

[Description](#)

[Intended User](#)

[Features](#)

[User Interface Mocks](#)

[Screen 1](#)

[Screen 2](#)

[Key Considerations](#)

[How will your app handle data persistence?](#)

[Describe any corner cases in the UX.](#)

[Describe any libraries you'll be using and share your reasoning for including them.](#)

[Describe how you will implement Google Play Services.](#)

[Next Steps: Required Tasks](#)

[Task 1: Project Setup](#)

[Task 2: Implement UI for Each Activity and Fragment](#)

[Task 3: Your Next Task](#)

[Task 4: Your Next Task](#)

[Task 5: Your Next Task](#)

GitHub Username: [nahlanabil84](#)

Task Siren

Description

Task Siren acts as shout out to alarm you with your tasks. It encourages you to be more active and make use of your time and organize it. It helps you not to forget any task whether its within project, single task or multi tasks.

Intended User

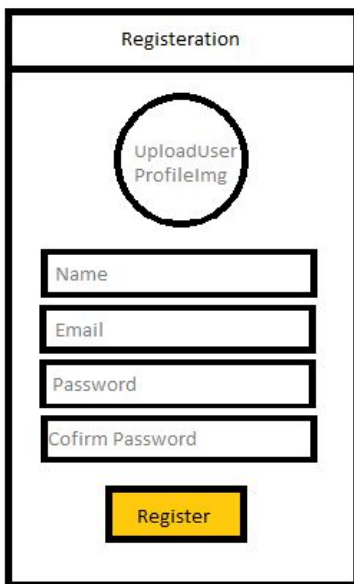
This app targets different people among students, employees, employers even each person who aims to organize their daily life.

Features

- Create tasks and write down notes, add mutlimedia , phone number or location for each
- Ability to split each task to subtasks
- Ability to Create Multi tasks once
- Remind with each task at propre time
- Sort tasks by date , title or priority
- Save history and Old tasks

User Interface Mocks

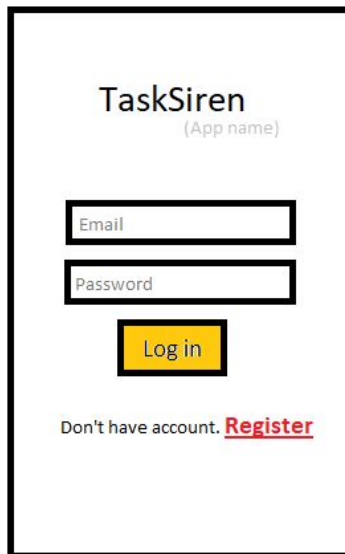
Screen 1



A wireframe of a registration screen. At the top is a header bar labeled "Registration". Below it is a circular placeholder for a profile picture, labeled "UploadUser ProfileImg". Underneath are four rectangular input fields stacked vertically, labeled "Name", "Email", "Password", and "Cofirm Password". At the bottom is a yellow rectangular button labeled "Register".

Registration Screen

Screen 2



TaskSiren
(App name)

Email

Password

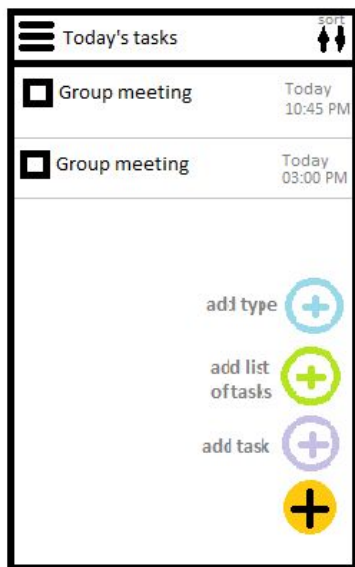
Log in

Don't have account. [Register](#)

The login screen for the TaskSiren app. It features the app name 'TaskSiren' with '(App name)' in parentheses below it. There are two input fields: 'Email' and 'Password'. Below these is a yellow 'Log in' button. At the bottom, it says 'Don't have account. Register' with 'Register' as a red link.

Login Screen

Screen 3



Today's tasks

Group meeting Today 10:45 PM

Group meeting Today 03:00 PM

add type

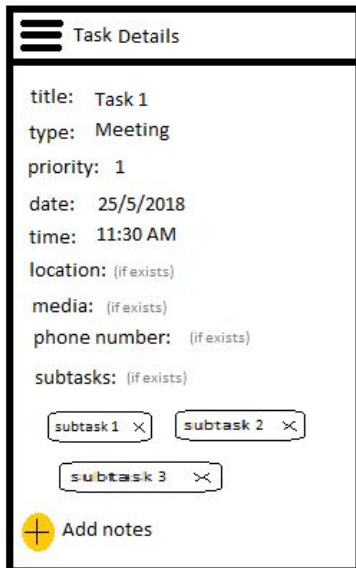
add list of tasks

add task

The home screen displays 'Today's tasks' at the top. Below this is a list of tasks, each with a checkbox and a time: 'Group meeting Today 10:45 PM' and 'Group meeting Today 03:00 PM'. At the bottom, there are four circular buttons with plus signs: 'add type' (light blue), 'add list of tasks' (green), 'add task' (purple), and a large yellow button with a black plus sign.

Home Screen

Screen 4



Task Details

title: Task 1
type: Meeting
priority: 1
date: 25/5/2018
time: 11:30 AM
location: (if exists)
media: (if exists)
phone number: (if exists)
subtasks: (if exists)

subtask 1 × subtask 2 ×

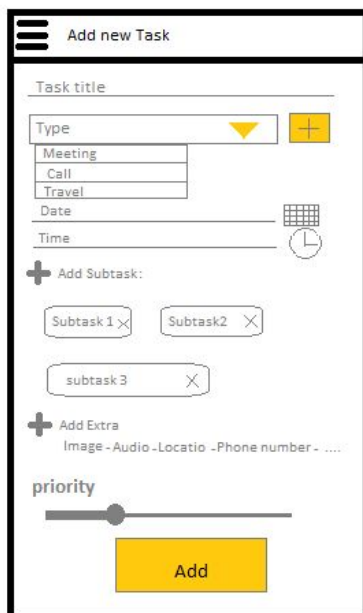
subtask 3 ×

+ Add notes

This screen displays the details of a task. It includes a header 'Task Details' with a hamburger menu icon. The details are listed in a plain text format: title (Task 1), type (Meeting), priority (1), date (25/5/2018), time (11:30 AM), location (if exists), media (if exists), phone number (if exists), and subtasks (if exists). Below the subtasks label, there are three subtask entries: 'subtask 1', 'subtask 2', and 'subtask 3', each with a close icon (×). At the bottom, there is a yellow button with a plus icon and the text 'Add notes'.



Task details Screen

Screen 5





Add new Task

Task title

Type  

Meeting
Call
Travel

Date 

Time 


+ Add Subtask:

Subtask 1 × Subtask 2 ×

subtask 3 ×

+ Add Extra
Image - Audio - Locatio - Phone number -

priority



Add

This screen is for adding a new task. It has a header 'Add new Task' with a hamburger menu icon. The form includes a 'Task title' label, a 'Type' dropdown menu with a plus icon to add more types, and a list of types: Meeting, Call, and Travel. There are input fields for 'Date' (with a calendar icon) and 'Time' (with a clock icon). Below these is a section '+ Add Subtask:' with three subtask entries: 'Subtask 1', 'Subtask 2', and 'subtask 3', each with a close icon (×). Another section '+ Add Extra' allows adding more details like Image, Audio, Location, Phone number, etc. At the bottom, there is a 'priority' slider and a yellow 'Add' button.

Add new task Screen

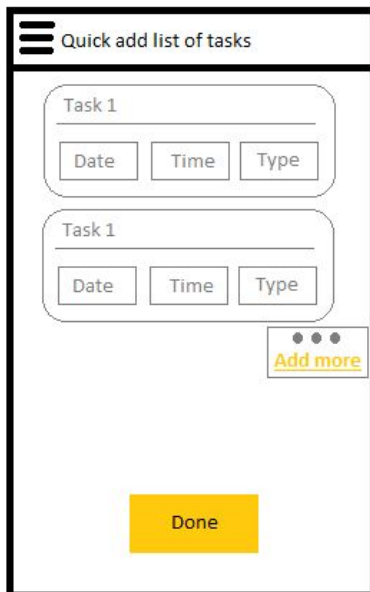
Screen 6



Screen 6 is a mobile app screen titled "Add new type". It features a header bar with a hamburger menu icon and the title. Below the header, there are two input fields: "Type title" and "Type color". The "Type color" field includes a blue circular color picker. At the bottom of the screen, there is a yellow "Add" button.

Add new Type Screen

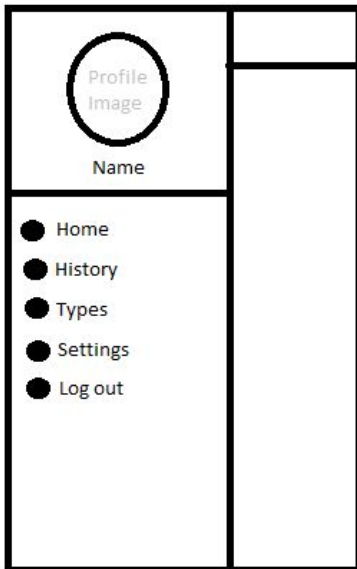
Screen 7



Screen 7 is a mobile app screen titled "Quick add list of tasks". It features a header bar with a hamburger menu icon and the title. Below the header, there are two identical task entry forms. Each form has a "Task 1" label, a text input field, and three buttons labeled "Date", "Time", and "Type". At the bottom right of the screen, there is a yellow "Add more" button with three dots above it. At the bottom center, there is a yellow "Done" button.

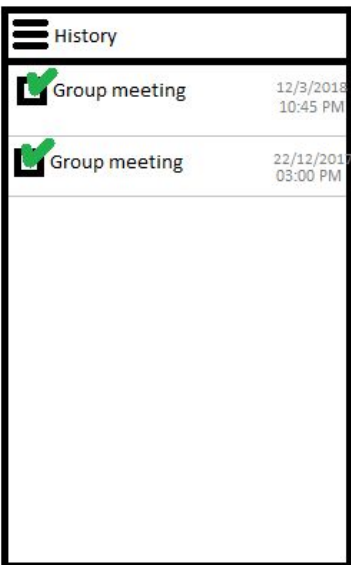
Quick add multi tasks Screen

Screen 8



Side menu Screen

Screen 9



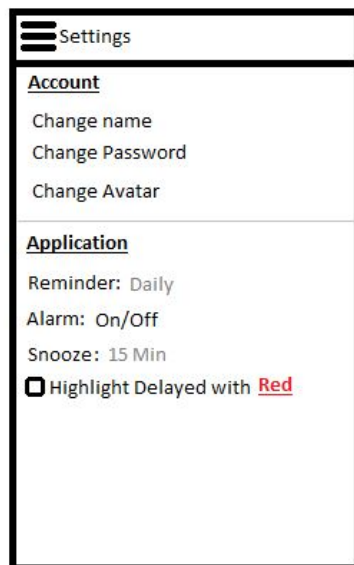
History Screen

Screen 10



Types Screen

Screen 11



Settings Screen

Screen 12

<u>Today's tasks:</u>	
Board meeting	11:00 AM
Launch Break	02: 00 PM
Selling report	04:00 PM

Widget Screen

Key Considerations

How will your app handle data persistence?

Data will be saved and viewed using Content provider, Shared preferences also will be used.

Describe any edge or corner cases in the UX.

For example, how does the user return to a Now Playing screen in a media player if they hit the back button?

Describe any libraries you'll be using and share your reasoning for including them.

Glide: to handle loading and caching images

Firebase Authentication: to registration and login operation

Firebase Database: to save tasks online

ButterKnife: to view binding

Google map and location: to set location if needed

Describe how you will implement Google Play Services or other external services.

IntentService: for updating widget

Task 1: Project Setup

- Create project
- Configure libraries
- Choose architecture
- Connect to firebase

Task 2: Data persistence

- Database
- Content Provider
- Shared Preferences
- Data Models

Task 3: Implement UI for Each Activity and Fragment

- Build UI for LoginActivity
- Build UI for RegistrationActivity
- Build UI for MainActivity
- Build UI for HomeFragment
- Build UI for AddNewTaskFragment
- Build UI for AddNewTypeFragment
- Build UI for AddMultiTasksFragment
- Build UI for HistoryFragment
- Build UI for SettingsFragment

Task 4: Create RecyclerViews over app

- Create item layouts
- Create Adapters

Task 5: Interactive design

- Implement java code for each UI

Task 5: Enhancement

- Handle error cases
- Improve design