0;
};
/* End PBXFrameworksBuildPhase section */

/* Begin PBXGroup section */
331C80D6294CF71000263BE5 /* RunnerTests */ = {
 isa = PBXGroup;
 children = (
 331C80D7294CF71000263BE5 /* RunnerTests.swift */ ,
);
 path = RunnerTests;
 sourceTree = "<group>";
};
33BA886A226E78AF003329D5 /* Configs */ = {
 isa = PBXGroup;
 children = (
 33E5194F232828860026EE4D /* AppInfo.xcconfig */ ,
 9740EEB21CF90195004384FC /* Debug.xcconfig */ ,
 7AFA3C8E1D35360C0083082E /* Release.xcconfig */ ,
 333000ED22D3DE5D00554162 /* Warnings.xcconfig */ ,
);
 path = Configs;
 sourceTree = "<group>";
};
33CC10E42044A3C60003C045 = {
 isa = PBXGroup;
 children = (
 33FAB671232836740065AC1E /* Runner */ ,
 33CEB47122A05771004F2AC0 /* Flutter */ ,
 331C80D6294CF71000263BE5 /* RunnerTests */ ,
 33CC10EE2044A3C60003C045 /* Products */ ,
 D73912EC22F37F3D000D13A0 /* Frameworks */ ,
);
 sourceTree = "<group>";
};
33CC10EE2044A3C60003C045 /* Products */ = {
 isa = PBXGroup;
 children = (
 33CC10ED2044A3C60003C045 /* wismon_keuangan.app */ ,
 331C80D5294CF71000263BE5 /* RunnerTests.xctest */ ,
);
 name = Products;
 sourceTree = "<group>";
};
33CC11242044D66E0003C045 /* Resources */ = {
 isa = PBXGroup;
 children = (
 33CC10F22044A3C60003C045 /* Assets.xcassets */ ,
 33CC10F42044A3C60003C045 /* MainMenu.xib */ ,
 33CC10F72044A3C60003C045 /* Info.plist */ ,
);
};

```

```

name = Resources;
path = ..;
sourceTree = "<group>";
};
33CEB47122A05771004F2AC0 /* Flutter */ = {
isa = PBXGroup;
children = (
335BBD1A22A9A15E00E9071D /* GeneratedPluginRegistrant.swift */,
33CEB47222A05771004F2AC0 /* Flutter-Debug.xcconfig */,
33CEB47422A05771004F2AC0 /* Flutter-Release.xcconfig */,
33CEB47722A0578A004F2AC0 /* Flutter-Generated.xcconfig */,
);
path = Flutter;
sourceTree = "<group>";
};
33FAB671232836740065AC1E /* Runner */ = {
isa = PBXGroup;
children = (
33CC10F02044A3C60003C045 /* AppDelegate.swift */,
33CC11122044BFA00003C045 /* MainFlutterWindow.swift */,
33E51913231747F40026EE4D /* DebugProfile.entitlements */,
33E51914231749380026EE4D /* Release.entitlements */,
33CC11242044D66E0003C045 /* Resources */,
33BA886A226E78AF003329D5 /* Configs */,
);
path = Runner;
sourceTree = "<group>";
};
D73912EC22F37F3D000D13A0 /* Frameworks */ = {
isa = PBXGroup;
children = (
);
name = Frameworks;
sourceTree = "<group>";
};
/* End PBXGroup section */

/* Begin PBXNativeTarget section */
331C80D4294CF70F00263BE5 /* RunnerTests */ = {
isa = PBXNativeTarget;
buildConfigurationList = 331C80DE294CF71000263BE5 /* Build configuration list for PBXNativeTarget
"RunnerTests" */;
buildPhases = (
331C80D1294CF70F00263BE5 /* Sources */,
331C80D2294CF70F00263BE5 /* Frameworks */,
331C80D3294CF70F00263BE5 /* Resources */,
);
buildRules = (
);
dependencies = (
331C80DA294CF71000263BE5 /* PBXTargetDependency */,
);
name = RunnerTests;
productName = RunnerTests;
productReference = 331C80D5294CF71000263BE5 /* RunnerTests.xctest */;
productType = "com.apple.product-type.bundle.unit-test";
};
33CC10EC2044A3C60003C045 /* Runner */ = {
isa = PBXNativeTarget;
buildConfigurationList = 33CC10FB2044A3C60003C045 /* Build configuration list for PBXNativeTarget "Runner"
*/;
buildPhases = (
33CC10E92044A3C60003C045 /* Sources */,
33CC10EA2044A3C60003C045 /* Frameworks */,
33CC10EB2044A3C60003C045 /* Resources */,
33CC110E2044A8840003C045 /* Bundle Framework */,

```

```

 3399D490228B24CF009A79C7 /* ShellScript */,
);
buildRules = (
);
dependencies = (
 33CC11202044C79F0003C045 /* PBXTargetDependency */,
);
name = Runner;
productName = Runner;
productReference = 33CC10ED2044A3C60003C045 /* wismon_keuangan.app */;
productType = "com.apple.product-type.application";
};
/* End PBXNativeTarget section */

/* Begin PBXProject section */
33CC10E52044A3C60003C045 /* Project object */ = {
 isa = PBXProject;
 attributes = {
 BuildIndependentTargetsInParallel = YES;
 LastSwiftUpdateCheck = 0920;
 LastUpgradeCheck = 1510;
 ORGANIZATIONNAME = "";
 TargetAttributes = {
 331C80D4294CF70F00263BE5 = {
 CreatedOnToolsVersion = 14.0;
 TestTargetID = 33CC10EC2044A3C60003C045;
 };
 33CC10EC2044A3C60003C045 = {
 CreatedOnToolsVersion = 9.2;
 LastSwiftMigration = 1100;
 ProvisioningStyle = Automatic;
 SystemCapabilities = {
 com.apple.Sandbox = {
 enabled = 1;
 };
 };
 };
 33CC111A2044C6BA0003C045 = {
 CreatedOnToolsVersion = 9.2;
 ProvisioningStyle = Manual;
 };
 };
 };
 buildConfigurationList = 33CC10E82044A3C60003C045 /* Build configuration list for PBXProject "Runner" */;
 compatibilityVersion = "Xcode 9.3";
 developmentRegion = en;
 hasScannedForEncodings = 0;
 knownRegions = (
 en,
 Base,
);
 mainGroup = 33CC10E42044A3C60003C045;
 productRefGroup = 33CC10EE2044A3C60003C045 /* Products */;
 projectDirPath = "";
 projectRoot = "";
 targets = (
 33CC10EC2044A3C60003C045 /* Runner */,
 331C80D4294CF70F00263BE5 /* RunnerTests */,
 33CC111A2044C6BA0003C045 /* Flutter Assemble */,
);
};
/* End PBXProject section */

/* Begin PBXResourcesBuildPhase section */
331C80D3294CF70F00263BE5 /* Resources */ = {
 isa = PBXResourcesBuildPhase;

```



```

buildActionMask = 2147483647;
files = (
);
runOnlyForDeploymentPostprocessing = 0;
};
33CC10EB2044A3C60003C045 /* Resources */ = {
 isa = PBXResourcesBuildPhase;
 buildActionMask = 2147483647;
 files = (
 33CC10F32044A3C60003C045 /* Assets.xcassets in Resources */,
 33CC10F62044A3C60003C045 /* MainMenu.xib in Resources */,
);
 runOnlyForDeploymentPostprocessing = 0;
};
/* End PBXResourcesBuildPhase section */

/* Begin PBXShellScriptBuildPhase section */
3399D490228B24CF009A79C7 /* ShellScript */ = {
 isa = PBXShellScriptBuildPhase;
 alwaysOutOfDate = 1;
 buildActionMask = 2147483647;
 files = (
);
 inputFileListPaths = (
);
 inputPaths = (
);
 outputFileListPaths = (
);
 outputPaths = (
);
 runOnlyForDeploymentPostprocessing = 0;
 shellPath = /bin/sh;
 shellScript = "echo \"$PRODUCT_NAME.app\" > \"$PROJECT_DIR\"/Flutter/ephemeral/.app_filename &&
\"$FLUTTER_ROOT\"/packages/flutter_tools/bin/macos_assemble.sh embed\n";
};
33CC111E2044C6BF0003C045 /* ShellScript */ = {
 isa = PBXShellScriptBuildPhase;
 buildActionMask = 2147483647;
 files = (
);
 inputFileListPaths = (
 Flutter/ephemeral/FlutterInputs.xcfilelist,
);
 inputPaths = (
 Flutter/ephemeral/tripwire,
);
 outputFileListPaths = (
 Flutter/ephemeral/FlutterOutputs.xcfilelist,
);
 outputPaths = (
);
 runOnlyForDeploymentPostprocessing = 0;
 shellPath = /bin/sh;
 shellScript = "\"$FLUTTER_ROOT\"/packages/flutter_tools/bin/macos_assemble.sh && touch
Flutter/ephemeral/tripwire";
};
/* End PBXShellScriptBuildPhase section */

/* Begin PBXSourcesBuildPhase section */
331C80D1294CF70F00263BE5 /* Sources */ = {
 isa = PBXSourcesBuildPhase;
 buildActionMask = 2147483647;
 files = (
 331C80D8294CF71000263BE5 /* RunnerTests.swift in Sources */,
);
};

```

```

runOnlyForDeploymentPostprocessing = 0;
};
33CC10E92044A3C60003C045 /* Sources */ = {
 isa = PBXSourcesBuildPhase;
 buildActionMask = 2147483647;
 files = (
 33CC11132044BFA00003C045 /* MainFlutterWindow.swift in Sources */,
 33CC10F12044A3C60003C045 /* AppDelegate.swift in Sources */,
 335BBD1B22A9A15E00E9071D /* GeneratedPluginRegistrant.swift in Sources */,
);
 runOnlyForDeploymentPostprocessing = 0;
};
/* End PBXSourcesBuildPhase section */

/* Begin PBXTargetDependency section */
331C80DA294CF71000263BE5 /* PBXTargetDependency */ = {
 isa = PBXTargetDependency;
 target = 33CC10EC2044A3C60003C045 /* Runner */;
 targetProxy = 331C80D9294CF71000263BE5 /* PBXContainerItemProxy */;
};
33CC11202044C79F0003C045 /* PBXTargetDependency */ = {
 isa = PBXTargetDependency;
 target = 33CC111A2044C6BA0003C045 /* Flutter Assemble */;
 targetProxy = 33CC111F2044C79F0003C045 /* PBXContainerItemProxy */;
};
/* End PBXTargetDependency section */

/* Begin PBXVariantGroup section */
33CC10F42044A3C60003C045 /* MainMenu.xib */ = {
 isa = PBXVariantGroup;
 children = (
 33CC10F52044A3C60003C045 /* Base */,
);
 name = MainMenu.xib;
 path = Runner;
 sourceTree = "<group>";
};
/* End PBXVariantGroup section */

/* Begin XCBuildConfiguration section */
331C80DB294CF71000263BE5 /* Debug */ = {
 isa = XCBuildConfiguration;
 buildSettings = {
 BUNDLE_LOADER = "$(TEST_HOST)";
 CURRENT_PROJECT_VERSION = 1;
 GENERATE_INFOPLIST_FILE = YES;
 MARKETING_VERSION = 1.0;
 PRODUCT_BUNDLE_IDENTIFIER = com.example.wismonKeuangan.RunnerTests;
 PRODUCT_NAME = "$(TARGET_NAME)";
 SWIFT_VERSION = 5.0;
 TEST_HOST = "$(BUILT_PRODUCTS_DIR)/wismon_keuangan.app/$(BUNDLE_EXECUTABLE_FOLDER_PATH)/wismon_keuangan";
 };
 name = Debug;
};
331C80DC294CF71000263BE5 /* Release */ = {
 isa = XCBuildConfiguration;
 buildSettings = {
 BUNDLE_LOADER = "$(TEST_HOST)";
 CURRENT_PROJECT_VERSION = 1;
 GENERATE_INFOPLIST_FILE = YES;
 MARKETING_VERSION = 1.0;
 PRODUCT_BUNDLE_IDENTIFIER = com.example.wismonKeuangan.RunnerTests;
 PRODUCT_NAME = "$(TARGET_NAME)";
 SWIFT_VERSION = 5.0;
 TEST_HOST = "$(BUILT_PRODUCTS_DIR)/wismon_keuangan.app/$(BUNDLE_EXECUTABLE_FOLDER_PATH)/wismon_keuangan";
 };
};

```

```

name = Release;
};
331C80DD294CF71000263BE5 /* Profile */ = {
isa = XCBuildConfiguration;
buildSettings = {
 BUNDLE_LOADER = "$(TEST_HOST)";
 CURRENT_PROJECT_VERSION = 1;
 GENERATE_INFOPLIST_FILE = YES;
 MARKETING_VERSION = 1.0;
 PRODUCT_BUNDLE_IDENTIFIER = com.example.wismonKeuangan.RunnerTests;
 PRODUCT_NAME = "$(TARGET_NAME)";
 SWIFT_VERSION = 5.0;
 TEST_HOST = "$(BUILT_PRODUCTS_DIR)/wismon_keuangan.app/$(BUNDLE_EXECUTABLE_FOLDER_PATH)/wismon_keuangan";
};
name = Profile;
};
338D0CE9231458BD00FA5F75 /* Profile */ = {
isa = XCBuildConfiguration;
baseConfigurationReference = 7AFA3C8E1D35360C0083082E /* Release.xcconfig */;
buildSettings = {
 ALWAYS_SEARCH_USER_PATHS = NO;
 ASSETCATALOG_COMPILER_GENERATE_SWIFT_ASSET_SYMBOL_EXTENSIONS = YES;
 CLANG_ANALYZER_NONNULL = YES;
 CLANG_ANALYZER_NUMBER_OBJECT_CONVERSION = YES_AGGRESSIVE;
 CLANG_CXX_LANGUAGE_STANDARD = "gnu++14";
 CLANG_CXX_LIBRARY = "libc++";
 CLANG_ENABLE_MODULES = YES;
 CLANG_ENABLE_OBJC_ARC = YES;
 CLANG_WARN_BLOCK_CAPTURE_AUTORELEASING = YES;
 CLANG_WARN_BOOL_CONVERSION = YES;
 CLANG_WARN_CONSTANT_CONVERSION = YES;
 CLANG_WARN_DEPRECATED_OBJC_IMPLEMENTATIONS = YES;
 CLANG_WARN_DIRECT_OBJC_ISA_USAGE = YES_ERROR;
 CLANG_WARN_DOCUMENTATION_COMMENTS = YES;
 CLANG_WARN_EMPTY_BODY = YES;
 CLANG_WARN_ENUM_CONVERSION = YES;
 CLANG_WARN_INFINITE_RECURSION = YES;
 CLANG_WARN_INT_CONVERSION = YES;
 CLANG_WARN_NON_LITERAL_NULL_CONVERSION = YES;
 CLANG_WARN_OBJC_LITERAL_CONVERSION = YES;
 CLANG_WARN_OBJC_ROOT_CLASS = YES_ERROR;
 CLANG_WARN_RANGE_LOOP_ANALYSIS = YES;
 CLANG_WARN_SUSPICIOUS_MOVE = YES;
 CODE_SIGN_IDENTITY = "-";
 COPY_PHASE_STRIP = NO;
 DEAD_CODE_STRIPPING = YES;
 DEBUG_INFORMATION_FORMAT = "dwarf-with-dsym";
 ENABLE_NS_ASSERTIONS = NO;
 ENABLE_STRICT_OBJC_MSGSEND = YES;
 ENABLE_USER_SCRIPT_SANDBOXING = NO;
 GCC_C_LANGUAGE_STANDARD = gnull;
 GCC_NO_COMMON_BLOCKS = YES;
 GCC_WARN_64_TO_32_BIT_CONVERSION = YES;
 GCC_WARN_ABOUT_RETURN_TYPE = YES_ERROR;
 GCC_WARN_UNINITIALIZED_AUTOS = YES_AGGRESSIVE;
 GCC_WARN_UNUSED_FUNCTION = YES;
 GCC_WARN_UNUSED_VARIABLE = YES;
 MACOSX_DEPLOYMENT_TARGET = 10.14;
 MTL_ENABLE_DEBUG_INFO = NO;
 SDKROOT = macosx;
 SWIFT_COMPILATION_MODE = wholemodule;
 SWIFT_OPTIMIZATION_LEVEL = "-O";
};
name = Profile;
};
338D0CEA231458BD00FA5F75 /* Profile */ = {

```

```

isa = XCBuildConfiguration;
baseConfigurationReference = 33E5194F232828860026EE4D /* AppInfo.xcconfig */;
buildSettings = {
 ASSETCATALOG_COMPILER_APPICON_NAME = AppIcon;
 CLANG_ENABLE_MODULES = YES;
 CODE_SIGN_ENTITLEMENTS = Runner/DebugProfile.entitlements;
 CODE_SIGN_STYLE = Automatic;
 COMBINE_HIDPI_IMAGES = YES;
 INFOPLIST_FILE = Runner/Info.plist;
 LD_RUNPATH_SEARCH_PATHS = (
 "$(inherited)",
 "@executable_path/../Frameworks",
);
 PROVISIONING_PROFILE_SPECIFIER = "";
 SWIFT_VERSION = 5.0;
};
name = Profile;
};
338D0CEB231458BD00FA5F75 /* Profile */ = {
isa = XCBuildConfiguration;
buildSettings = {
 CODE_SIGN_STYLE = Manual;
 PRODUCT_NAME = "$(TARGET_NAME)";
};
name = Profile;
};
33CC10F92044A3C60003C045 /* Debug */ = {
isa = XCBuildConfiguration;
baseConfigurationReference = 9740EEB21CF90195004384FC /* Debug.xcconfig */;
buildSettings = {
 ALWAYS_SEARCH_USER_PATHS = NO;
 ASSETCATALOG_COMPILER_GENERATE_SWIFT_ASSET_SYMBOL_EXTENSIONS = YES;
 CLANG_ANALYZER_NONNULL = YES;
 CLANG_ANALYZER_NUMBER_OBJECT_CONVERSION = YES_AGGRESSIVE;
 CLANG_CXX_LANGUAGE_STANDARD = "gnu++14";
 CLANG_CXX_LIBRARY = "libc++";
 CLANG_ENABLE_MODULES = YES;
 CLANG_ENABLE_OBJC_ARC = YES;
 CLANG_WARN_BLOCK_CAPTURE_AUTORELEASING = YES;
 CLANG_WARN_BOOL_CONVERSION = YES;
 CLANG_WARN_CONSTANT_CONVERSION = YES;
 CLANG_WARN_DEPRECATED_OBJC_IMPLEMENTATIONS = YES;
 CLANG_WARN_DIRECT_OBJC_ISA_USAGE = YES_ERROR;
 CLANG_WARN_DOCUMENTATION_COMMENTS = YES;
 CLANG_WARN_EMPTY_BODY = YES;
 CLANG_WARN_ENUM_CONVERSION = YES;
 CLANG_WARN_INFINITE_RECURSION = YES;
 CLANG_WARN_INT_CONVERSION = YES;
 CLANG_WARN_NON_LITERAL_NULL_CONVERSION = YES;
 CLANG_WARN_OBJC_LITERAL_CONVERSION = YES;
 CLANG_WARN_OBJC_ROOT_CLASS = YES_ERROR;
 CLANG_WARN_RANGE_LOOP_ANALYSIS = YES;
 CLANG_WARN_SUSPICIOUS_MOVE = YES;
 CODE_SIGN_IDENTITY = "-";
 COPY_PHASE_STRIP = NO;
 DEAD_CODE_STRIPPING = YES;
 DEBUG_INFORMATION_FORMAT = dwarf;
 ENABLE_STRICT_OBJC_MSGSEND = YES;
 ENABLE_TESTABILITY = YES;
 ENABLE_USER_SCRIPT_SANDBOXING = NO;
 GCC_C_LANGUAGE_STANDARD = gnu11;
 GCC_DYNAMIC_NO_PIC = NO;
 GCC_NO_COMMON_BLOCKS = YES;
 GCC_OPTIMIZATION_LEVEL = 0;
 GCC_PREPROCESSOR_DEFINITIONS = (
 "DEBUG=1",
);
};

```

```

 "$(inherited)",
);
GCC_WARN_64_TO_32_BIT_CONVERSION = YES;
GCC_WARN_ABOUT_RETURN_TYPE = YES_ERROR;
GCC_WARN_UNINITIALIZED_AUTOS = YES_AGGRESSIVE;
GCC_WARN_UNUSED_FUNCTION = YES;
GCC_WARN_UNUSED_VARIABLE = YES;
MACOSX_DEPLOYMENT_TARGET = 10.14;
MTL_ENABLE_DEBUG_INFO = YES;
ONLY_ACTIVE_ARCH = YES;
SDKROOT = macosx;
SWIFT_ACTIVE_COMPILATION_CONDITIONS = DEBUG;
SWIFT_OPTIMIZATION_LEVEL = "-Onone";
};
name = Debug;
};
33CC10FA2044A3C60003C045 /* Release */ = {
 isa = XCBuildConfiguration;
 baseConfigurationReference = 7AFA3C8E1D35360C0083082E /* Release.xcconfig */;
 buildSettings = {
 ALWAYS_SEARCH_USER_PATHS = NO;
 ASSETCATALOG_COMPILER_GENERATE_SWIFT_ASSET_SYMBOL_EXTENSIONS = YES;
 CLANG_ANALYZER_NONNULL = YES;
 CLANG_ANALYZER_NUMBER_OBJECT_CONVERSION = YES_AGGRESSIVE;
 CLANG_CXX_LANGUAGE_STANDARD = "gnu++14";
 CLANG_CXX_LIBRARY = "libc++";
 CLANG_ENABLE_MODULES = YES;
 CLANG_ENABLE_OBJC_ARC = YES;
 CLANG_WARN_BLOCK_CAPTURE_AUTORELEASING = YES;
 CLANG_WARN_BOOL_CONVERSION = YES;
 CLANG_WARN_CONSTANT_CONVERSION = YES;
 CLANG_WARN_DEPRECATED_OBJC_IMPLEMENTATIONS = YES;
 CLANG_WARN_DIRECT_OBJC_ISA_USAGE = YES_ERROR;
 CLANG_WARN_DOCUMENTATION_COMMENTS = YES;
 CLANG_WARN_EMPTY_BODY = YES;
 CLANG_WARN_ENUM_CONVERSION = YES;
 CLANG_WARN_INFINITE_RECURSION = YES;
 CLANG_WARN_INT_CONVERSION = YES;
 CLANG_WARN_NON_LITERAL_NULL_CONVERSION = YES;
 CLANG_WARN_OBJC_LITERAL_CONVERSION = YES;
 CLANG_WARN_OBJC_ROOT_CLASS = YES_ERROR;
 CLANG_WARN_RANGE_LOOP_ANALYSIS = YES;
 CLANG_WARN_SUSPICIOUS_MOVE = YES;
 CODE_SIGN_IDENTITY = "-";
 COPY_PHASE_STRIP = NO;
 DEAD_CODE_STRIPPING = YES;
 DEBUG_INFORMATION_FORMAT = "dwarf-with-dsym";
 ENABLE_NS_ASSERTIONS = NO;
 ENABLE_STRICT_OBJC_MSGSEND = YES;
 ENABLE_USER_SCRIPT_SANDBOXING = NO;
 GCC_C_LANGUAGE_STANDARD = gnull;
 GCC_NO_COMMON_BLOCKS = YES;
 GCC_WARN_64_TO_32_BIT_CONVERSION = YES;
 GCC_WARN_ABOUT_RETURN_TYPE = YES_ERROR;
 GCC_WARN_UNINITIALIZED_AUTOS = YES_AGGRESSIVE;
 GCC_WARN_UNUSED_FUNCTION = YES;
 GCC_WARN_UNUSED_VARIABLE = YES;
 MACOSX_DEPLOYMENT_TARGET = 10.14;
 MTL_ENABLE_DEBUG_INFO = NO;
 SDKROOT = macosx;
 SWIFT_COMPILATION_MODE = wholemodule;
 SWIFT_OPTIMIZATION_LEVEL = "-O";
 };
 name = Release;
};
33CC10FC2044A3C60003C045 /* Debug */ = {

```

```

isa = XCBuildConfiguration;
baseConfigurationReference = 33E5194F232828860026EE4D /* AppInfo.xcconfig */;
buildSettings = {
 ASSETCATALOG_COMPILER_APPICON_NAME = AppIcon;
 CLANG_ENABLE_MODULES = YES;
 CODE_SIGN_ENTITLEMENTS = Runner/DebugProfile.entitlements;
 CODE_SIGN_STYLE = Automatic;
 COMBINE_HIDPI_IMAGES = YES;
 INFOPLIST_FILE = Runner/Info.plist;
 LD_RUNPATH_SEARCH_PATHS = (
 "$(inherited)",
 "@executable_path/../Frameworks",
);
 PROVISIONING_PROFILE_SPECIFIER = "";
 SWIFT_OPTIMIZATION_LEVEL = "-Onone";
 SWIFT_VERSION = 5.0;
};
name = Debug;
};
33CC10FD2044A3C60003C045 /* Release */ = {
 isa = XCBuildConfiguration;
 baseConfigurationReference = 33E5194F232828860026EE4D /* AppInfo.xcconfig */;
 buildSettings = {
 ASSETCATALOG_COMPILER_APPICON_NAME = AppIcon;
 CLANG_ENABLE_MODULES = YES;
 CODE_SIGN_ENTITLEMENTS = Runner/Release.entitlements;
 CODE_SIGN_STYLE = Automatic;
 COMBINE_HIDPI_IMAGES = YES;
 INFOPLIST_FILE = Runner/Info.plist;
 LD_RUNPATH_SEARCH_PATHS = (
 "$(inherited)",
 "@executable_path/../Frameworks",
);
 PROVISIONING_PROFILE_SPECIFIER = "";
 SWIFT_VERSION = 5.0;
 };
 name = Release;
};
33CC111C2044C6BA0003C045 /* Debug */ = {
 isa = XCBuildConfiguration;
 buildSettings = {
 CODE_SIGN_STYLE = Manual;
 PRODUCT_NAME = "$(TARGET_NAME)";
 };
 name = Debug;
};
33CC111D2044C6BA0003C045 /* Release */ = {
 isa = XCBuildConfiguration;
 buildSettings = {
 CODE_SIGN_STYLE = Automatic;
 PRODUCT_NAME = "$(TARGET_NAME)";
 };
 name = Release;
};
/* End XCBuildConfiguration section */

/* Begin XCConfigurationList section */
331C80DE294CF71000263BE5 /* Build configuration list for PBXNativeTarget "RunnerTests" */ = {
 isa = XCConfigurationList;
 buildConfigurations = (
 331C80DB294CF71000263BE5 /* Debug */,
 331C80DC294CF71000263BE5 /* Release */,
 331C80DD294CF71000263BE5 /* Profile */,
);
 defaultConfigurationIsVisible = 0;
 defaultConfigurationName = Release;
};

```

```

};
33CC10E82044A3C60003C045 /* Build configuration list for PBXProject "Runner" */ = {
 isa = XCConfigurationList;
 buildConfigurations = (
 33CC10F92044A3C60003C045 /* Debug */,
 33CC10FA2044A3C60003C045 /* Release */,
 338D0CE9231458BD00FA5F75 /* Profile */,
);
 defaultConfigurationIsVisible = 0;
 defaultConfigurationName = Release;
};
33CC10FB2044A3C60003C045 /* Build configuration list for PBXNativeTarget "Runner" */ = {
 isa = XCConfigurationList;
 buildConfigurations = (
 33CC10FC2044A3C60003C045 /* Debug */,
 33CC10FD2044A3C60003C045 /* Release */,
 338D0CEA231458BD00FA5F75 /* Profile */,
);
 defaultConfigurationIsVisible = 0;
 defaultConfigurationName = Release;
};
33CC111B2044C6BA0003C045 /* Build configuration list for PBXAggregateTarget "Flutter Assemble" */ = {
 isa = XCConfigurationList;
 buildConfigurations = (
 33CC111C2044C6BA0003C045 /* Debug */,
 33CC111D2044C6BA0003C045 /* Release */,
 338D0CEB231458BD00FA5F75 /* Profile */,
);
 defaultConfigurationIsVisible = 0;
 defaultConfigurationName = Release;
};
/* End XCConfigurationList section */
};
rootObject = 33CC10E52044A3C60003C045 /* Project object */;
}

```

#### File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Runner.xcodeproj\project.xcworksp

ace\xcshareddata\IDEWorkspaceChecks.plist

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
 <key>IDEDidComputeMac32BitWarning</key>
 <true/>
</dict>
</plist>

```

#### File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Runner.xcodeproj\xcshareddata\xcs

chemes\Runner.xcscheme

```

<?xml version="1.0" encoding="UTF-8"?>
<Scheme
 LastUpgradeVersion = "1510"
 version = "1.3">

```

```

<BuildAction
 parallelizeBuildables = "YES"
 buildImplicitDependencies = "YES">
<BuildActionEntries>
 <BuildActionEntry
 buildForTesting = "YES"
 buildForRunning = "YES"
 buildForProfiling = "YES"
 buildForArchiving = "YES"
 buildForAnalyzing = "YES">
 <BuildableReference
 BuildableIdentifier = "primary"
 BlueprintIdentifier = "33CC10EC2044A3C60003C045"
 BuildableName = "wismon_keuangan.app"
 BlueprintName = "Runner"
 ReferencedContainer = "container:Runner.xcodeproj">
 </BuildableReference>
 </BuildActionEntry>
</BuildActionEntries>
</BuildAction>
<TestAction
 buildConfiguration = "Debug"
 selectedDebuggerIdentifier = "Xcode.DebuggerFoundation.Debugger.LLDB"
 selectedLauncherIdentifier = "Xcode.DebuggerFoundation.Launcher.LLDB"
 shouldUseLaunchSchemeArgsEnv = "YES">
<MacroExpansion>
 <BuildableReference
 BuildableIdentifier = "primary"
 BlueprintIdentifier = "33CC10EC2044A3C60003C045"
 BuildableName = "wismon_keuangan.app"
 BlueprintName = "Runner"
 ReferencedContainer = "container:Runner.xcodeproj">
 </BuildableReference>
</MacroExpansion>
<Testables>
 <TestableReference
 skipped = "NO"
 parallelizable = "YES">
 <BuildableReference
 BuildableIdentifier = "primary"
 BlueprintIdentifier = "331C80D4294CF70F00263BE5"
 BuildableName = "RunnerTests.xctest"
 BlueprintName = "RunnerTests"
 ReferencedContainer = "container:Runner.xcodeproj">
 </BuildableReference>
 </TestableReference>
</Testables>
</TestAction>
<LaunchAction
 buildConfiguration = "Debug"
 selectedDebuggerIdentifier = "Xcode.DebuggerFoundation.Debugger.LLDB"
 selectedLauncherIdentifier = "Xcode.DebuggerFoundation.Launcher.LLDB"
 launchStyle = "0"
 useCustomWorkingDirectory = "NO"
 ignoresPersistentStateOnLaunch = "NO"
 debugDocumentVersioning = "YES"
 debugServiceExtension = "internal"
 enableGPUValidationMode = "1"
 allowLocationSimulation = "YES">
<BuildableProductRunnable
 runnableDebuggingMode = "0">
<BuildableReference
 BuildableIdentifier = "primary"
 BlueprintIdentifier = "33CC10EC2044A3C60003C045"
 BuildableName = "wismon_keuangan.app"
 BlueprintName = "Runner"

```



```

 ReferencedContainer = "container:Runner.xcodeproj">
 </BuildableReference>
</BuildableProductRunnable>
</LaunchAction>
<ProfileAction
 buildConfiguration = "Profile"
 shouldUseLaunchSchemeArgsEnv = "YES"
 savedToolIdentifier = ""
 useCustomWorkingDirectory = "NO"
 debugDocumentVersioning = "YES">
 <BuildableProductRunnable
 runnableDebuggingMode = "0">
 <BuildableReference
 BuildableIdentifier = "primary"
 BlueprintIdentifier = "33CC10EC2044A3C60003C045"
 BuildableName = "wismon_keuangan.app"
 BlueprintName = "Runner"
 ReferencedContainer = "container:Runner.xcodeproj">
 </BuildableReference>
 </BuildableProductRunnable>
</ProfileAction>
<AnalyzeAction
 buildConfiguration = "Debug">
</AnalyzeAction>
<ArchiveAction
 buildConfiguration = "Release"
 revealArchiveInOrganizer = "YES">
</ArchiveAction>
</Scheme>

```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Runner.xcworkspace\contents.xcwor**

**kspacedata**

```

<?xml version="1.0" encoding="UTF-8"?>
<Workspace
 version = "1.0">
 <FileRef
 location = "group:Runner.xcodeproj">
 </FileRef>
</Workspace>

```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\Runner.xcworkspace\xcshareddata\I**

**DEWorkspaceChecks.plist**

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
 <key>IDEDidComputeMac32BitWarning</key>
 <true/>
</dict>
</plist>

```

**File:****D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\macos\RunnerTests\RunnerTests.swift**

```
import Cocoa
import FlutterMacOS
import XCTest

class RunnerTests: XCTestCase {

 func testExample() {
 // If you add code to the Runner application, consider adding tests here.
 // See https://developer.apple.com/documentation/xctest for more information about using XCTest.
 }

}
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\test\widget\_test.dart**

```
// This is a basic Flutter widget test.
//
// To perform an interaction with a widget in your test, use the WidgetTester
// utility in the flutter_test package. For example, you can send tap and scroll
// gestures. You can also use WidgetTester to find child widgets in the widget
// tree, read text, and verify that the values of widget properties are correct.

import 'package:flutter/material.dart';
import 'package:flutter_test/flutter_test.dart';

import 'package:wismon_keuangan/main.dart';

void main() {
 testWidgets('Counter increments smoke test', (WidgetTester tester) async {
 // Build our app and trigger a frame.
 await tester.pumpWidget(const MyApp());

 // Verify that our counter starts at 0.
 expect(find.text('0'), findsOneWidget);
 expect(find.text('1'), findsNothing);

 // Tap the '+' icon and trigger a frame.
 await tester.tap(find.byIcon(Icons.add));
 await tester.pump();

 // Verify that our counter has incremented.
 expect(find.text('0'), findsNothing);
 expect(find.text('1'), findsOneWidget);
 });
}
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\web\index.html**

```
<!DOCTYPE html>
<html>
<head>
 <!--
 If you are serving your web app in a path other than the root, change the
 href value below to reflect the base path you are serving from.

 The path provided below has to start and end with a slash "/" in order for
 it to work correctly.
```

For more details:

\* <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/base>

This is a placeholder for base href that will be replaced by the value of the `--base-href` argument provided to `flutter build`.

-->

```
<base href="$FLUTTER_BASE_HREF">
```

```
<meta charset="UTF-8">
```

```
<meta content="IE=Edge" http-equiv="X-UA-Compatible">
```

```
<meta name="description" content="A new Flutter project.">
```

```
<!-- iOS meta tags & icons -->
```

```
<meta name="mobile-web-app-capable" content="yes">
```

```
<meta name="apple-mobile-web-app-status-bar-style" content="black">
```

```
<meta name="apple-mobile-web-app-title" content="wismon_keuangan">
```

```
<link rel="apple-touch-icon" href="icons/Icon-192.png">
```

```
<!-- Favicon -->
```

```
<link rel="icon" type="image/png" href="favicon.png"/>
```

```
<title>wismon_keuangan</title>
```

```
<link rel="manifest" href="manifest.json">
```

```
</head>
```

```
<body>
```

```
<script src="flutter_bootstrap.js" async></script>
```

```
</body>
```

```
</html>
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\web\manifest.json**

```
{
 "name": "wismon_keuangan",
 "short_name": "wismon_keuangan",
 "start_url": ".",
 "display": "standalone",
 "background_color": "#0175C2",
 "theme_color": "#0175C2",
 "description": "A new Flutter project.",
 "orientation": "portrait-primary",
 "prefer_related_applications": false,
 "icons": [
 {
 "src": "icons/Icon-192.png",
 "sizes": "192x192",
 "type": "image/png"
 },
 {
 "src": "icons/Icon-512.png",
 "sizes": "512x512",
 "type": "image/png"
 },
 {
 "src": "icons/Icon-maskable-192.png",
 "sizes": "192x192",
 "type": "image/png",
 "purpose": "maskable"
 },
 {
 "src": "icons/Icon-maskable-512.png",
 "sizes": "512x512",
 "type": "image/png",
 "purpose": "maskable"
 }
]
}
```

```
]
}
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\windows\.gitignore**

```
flutter/ephemeral/

Visual Studio user-specific files.
*.suo
*.user
*.useroscscache
*.sln.docstates

Visual Studio build-related files.
x64/
x86/

Visual Studio cache files
files ending in .cache can be ignored
*.[Cc]ache
but keep track of directories ending in .cache
!*. [Cc]ache/
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\windows\CMakeLists.txt**

```
Project-level configuration.
cmake_minimum_required(VERSION 3.14)
project(wismon_keuangan LANGUAGES CXX)

The name of the executable created for the application. Change this to change
the on-disk name of your application.
set(BINARY_NAME "wismon_keuangan")

Explicitly opt in to modern CMake behaviors to avoid warnings with recent
versions of CMake.
cmake_policy(VERSION 3.14...3.25)

Define build configuration option.
get_property(IS_MULTICONFIG GLOBAL PROPERTY GENERATOR_IS_MULTI_CONFIG)
if(IS_MULTICONFIG)
 set(CMAKE_CONFIGURATION_TYPES "Debug;Profile;Release"
 CACHE STRING "" FORCE)
else()
 if(NOT CMAKE_BUILD_TYPE AND NOT CMAKE_CONFIGURATION_TYPES)
 set(CMAKE_BUILD_TYPE "Debug" CACHE
 STRING "Flutter build mode" FORCE)
 set_property(CACHE CMAKE_BUILD_TYPE PROPERTY STRINGS
 "Debug" "Profile" "Release")
 endif()
endif()
Define settings for the Profile build mode.
set(CMAKE_EXE_LINKER_FLAGS_PROFILE "${CMAKE_EXE_LINKER_FLAGS_RELEASE}")
set(CMAKE_SHARED_LINKER_FLAGS_PROFILE "${CMAKE_SHARED_LINKER_FLAGS_RELEASE}")
set(CMAKE_C_FLAGS_PROFILE "${CMAKE_C_FLAGS_RELEASE}")
set(CMAKE_CXX_FLAGS_PROFILE "${CMAKE_CXX_FLAGS_RELEASE}")

Use Unicode for all projects.
add_definitions(-DUNICODE -D_UNICODE)

Compilation settings that should be applied to most targets.
#
Be cautious about adding new options here, as plugins use this function by
default. In most cases, you should add new options to specific targets instead
```

```

of modifying this function.
function(APPLY_STANDARD_SETTINGS TARGET)
 target_compile_features(${TARGET} PUBLIC cxx_std_17)
 target_compile_options(${TARGET} PRIVATE /W4 /WX /wd"4100")
 target_compile_options(${TARGET} PRIVATE /EHsc)
 target_compile_definitions(${TARGET} PRIVATE "_HAS_EXCEPTIONS=0")
 target_compile_definitions(${TARGET} PRIVATE "$<$<CONFIG:Debug>:_DEBUG>")
endfunction()

Flutter library and tool build rules.
set(FLUTTER_MANAGED_DIR "${CMAKE_CURRENT_SOURCE_DIR}/flutter")
add_subdirectory(${FLUTTER_MANAGED_DIR})

Application build; see runner/CMakeLists.txt.
add_subdirectory("runner")

Generated plugin build rules, which manage building the plugins and adding
them to the application.
include(flutter/generated_plugins.cmake)

=== Installation ===
Support files are copied into place next to the executable, so that it can
run in place. This is done instead of making a separate bundle (as on Linux)
so that building and running from within Visual Studio will work.
set(BUILD_BUNDLE_DIR "$<TARGET_FILE_DIR:${BINARY_NAME}>")
Make the "install" step default, as it's required to run.
set(CMAKE_VS_INCLUDE_INSTALL_TO_DEFAULT_BUILD 1)
if(CMAKE_INSTALL_PREFIX_INITIALIZED_TO_DEFAULT)
 set(CMAKE_INSTALL_PREFIX "${BUILD_BUNDLE_DIR}" CACHE PATH "..." FORCE)
endif()

set(INSTALL_BUNDLE_DATA_DIR "${CMAKE_INSTALL_PREFIX}/data")
set(INSTALL_BUNDLE_LIB_DIR "${CMAKE_INSTALL_PREFIX}")

install(TARGETS ${BINARY_NAME} RUNTIME DESTINATION "${CMAKE_INSTALL_PREFIX}"
 COMPONENT Runtime)

install(FILES "${FLUTTER_ICU_DATA_FILE}" DESTINATION "${INSTALL_BUNDLE_DATA_DIR}"
 COMPONENT Runtime)

install(FILES "${FLUTTER_LIBRARY}" DESTINATION "${INSTALL_BUNDLE_LIB_DIR}"
 COMPONENT Runtime)

if(PLUGIN_BUNDLED_LIBRARIES)
 install(FILES "${PLUGIN_BUNDLED_LIBRARIES}"
 DESTINATION "${INSTALL_BUNDLE_LIB_DIR}"
 COMPONENT Runtime)
endif()

Copy the native assets provided by the build.dart from all packages.
set(NATIVE_ASSETS_DIR "${PROJECT_BUILD_DIR}native_assets/windows/")
install(DIRECTORY "${NATIVE_ASSETS_DIR}"
 DESTINATION "${INSTALL_BUNDLE_LIB_DIR}"
 COMPONENT Runtime)

Fully re-copy the assets directory on each build to avoid having stale files
from a previous install.
set(FLUTTER_ASSET_DIR_NAME "flutter_assets")
install(CODE "
 file(REMOVE_RECURSE \"${INSTALL_BUNDLE_DATA_DIR}/${FLUTTER_ASSET_DIR_NAME}\")
 " COMPONENT Runtime)
install(DIRECTORY "${PROJECT_BUILD_DIR}/${FLUTTER_ASSET_DIR_NAME}"
 DESTINATION "${INSTALL_BUNDLE_DATA_DIR}" COMPONENT Runtime)

```

```
Install the AOT library on non-Debug builds only.
install(FILES "${AOT_LIBRARY}" DESTINATION "${INSTALL_BUNDLE_DATA_DIR}"
 CONFIGURATIONS Profile;Release
 COMPONENT Runtime)
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\windows\flutter\CMakeLists.txt**

```
This file controls Flutter-level build steps. It should not be edited.
cmake_minimum_required(VERSION 3.14)

set(EPHEMERAL_DIR "${CMAKE_CURRENT_SOURCE_DIR}/ephemeral")

Configuration provided via flutter tool.
include(${EPHEMERAL_DIR}/generated_config.cmake)

TODO: Move the rest of this into files in ephemeral. See
https://github.com/flutter/flutter/issues/57146.
set(WRAPPER_ROOT "${EPHEMERAL_DIR}/cpp_client_wrapper")

Set fallback configurations for older versions of the flutter tool.
if (NOT DEFINED FLUTTER_TARGET_PLATFORM)
 set(FLUTTER_TARGET_PLATFORM "windows-x64")
endif()

=== Flutter Library ===
set(FLUTTER_LIBRARY "${EPHEMERAL_DIR}/flutter_windows.dll")

Published to parent scope for install step.
set(FLUTTER_LIBRARY ${FLUTTER_LIBRARY} PARENT_SCOPE)
set(FLUTTER_ICU_DATA_FILE "${EPHEMERAL_DIR}/icudtl.dat" PARENT_SCOPE)
set(PROJECT_BUILD_DIR "${PROJECT_DIR}/build/" PARENT_SCOPE)
set(AOT_LIBRARY "${PROJECT_DIR}/build/windows/app.so" PARENT_SCOPE)

list(APPEND FLUTTER_LIBRARY_HEADERS
 "flutter_export.h"
 "flutter_windows.h"
 "flutter_messenger.h"
 "flutter_plugin_registrar.h"
 "flutter_texture_registrar.h"
)
list(TRANSFORM FLUTTER_LIBRARY_HEADERS PREPEND "${EPHEMERAL_DIR}/")
add_library(flutter INTERFACE)
target_include_directories(flutter INTERFACE
 "${EPHEMERAL_DIR}"
)
target_link_libraries(flutter INTERFACE "${FLUTTER_LIBRARY}.lib")
add_dependencies(flutter flutter_assemble)

=== Wrapper ===
list(APPEND CPP_WRAPPER_SOURCES_CORE
 "core_implementations.cc"
 "standard_codec.cc"
)
list(TRANSFORM CPP_WRAPPER_SOURCES_CORE PREPEND "${WRAPPER_ROOT}/")
list(APPEND CPP_WRAPPER_SOURCES_PLUGIN
 "plugin_registrar.cc"
)
list(TRANSFORM CPP_WRAPPER_SOURCES_PLUGIN PREPEND "${WRAPPER_ROOT}/")
list(APPEND CPP_WRAPPER_SOURCES_APP
 "flutter_engine.cc"
 "flutter_view_controller.cc"
)
list(TRANSFORM CPP_WRAPPER_SOURCES_APP PREPEND "${WRAPPER_ROOT}/")
```

```

Wrapper sources needed for a plugin.
add_library(flutter_wrapper_plugin STATIC
 ${CPP_WRAPPER_SOURCES_CORE}
 ${CPP_WRAPPER_SOURCES_PLUGIN}
)
apply_standard_settings(flutter_wrapper_plugin)
set_target_properties(flutter_wrapper_plugin PROPERTIES
 POSITION_INDEPENDENT_CODE ON)
set_target_properties(flutter_wrapper_plugin PROPERTIES
 CXX_VISIBILITY_PRESET hidden)
target_link_libraries(flutter_wrapper_plugin PUBLIC flutter)
target_include_directories(flutter_wrapper_plugin PUBLIC
 "${WRAPPER_ROOT}/include"
)
add_dependencies(flutter_wrapper_plugin flutter_assemble)

Wrapper sources needed for the runner.
add_library(flutter_wrapper_app STATIC
 ${CPP_WRAPPER_SOURCES_CORE}
 ${CPP_WRAPPER_SOURCES_APP}
)
apply_standard_settings(flutter_wrapper_app)
target_link_libraries(flutter_wrapper_app PUBLIC flutter)
target_include_directories(flutter_wrapper_app PUBLIC
 "${WRAPPER_ROOT}/include"
)
add_dependencies(flutter_wrapper_app flutter_assemble)

=== Flutter tool backend ===
phony is a non-existent file to force this command to run every time,
since currently there's no way to get a full input/output list from the
flutter tool.
set(PHONY_OUTPUT "${CMAKE_CURRENT_BINARY_DIR}/_phony_")
set_source_files_properties("${PHONY_OUTPUT}" PROPERTIES SYMBOLIC TRUE)
add_custom_command(
 OUTPUT ${FLUTTER_LIBRARY} ${FLUTTER_LIBRARY_HEADERS}
 ${CPP_WRAPPER_SOURCES_CORE} ${CPP_WRAPPER_SOURCES_PLUGIN}
 ${CPP_WRAPPER_SOURCES_APP}
 ${PHONY_OUTPUT}
 COMMAND ${CMAKE_COMMAND} -E env
 ${FLUTTER_TOOL_ENVIRONMENT}
 "${FLUTTER_ROOT}/packages/flutter_tools/bin/tool_backend.bat"
 ${FLUTTER_TARGET_PLATFORM} $<CONFIG>
 VERBATIM
)
add_custom_target(flutter_assemble DEPENDS
 "${FLUTTER_LIBRARY}"
 ${FLUTTER_LIBRARY_HEADERS}
 ${CPP_WRAPPER_SOURCES_CORE}
 ${CPP_WRAPPER_SOURCES_PLUGIN}
 ${CPP_WRAPPER_SOURCES_APP}
)

```

## File:

D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\windows\flutter\generated\_plugins.cmake

```

#
Generated file, do not edit.
#

list(APPEND FLUTTER_PLUGIN_LIST
)

```

```

list(APPEND FLUTTER_FFI_PLUGIN_LIST
)

set(PLUGIN_BUNDLED_LIBRARIES)

foreach(plugin ${FLUTTER_PLUGIN_LIST})
 add_subdirectory(flutter/ephemeral/.plugin_symlinks/${plugin}/windows plugins/${plugin})
 target_link_libraries(${BINARY_NAME} PRIVATE ${plugin}_plugin)
 list(APPEND PLUGIN_BUNDLED_LIBRARIES $<TARGET_FILE:${plugin}_plugin>)
 list(APPEND PLUGIN_BUNDLED_LIBRARIES ${${plugin}_bundled_libraries})
endforeach(plugin)

foreach(ffi_plugin ${FLUTTER_FFI_PLUGIN_LIST})
 add_subdirectory(flutter/ephemeral/.plugin_symlinks/${ffi_plugin}/windows plugins/${ffi_plugin})
 list(APPEND PLUGIN_BUNDLED_LIBRARIES ${${ffi_plugin}_bundled_libraries})
endforeach(ffi_plugin)

```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\windows\flutter\generated\_plugin\_regist**

**rant.cc**

```

//
// Generated file. Do not edit.
//

// clang-format off

#include "generated_plugin_registrant.h"

void RegisterPlugins(flutter::PluginRegistry* registry) {
}

```

**File:**

**D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\windows\flutter\generated\_plugin\_regist**

**rant.h**

```

//
// Generated file. Do not edit.
//

// clang-format off

#ifndef GENERATED_PLUGIN_REGISTRANT_
#define GENERATED_PLUGIN_REGISTRANT_

#include <flutter/plugin_registry.h>

// Registers Flutter plugins.
void RegisterPlugins(flutter::PluginRegistry* registry);

#endif // GENERATED_PLUGIN_REGISTRANT_

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\windows\runner\CMakeLists.txt**



```

cmake_minimum_required(VERSION 3.14)
project(runner LANGUAGES CXX)

Define the application target. To change its name, change BINARY_NAME in the
top-level CMakeLists.txt, not the value here, or `flutter run` will no longer
work.
#
Any new source files that you add to the application should be added here.
add_executable(${BINARY_NAME} WIN32
 "flutter_window.cpp"
 "main.cpp"
 "utils.cpp"
 "win32_window.cpp"
 "${FLUTTER_MANAGED_DIR}/generated_plugin_registrant.cc"
 "Runner.rc"
 "runner.exe.manifest"
)

Apply the standard set of build settings. This can be removed for applications
that need different build settings.
apply_standard_settings(${BINARY_NAME})

Add preprocessor definitions for the build version.
target_compile_definitions(${BINARY_NAME} PRIVATE "FLUTTER_VERSION=\"${FLUTTER_VERSION}\"")
target_compile_definitions(${BINARY_NAME} PRIVATE "FLUTTER_VERSION_MAJOR=${FLUTTER_VERSION_MAJOR}")
target_compile_definitions(${BINARY_NAME} PRIVATE "FLUTTER_VERSION_MINOR=${FLUTTER_VERSION_MINOR}")
target_compile_definitions(${BINARY_NAME} PRIVATE "FLUTTER_VERSION_PATCH=${FLUTTER_VERSION_PATCH}")
target_compile_definitions(${BINARY_NAME} PRIVATE "FLUTTER_VERSION_BUILD=${FLUTTER_VERSION_BUILD}")

Disable Windows macros that collide with C++ standard library functions.
target_compile_definitions(${BINARY_NAME} PRIVATE "NOMINMAX")

Add dependency libraries and include directories. Add any application-specific
dependencies here.
target_link_libraries(${BINARY_NAME} PRIVATE flutter flutter_wrapper_app)
target_link_libraries(${BINARY_NAME} PRIVATE "dwmapi.lib")
target_include_directories(${BINARY_NAME} PRIVATE "${CMAKE_SOURCE_DIR}")

Run the Flutter tool portions of the build. This must not be removed.
add_dependencies(${BINARY_NAME} flutter_assemble)

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\windows\runner\flutter\_window.cpp**

```

#include "flutter_window.h"

#include <optional>

#include "flutter/generated_plugin_registrant.h"

FlutterWindow::FlutterWindow(const flutter::DartProject& project)
 : project_(project) {}

FlutterWindow::~FlutterWindow() {}

bool FlutterWindow::OnCreate() {
 if (!Win32Window::OnCreate()) {
 return false;
 }

 RECT frame = GetClientArea();

 // The size here must match the window dimensions to avoid unnecessary surface
 // creation / destruction in the startup path.
 flutter_controller_ = std::make_unique<flutter::FlutterViewController>(

```

```

 frame.right - frame.left, frame.bottom - frame.top, project_);
// Ensure that basic setup of the controller was successful.
if (!flutter_controller_>engine() || !flutter_controller_>view()) {
 return false;
}
RegisterPlugins(flutter_controller_>engine());
SetChildContent(flutter_controller_>view()->GetNativeWindow());

flutter_controller_>engine()->SetNextFrameCallback([&]() {
 this->Show();
});

// Flutter can complete the first frame before the "show window" callback is
// registered. The following call ensures a frame is pending to ensure the
// window is shown. It is a no-op if the first frame hasn't completed yet.
flutter_controller_>ForceRedraw();

return true;
}

void FlutterWindow::OnDestroy() {
 if (flutter_controller_) {
 flutter_controller_ = nullptr;
 }

 Win32Window::OnDestroy();
}

LRESULT
FlutterWindow::MessageHandler(HWND hwnd, UINT const message,
 WPARAM const wparam,
 LPARAM const lparam) noexcept {
 // Give Flutter, including plugins, an opportunity to handle window messages.
 if (flutter_controller_) {
 std::optional<LRESULT> result =
 flutter_controller_>HandleTopLevelWindowProc(hwnd, message, wparam,
 lparam);

 if (result) {
 return *result;
 }
 }

 switch (message) {
 case WM_FONTCHANGE:
 flutter_controller_>engine()->ReloadSystemFonts();
 break;
 }

 return Win32Window::MessageHandler(hwnd, message, wparam, lparam);
}

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\windows\runner\flutter\_window.h**

```

#ifndef RUNNER_FLUTTER_WINDOW_H_
#define RUNNER_FLUTTER_WINDOW_H_

#include <flutter/dart_project.h>
#include <flutter/flutter_view_controller.h>

#include <memory>

#include "win32_window.h"

// A window that does nothing but host a Flutter view.

```

```

class FlutterWindow : public Win32Window {
public:
 // Creates a new FlutterWindow hosting a Flutter view running |project|.
 explicit FlutterWindow(const flutter::DartProject& project);
 virtual ~FlutterWindow();

protected:
 // Win32Window:
 bool OnCreate() override;
 void OnDestroy() override;
 LRESULT MessageHandler(HWND window, UINT const message, WPARAM const wparam,
 LPARAM const lparam) noexcept override;

private:
 // The project to run.
 flutter::DartProject project_;

 // The Flutter instance hosted by this window.
 std::unique_ptr<flutter::FlutterViewController> flutter_controller_;
};

#endif // RUNNER_FLUTTER_WINDOW_H_

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\windows\runner\main.cpp**

```

#include <flutter/dart_project.h>
#include <flutter/flutter_view_controller.h>
#include <windows.h>

#include "flutter_window.h"
#include "utils.h"

int APIENTRY wWinMain(_In_ HINSTANCE instance, _In_opt_ HINSTANCE prev,
 In wchar_t *command_line, _In_ int show_command) {
 // Attach to console when present (e.g., 'flutter run') or create a
 // new console when running with a debugger.
 if (!::AttachConsole(ATTACH_PARENT_PROCESS) && ::IsDebuggerPresent()) {
 CreateAndAttachConsole();
 }

 // Initialize COM, so that it is available for use in the library and/or
 // plugins.
 ::CoInitializeEx(nullptr, COINIT_APARTMENTTHREADED);

 flutter::DartProject project(L"data");

 std::vector<std::string> command_line_arguments =
 GetCommandLineArguments();

 project.set_dart_entrypoint_arguments(std::move(command_line_arguments));

 FlutterWindow window(project);
 Win32Window::Point origin(10, 10);
 Win32Window::Size size(1280, 720);
 if (!window.Create(L"wismon_keuangan", origin, size)) {
 return EXIT_FAILURE;
 }
 window.SetQuitOnClose(true);

 ::MSG msg;
 while (::GetMessage(&msg, nullptr, 0, 0)) {
 ::TranslateMessage(&msg);
 ::DispatchMessage(&msg);
 }
}

```

File: D:\Android\sso wis wismon nodejs\wismon keuangan\windows\runner\resource.h

File:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<assembly xmlns="urn:schemas-microsoft-com:asm.v1" manifestVersion="1.0">
 <application xmlns="urn:schemas-microsoft-com:asm.v3">
 <windowsSettings>
 <dpiAwareness xmlns="http://schemas.microsoft.com/SMI/2016/WindowsSettings">PerMonitorV2</dpiAwareness>
 </windowsSettings>
 </application>
 <compatibility xmlns="urn:schemas-microsoft-com:compatibility.v1">
 <application>
 <!-- Windows 10 and Windows 11 -->
 <supportedOS Id="{8e0f7a12-bfb3-4fe8-b9a5-48fd50a15a9a}" />
 </application>
 </compatibility>
</assembly>
```

[illegible]

```

////////////////////////////////////
// English (United States) resources

#if !defined(AFX_RESOURCE_DLL) || defined(AFX_TARG_ENU)
LANGUAGE LANG_ENGLISH, SUBLANG_ENGLISH_US

#ifdef APSTUDIO_INVOKED
////////////////////////////////////
//
// TEXTINCLUDE
//

1 TEXTINCLUDE
BEGIN
 "resource.h\0"
END

2 TEXTINCLUDE
BEGIN
 "#include \"winres.h\"\r\n"
 "\0"
END

3 TEXTINCLUDE
BEGIN
 "\r\n"
 "\0"
END

#endif // APSTUDIO_INVOKED

////////////////////////////////////
//
// Icon
//

// Icon with lowest ID value placed first to ensure application icon
// remains consistent on all systems.
IDI_APP_ICON ICON "resources\\app_icon.ico"

////////////////////////////////////
//
// Version
//

#if defined(FLUTTER_VERSION_MAJOR) && defined(FLUTTER_VERSION_MINOR) && defined(FLUTTER_VERSION_PATCH) &&
defined(FLUTTER_VERSION_BUILD)
#define VERSION_AS_NUMBER
FLUTTER_VERSION_MAJOR,FLUTTER_VERSION_MINOR,FLUTTER_VERSION_PATCH,FLUTTER_VERSION_BUILD
#else
#define VERSION_AS_NUMBER 1,0,0,0
#endif

#if defined(FLUTTER_VERSION)
#define VERSION_AS_STRING FLUTTER_VERSION
#else
#define VERSION_AS_STRING "1.0.0"
#endif

VS_VERSION_INFO VERSIONINFO
 FILEVERSION VERSION_AS_NUMBER
 PRODUCTVERSION VERSION_AS_NUMBER
 FILEFLAGSMASK VS_FFI_FILEFLAGSMASK
#ifdef _DEBUG

```

```

 FILEFLAGS VS_FF_DEBUG
#else
 FILEFLAGS 0x0L
#endif
 FILEOS VOS__WINDOWS32
 FILETYPE VFT_APP
 FILESUBTYPE 0x0L
BEGIN
 BLOCK "StringFileInfo"
 BEGIN
 BLOCK "040904e4"
 BEGIN
 VALUE "CompanyName", "com.example" "\0"
 VALUE "FileDescription", "wismon_keuangan" "\0"
 VALUE "FileVersion", VERSION_AS_STRING "\0"
 VALUE "InternalName", "wismon_keuangan" "\0"
 VALUE "LegalCopyright", "Copyright (C) 2025 com.example. All rights reserved." "\0"
 VALUE "OriginalFilename", "wismon_keuangan.exe" "\0"
 VALUE "ProductName", "wismon_keuangan" "\0"
 VALUE "ProductVersion", VERSION_AS_STRING "\0"
 END
 END
 BLOCK "VarFileInfo"
 BEGIN
 VALUE "Translation", 0x409, 1252
 END
END

#endif // English (United States) resources
////////////////////////////////////

#ifdef APSTUDIO_INVOKED
////////////////////////////////////
//
// Generated from the TEXTINCLUDE 3 resource.
//
////////////////////////////////////
#endif // not APSTUDIO_INVOKED

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\windows\runner\utils.cpp**

```

#include "utils.h"

#include <flutter_windows.h>
#include <io.h>
#include <stdio.h>
#include <windows.h>

#include <iostream>

void CreateAndAttachConsole() {
 if (::AllocConsole()) {
 FILE *unused;
 if (freopen_s(&unused, "CONOUT$", "w", stdout)) {
 _dup2(_fileno(stdout), 1);
 }
 if (freopen_s(&unused, "CONOUT$", "w", stderr)) {
 _dup2(_fileno(stdout), 2);
 }
 std::ios::sync_with_stdio();
 }
}

```

```

FlutterDesktopResyncOutputStreams();
}
}

std::vector<std::string> GetCommandLineArguments() {
 // Convert the UTF-16 command line arguments to UTF-8 for the Engine to use.
 int argc;
 wchar_t** argv = ::CommandLineToArgvW(::GetCommandLineW(), &argc);
 if (argv == nullptr) {
 return std::vector<std::string>();
 }

 std::vector<std::string> command_line_arguments;

 // Skip the first argument as it's the binary name.
 for (int i = 1; i < argc; i++) {
 command_line_arguments.push_back(Utf8FromUtf16(argv[i]));
 }

 ::LocalFree(argv);

 return command_line_arguments;
}

std::string Utf8FromUtf16(const wchar_t* utf16_string) {
 if (utf16_string == nullptr) {
 return std::string();
 }
 unsigned int target_length = ::WideCharToMultiByte(
 CP_UTF8, WC_ERR_INVALID_CHARS, utf16_string,
 -1, nullptr, 0, nullptr, nullptr)
 -1; // remove the trailing null character
 int input_length = (int)wcslen(utf16_string);
 std::string utf8_string;
 if (target_length == 0 || target_length > utf8_string.max_size()) {
 return utf8_string;
 }
 utf8_string.resize(target_length);
 int converted_length = ::WideCharToMultiByte(
 CP_UTF8, WC_ERR_INVALID_CHARS, utf16_string,
 input_length, utf8_string.data(), target_length, nullptr, nullptr);
 if (converted_length == 0) {
 return std::string();
 }
 return utf8_string;
}

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\windows\runner\utils.h**

```

#ifndef RUNNER_UTILS_H_
#define RUNNER_UTILS_H_

#include <string>
#include <vector>

// Creates a console for the process, and redirects stdout and stderr to
// it for both the runner and the Flutter library.
void CreateAndAttachConsole();

// Takes a null-terminated wchar_t* encoded in UTF-16 and returns a std::string
// encoded in UTF-8. Returns an empty std::string on failure.
std::string Utf8FromUtf16(const wchar_t* utf16_string);

// Gets the command line arguments passed in as a std::vector<std::string>,

```

```
// encoded in UTF-8. Returns an empty std::vector<std::string> on failure.
std::vector<std::string> GetCommandLineArguments();

#endif // RUNNER_UTILS_H_
```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\windows\runner\win32\_window.cpp**

```
#include "win32_window.h"

#include <dwmapi.h>
#include <flutter_windows.h>

#include "resource.h"

namespace {

/// Window attribute that enables dark mode window decorations.
///
/// Redefined in case the developer's machine has a Windows SDK older than
/// version 10.0.22000.0.
/// See: https://docs.microsoft.com/windows/win32/api/dwmapi/ne-dwmapi-dwmwindowattribute
#ifndef DWMWA_USE_IMMERSIVE_DARK_MODE
#define DWMWA_USE_IMMERSIVE_DARK_MODE 20
#endif

constexpr const wchar_t kWindowClassName[] = L"FLUTTER_RUNNER_WIN32_WINDOW";

/// Registry key for app theme preference.
///
/// A value of 0 indicates apps should use dark mode. A non-zero or missing
/// value indicates apps should use light mode.
constexpr const wchar_t kGetPreferredBrightnessRegKey[] =
 L"Software\\Microsoft\\Windows\\CurrentVersion\\Themes\\Personalize";
constexpr const wchar_t kGetPreferredBrightnessRegValue[] = L"AppsUseLightTheme";

// The number of Win32Window objects that currently exist.
static int g_active_window_count = 0;

using EnableNonClientDpiScaling = BOOL __stdcall(HWND hwnd);

// Scale helper to convert logical scaler values to physical using passed in
// scale factor
int Scale(int source, double scale_factor) {
 return static_cast<int>(source * scale_factor);
}

// Dynamically loads the |EnableNonClientDpiScaling| from the User32 module.
// This API is only needed for PerMonitor V1 awareness mode.
void EnableFullDpiSupportIfAvailable(HWND hwnd) {
 HMODULE user32_module = LoadLibraryA("User32.dll");
 if (!user32_module) {
 return;
 }
 auto enable_non_client_dpi_scaling =
 reinterpret_cast<EnableNonClientDpiScaling*>(
 GetProcAddress(user32_module, "EnableNonClientDpiScaling"));
 if (enable_non_client_dpi_scaling != nullptr) {
 enable_non_client_dpi_scaling(hwnd);
 }
 FreeLibrary(user32_module);
}

} // namespace
```



```

// Manages the Win32Window's window class registration.
class WindowClassRegistrar {
public:
 ~WindowClassRegistrar() = default;

 // Returns the singleton registrar instance.
 static WindowClassRegistrar* GetInstance() {
 if (!instance_) {
 instance_ = new WindowClassRegistrar();
 }
 return instance_;
 }

 // Returns the name of the window class, registering the class if it hasn't
 // previously been registered.
 const wchar_t* GetWindowClass();

 // Unregisters the window class. Should only be called if there are no
 // instances of the window.
 void UnregisterWindowClass();

private:
 WindowClassRegistrar() = default;

 static WindowClassRegistrar* instance_;

 bool class_registered_ = false;
};

WindowClassRegistrar* WindowClassRegistrar::instance_ = nullptr;

const wchar_t* WindowClassRegistrar::GetWindowClass() {
 if (!class_registered_) {
 WNDCLASS window_class{};
 window_class.hCursor = LoadCursor(nullptr, IDC_ARROW);
 window_class.lpszClassName = kWindowClassName;
 window_class.style = CS_HREDRAW | CS_VREDRAW;
 window_class.cbClsExtra = 0;
 window_class.cbWndExtra = 0;
 window_class.hInstance = GetModuleHandle(nullptr);
 window_class.hIcon =
 LoadIcon(window_class.hInstance, MAKEINTRESOURCE(IDI_APP_ICON));
 window_class.hbrBackground = 0;
 window_class.lpszMenuName = nullptr;
 window_class.lpfnWndProc = Win32Window::WndProc;
 RegisterClass(&window_class);
 class_registered_ = true;
 }
 return kWindowClassName;
}

void WindowClassRegistrar::UnregisterWindowClass() {
 UnregisterClass(kWindowClassName, nullptr);
 class_registered_ = false;
}

Win32Window::Win32Window() {
 ++g_active_window_count;
}

Win32Window::~Win32Window() {
 --g_active_window_count;
 Destroy();
}

bool Win32Window::Create(const std::wstring& title,

```

```

 const Point& origin,
 const Size& size) {

Destroy();

const wchar_t* window_class =
 WindowClassRegistrar::GetInstance()->GetWindowClass();

const POINT target_point = {static_cast<LONG>(origin.x),
 static_cast<LONG>(origin.y)};
HMONITOR monitor = MonitorFromPoint(target_point, MONITOR_DEFAULTTONEAREST);
UINT dpi = FlutterDesktopGetDpiForMonitor(monitor);
double scale_factor = dpi / 96.0;

HWND window = CreateWindow(
 window_class, title.c_str(), WS_OVERLAPPEDWINDOW,
 Scale(origin.x, scale_factor), Scale(origin.y, scale_factor),
 Scale(size.width, scale_factor), Scale(size.height, scale_factor),
 nullptr, nullptr, GetModuleHandle(nullptr), this);

if (!window) {
 return false;
}

UpdateTheme(window);

return OnCreate();
}

bool Win32Window::Show() {
 return ShowWindow(window_handle_, SW_SHOWNORMAL);
}

// static
LRESULT CALLBACK Win32Window::WndProc(HWND const window,
 UINT const message,
 WPARAM const wparam,
 LPARAM const lparam) noexcept {

 if (message == WM_NCCREATE) {
 auto window_struct = reinterpret_cast<CREATESTRUCT*>(lparam);
 SetWindowLongPtr(window, GWLP_USERDATA,
 reinterpret_cast<LONG_PTR>(window_struct->lpCreateParams));

 auto that = static_cast<Win32Window*>(window_struct->lpCreateParams);
 EnableFullDpiSupportIfAvailable(window);
 that->window_handle_ = window;
 } else if (Win32Window* that = GetThisFromHandle(window)) {
 return that->MessageHandler(window, message, wparam, lparam);
 }

 return DefWindowProc(window, message, wparam, lparam);
}

LRESULT
Win32Window::MessageHandler(HWND hwnd,
 UINT const message,
 WPARAM const wparam,
 LPARAM const lparam) noexcept {

 switch (message) {
 case WM_DESTROY:
 window_handle_ = nullptr;
 Destroy();
 if (quit_on_close_) {
 PostQuitMessage(0);
 }
 return 0;
 }

```

```

case WM_DPICHANGED: {
 auto newRectSize = reinterpret_cast<RECT*>(lparam);
 LONG newWidth = newRectSize->right - newRectSize->left;
 LONG newHeight = newRectSize->bottom - newRectSize->top;

 SetWindowPos(hwnd, nullptr, newRectSize->left, newRectSize->top, newWidth,
 newHeight, SWP_NOZORDER | SWP_NOACTIVATE);

 return 0;
}
case WM_SIZE: {
 RECT rect = GetClientArea();
 if (child_content_ != nullptr) {
 // Size and position the child window.
 MoveWindow(child_content_, rect.left, rect.top, rect.right - rect.left,
 rect.bottom - rect.top, TRUE);
 }
 return 0;
}

case WM_ACTIVATE:
 if (child_content_ != nullptr) {
 SetFocus(child_content_);
 }
 return 0;

case WM_DWMCOLORIZATIONCOLORCHANGED:
 UpdateTheme(hwnd);
 return 0;
}

return DefWindowProc(window_handle_, message, wparam, lparam);
}

void Win32Window::Destroy() {
 OnDestroy();

 if (window_handle_) {
 DestroyWindow(window_handle_);
 window_handle_ = nullptr;
 }
 if (g_active_window_count == 0) {
 WindowClassRegistrar::GetInstance()->UnregisterWindowClass();
 }
}

Win32Window* Win32Window::GetThisFromHandle(HWND const window) noexcept {
 return reinterpret_cast<Win32Window*>(
 GetWindowLongPtr(window, GWLP_USERDATA));
}

void Win32Window::SetChildContent(HWND content) {
 child_content_ = content;
 SetParent(content, window_handle_);
 RECT frame = GetClientArea();

 MoveWindow(content, frame.left, frame.top, frame.right - frame.left,
 frame.bottom - frame.top, true);

 SetFocus(child_content_);
}

RECT Win32Window::GetClientArea() {
 RECT frame;
 GetClientRect(window_handle_, &frame);
 return frame;
}

```

```

}

HWND Win32Window::GetHandle() {
 return window_handle_;
}

void Win32Window::SetQuitOnClose(bool quit_on_close) {
 quit_on_close_ = quit_on_close;
}

bool Win32Window::OnCreate() {
 // No-op; provided for subclasses.
 return true;
}

void Win32Window::OnDestroy() {
 // No-op; provided for subclasses.
}

void Win32Window::UpdateTheme(HWND const window) {
 DWORD light_mode;
 DWORD light_mode_size = sizeof(light_mode);
 LSTATUS result = RegGetValue(HKEY_CURRENT_USER, kGetPreferredBrightnessRegKey,
 kGetPreferredBrightnessRegValue,
 RRF_RT_REG_DWORD, nullptr, &light_mode,
 &light_mode_size);

 if (result == ERROR_SUCCESS) {
 BOOL enable_dark_mode = light_mode == 0;
 DwmSetWindowAttribute(window, DWMWA_USE_IMMERSIVE_DARK_MODE,
 &enable_dark_mode, sizeof(enable_dark_mode));
 }
}

```

**File: D:\Android\sso\_wis\_wismon\_nodejs\wismon\_keuangan\windows\runner\win32\_window.h**

```

#ifndef RUNNER_WIN32_WINDOW_H_
#define RUNNER_WIN32_WINDOW_H_

#include <windows.h>

#include <functional>
#include <memory>
#include <string>

// A class abstraction for a high DPI-aware Win32 Window. Intended to be
// inherited from by classes that wish to specialize with custom
// rendering and input handling
class Win32Window {
public:
 struct Point {
 unsigned int x;
 unsigned int y;
 Point(unsigned int x, unsigned int y) : x(x), y(y) {}
 };

 struct Size {
 unsigned int width;
 unsigned int height;
 Size(unsigned int width, unsigned int height)
 : width(width), height(height) {}
 };

 Win32Window();

```

```

virtual ~Win32Window();

// Creates a win32 window with |title| that is positioned and sized using
// |origin| and |size|. New windows are created on the default monitor. Window
// sizes are specified to the OS in physical pixels, hence to ensure a
// consistent size this function will scale the inputted width and height as
// as appropriate for the default monitor. The window is invisible until
// |Show| is called. Returns true if the window was created successfully.
bool Create(const std::wstring& title, const Point& origin, const Size& size);

// Show the current window. Returns true if the window was successfully shown.
bool Show();

// Release OS resources associated with window.
void Destroy();

// Inserts |content| into the window tree.
void SetChildContent(HWND content);

// Returns the backing Window handle to enable clients to set icon and other
// window properties. Returns nullptr if the window has been destroyed.
HWND GetHandle();

// If true, closing this window will quit the application.
void SetQuitOnClose(bool quit_on_close);

// Return a RECT representing the bounds of the current client area.
RECT GetClientArea();

protected:
// Processes and route salient window messages for mouse handling,
// size change and DPI. Delegates handling of these to member overloads that
// inheriting classes can handle.
virtual LRESULT MessageHandler(HWND window,
 UINT const message,
 WPARAM const wparam,
 LPARAM const lparam) noexcept;

// Called when CreateAndShow is called, allowing subclass window-related
// setup. Subclasses should return false if setup fails.
virtual bool OnCreate();

// Called when Destroy is called.
virtual void OnDestroy();

private:
friend class WindowClassRegistrar;

// OS callback called by message pump. Handles the WM_NCCREATE message which
// is passed when the non-client area is being created and enables automatic
// non-client DPI scaling so that the non-client area automatically
// responds to changes in DPI. All other messages are handled by
// MessageHandler.
static LRESULT CALLBACK WndProc(HWND const window,
 UINT const message,
 WPARAM const wparam,
 LPARAM const lparam) noexcept;

// Retrieves a class instance pointer for |window|
static Win32Window* GetThisFromHandle(HWND const window) noexcept;

// Update the window frame's theme to match the system theme.
static void UpdateTheme(HWND const window);

bool quit_on_close_ = false;

```

```
// window handle for top level window.
HWND window_handle_ = nullptr;

// window handle for hosted content.
HWND child_content_ = nullptr;
};

#endif // RUNNER_WIN32_WINDOW_H_
```