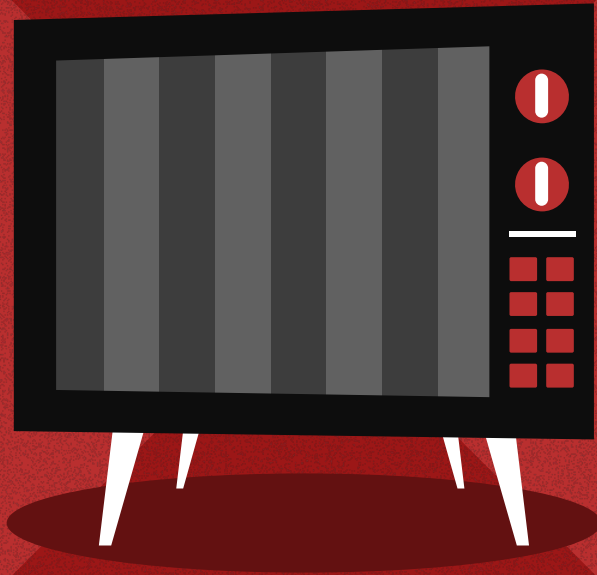# MONEY MAGEMENT

WEBSITE PENCATAT PENGELUARAN

Proyek SBD

ABOUT US

Money Management adalah sebuah website yang dapat membantu kita dalam mencatat keuangan kita. Website ini akan memudahkan kita dalam menghitung seberapa banyak income dan outcome yang kita keluarkan, tiap bulannya. Fitur tanggal dan category juga membantu kita dalam menentukan keputusan kedepannya. Fitur Sign Up dan Sign In juga dapat membantu kemanan, sehingga data kita tidak tercampur dengan data orang lain.

FEATURE

CREATE

- signUp()
- addTransaction()

READ

- login()
- getData()

UPDATE

- editTransaction()
- updateCredit()

DELETE

- delete transaction()

LIST TABLE

CREDIT

```
postgres=# CREATE TABLE credit (
postgres(# email character varying(250),
postgres(# credit bigint
postgres(# );
```

DT

```
moneymanagement=# \dt
             List of relations
 Schema |    Name     | Type  | Owner
--------+-------------+-------+----------
 public | credit      | table | postgres
 public | moneytable  | table | postgres
 public | user        | table | postgres
(3 rows)
```
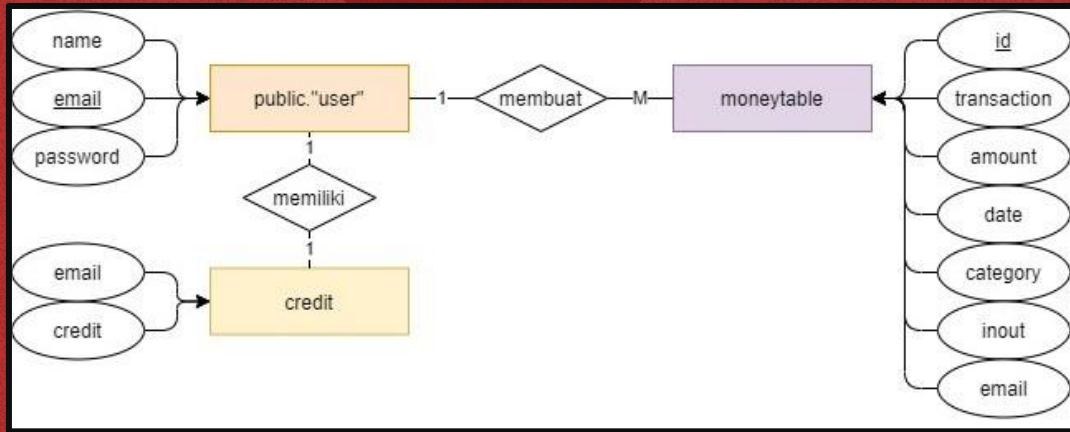
MONEYTABLE

```
postgres=# CREATE TABLE moneytable (
postgres(# id serial,
postgres(# transaction varchar(50) NOT NULL,
postgres(# amount bigint NOT NULL,
postgres(# date date,
postgres(# category varchar(15),
postgres(# inout varchar(8),
postgres(# email character varying(250)
postgres(# );
```

USER

```
postgres=# CREATE TABLE public."user"
postgres-# (
postgres(#    name character varying(250),
postgres(#    email character varying(250) UNIQUE,
postgres(#    password character varying(250),
postgres(#    CONSTRAINT email PRIMARY KEY (email)
postgres(# )
postgres-# WITH (
postgres(#   OIDS = FALSE
postgres(# );
```
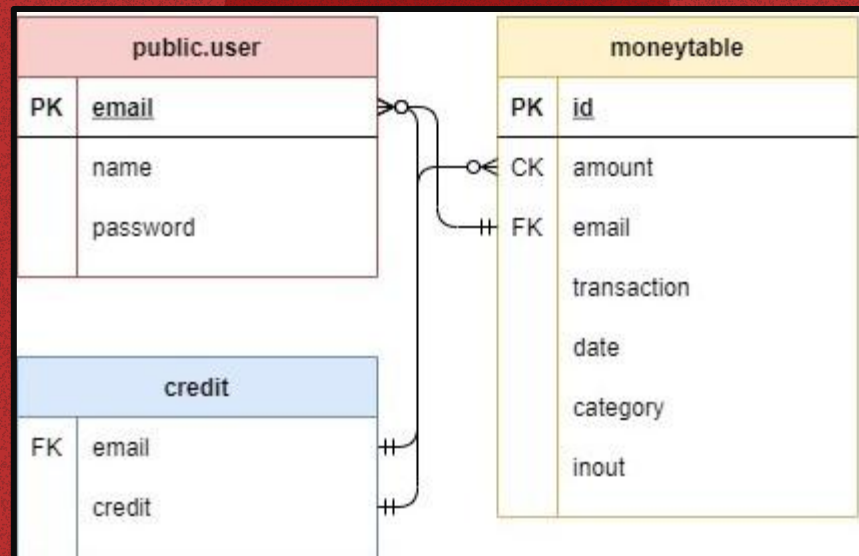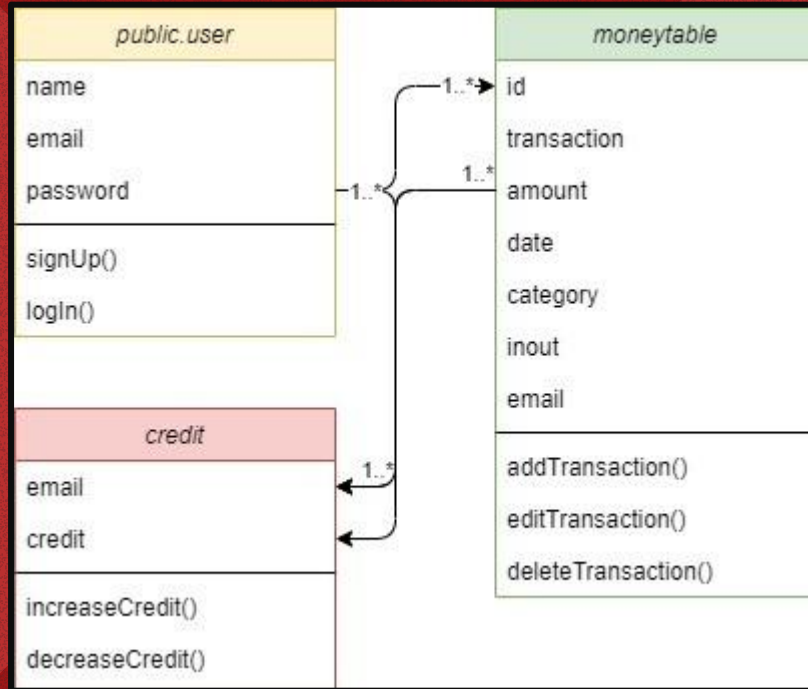
ER DIAGRAM

ER Diagram

RELATIONAL MODEL DIAGRAM

Relational Model Diagram dari COW

public.user

name

email

password

signUp()

logIn()

credit

email

credit

increaseCredit()

decreaseCredit()

moneytable

id

transaction

amount

date

category

inout

email

addTransaction()

editTransaction()

deleteTransaction()

1..*

1..*

1..*

1..*

UML DIAGRAM

UML Diagram dari COW
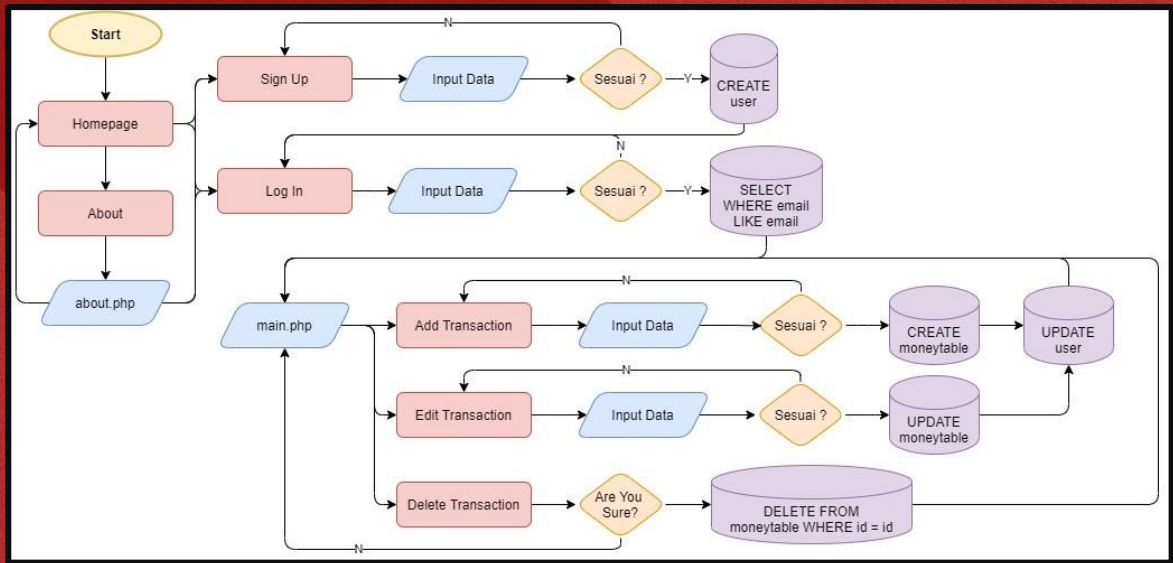
FLOWCHART

Flowchart dari COW

```php
1   <?php
2   session_start();
3   $email_mail = $_SESSION['email'];
4   $_SESSION['email_create'] = $email_mail;
5   $_SESSION['email_get'] = $email_mail;
6
7   require 'config.php';
8   $res = pg_query($dbconn, "SELECT credit FROM credit WHERE email = '".$email_mail."'");
9   $val = pg_fetch_result($res, 0, 0);
10  ?>
11  <!DOCTYPE html>
12  <html>
13
14  <head>
15
16      <title>Money Management</title>
17
18      <link rel="shortcut icon" type="image/png" href="assets/images/dollar.png"/>
19
20      <link rel="stylesheet" type="text/css" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
21      <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Sofia&effect=neon|outline|emboss|shadow-multiple">
22      <script type="text/javascript" src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.1.0/jquery.js"></script>
23      <script type="text/javascript" src="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/4.0.0-alpha/js/bootstrap.min.js"></script>
24      <script type="text/javascript" src="https://cdnjs.cloudflare.com/ajax/libs/twbs-pagination/1.3.1/jquery.twbsPagination.min.js"></script>
25      <script src="https://cdnjs.cloudflare.com/ajax/libs/1000hz-bootstrap-validator/0.11.5/validator.min.js"></script>
26      <script type="text/javascript" src="//cdnjs.cloudflare.com/ajax/libs/toastr.js/latest/js/toastr.min.js"></script>
27      <link href="//cdnjs.cloudflare.com/ajax/libs/toastr.js/latest/css/toastr.min.css" rel="stylesheet">
28
29      <link rel="stylesheet" type="text/css" href="assets/css/styles.css">
30
31      <script type="text/javascript">
32          var url = "http://localhost:3000/"; // Perlu Disesuasikan
33      </script>
34      <script src="js/item-ajax.js"></script>
35  </head>
```

File explorer:

- api
  - create.php
  - delete.php
  - getData.php
  - login.php
  - logout.php
  - registration.php
  - update.php
- assets
  - css
  - fonts
  - images
  - vendor
- js
  - item-ajax.js
  - main.js
- main
- about.php
- .gitattributes
- config.php
- index.php
- main.php
- moneymanagement.sql
- README.md

CODE PREVIEW

```php
<?php
    $host = "localhost";
    $port = "5432";
    $dbname = "moneymanagement";
    $user = "postgres";
    $password = "postgres";
    $connection_string = "host={$host} port={$port} dbname={$dbname} user={$user} password={$password} ";
    $dbconn = pg_connect($connection_string);
    if(isset($_POST['submit'])&&!empty($_POST['submit'])){

        $sql = "insert into public.user(name,email,password)values('".$_POST['name']."','".$_POST['email']."','".md5($_POST['pwd'])."')";
        $ret = pg_query($dbconn, $sql);
        $sql = "insert into credit(email,credit)values('".$_POST['email']."',0)";
        $ret = pg_query($dbconn, $sql);
        if($ret){
                echo "Data saved Successfully";
                header("Location: login.php");
        }else{

                echo "Something Went Wrong";
        }
    }
?>
<!DOCTYPE html>
<html lang="en">
<head>
<title>Registration Page</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
<!--------------------------------------------------------------->
    <link rel="shortcut icon" type="image/png" href="../assets/images/dollar.png"/>
<!--------------------------------------------------------------->
    <link rel="stylesheet" type="text/css" href="../assets/vendor/bootstrap/css/bootstrap.min.css">
<!--------------------------------------------------------------->
    <link rel="stylesheet" type="text/css" href="../assets/fonts/font-awesome-4.7.0/css/font-awesome.min.css">
<!--------------------------------------------------------------->
```

```php
1  <?php
2      session_start();
3      // remove all session variables
4      session_unset();
5
6      // destroy the session
7      session_destroy();
8      header('Refresh: 1; URL = ../index.php');
9  ?>
```
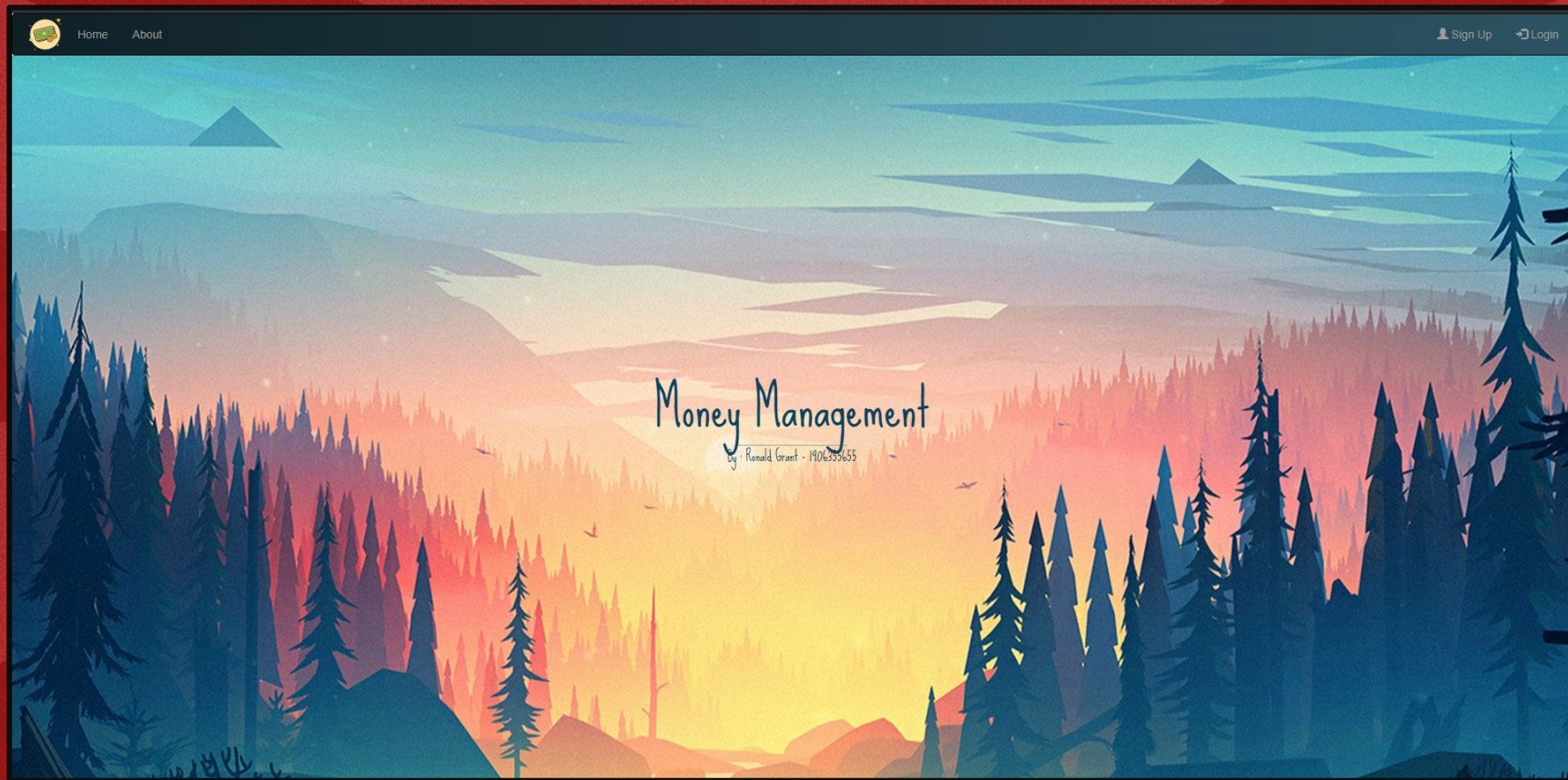
WEB PREVIEW

Sign In

admin@admin.com

•••••

Forgot Username / Password?

SIGN IN

Don't Have an Account?

SIGN UP NOW

Sign Up

Ronald

ronald@gmail.com

••••••

Forgot Username / Password?

SIGN UP

Have an Account?

SIGN IN NOW

WEB PREVIEW

	Rp.15222000	ronald@gmail.com	⏻ LogOut

Money Management

Add Transaction

Transaction	Amount	Date	Category	Type		
Pulsa Listrik	Rp.350000	2021-08-07	Housing	Outcome	Edit	Delete
Prudential	Rp.15000	2021-08-07	Insurance	Outcome	Edit	Delete
Internet Bulan Agustus	Rp.345000	2021-08-05	Housing	Outcome	Edit	Delete
Netflix Subscription	Rp.15000	2021-08-05	Entertainment	Outcome	Edit	Delete
Spicy Wing MCD	Rp.53000	2021-08-01	Food	Outcome	Edit	Delete
Gaji Bulan Juni	Rp.16000000	2021-06-25	Salary	Income	Edit	Delete

THANKS!

Do you have any questions?
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