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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

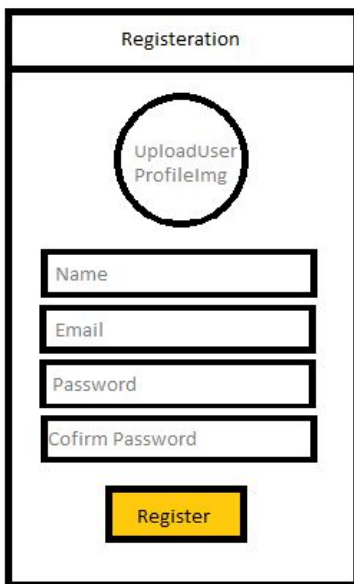
This app targets different people among students, employees, employers even each person who aims to organize their daily life.

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

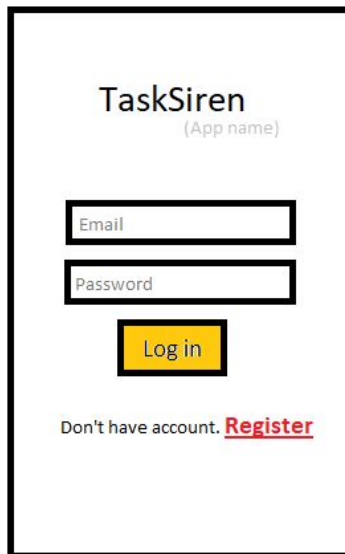
Screen 1



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

Registration Screen

Screen 2



TaskSiren
(App name)

Email

Password

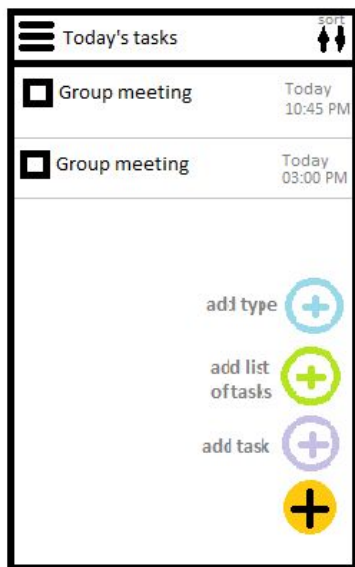
Log in

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

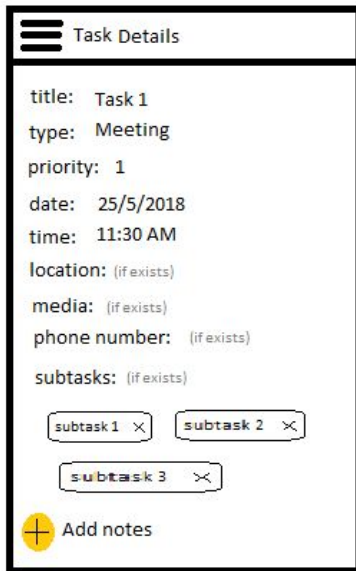
add task

sort

The home screen displays 'Today's tasks' at the top. Below this, there are two task entries, each with a checkbox and the text 'Group meeting' followed by the time 'Today 10:45 PM' and '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 plus button. A 'sort' button with two arrows is in the top right corner.

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 ×

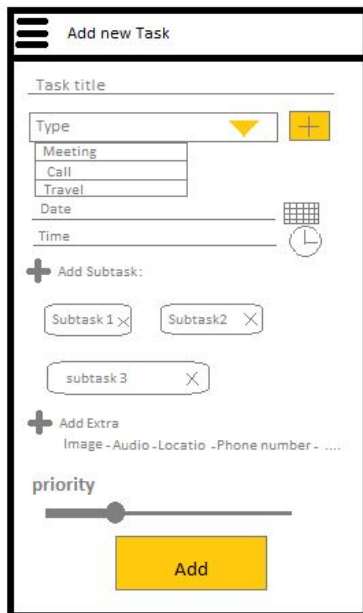
subtask 3 ×

+ Add notes

This screen displays the details of a task. It includes a title, type, priority, date, time, location, media, phone number, and subtasks. The subtasks are listed as 'subtask 1', 'subtask 2', and 'subtask 3', each with a close button (×). There is a yellow plus icon and the text 'Add notes' at the bottom.

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 includes a title field, a type dropdown menu (with a plus icon to add more), a date field (with a calendar icon), a time field (with a clock icon), a subtask list (with a plus icon to add more), an extra field (with a plus icon to add more), a priority slider, and an 'Add' button at the bottom.

Add new task Screen

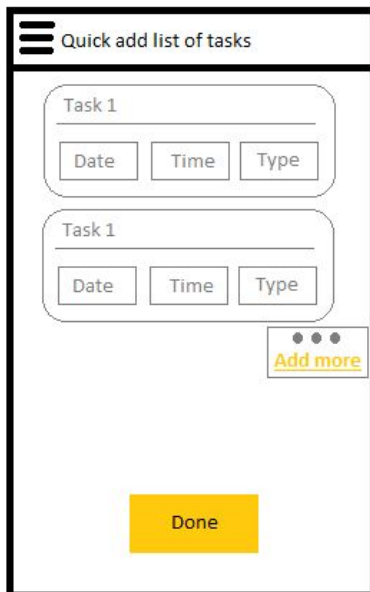
Screen 6



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

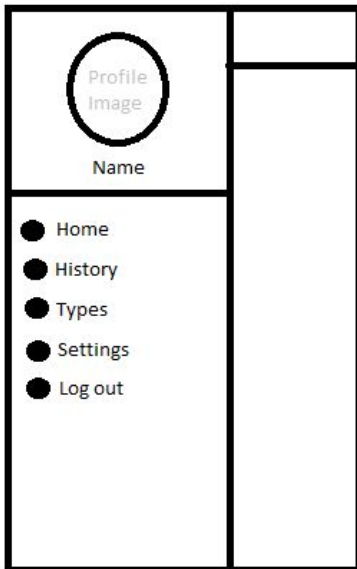
Screen 7



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.

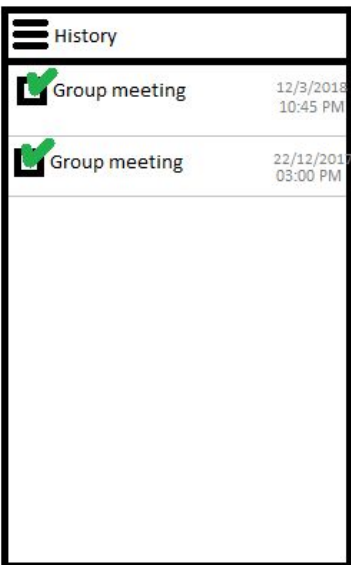
Quick add multi tasks Screen

Screen 8



Side menu Screen

Screen 9



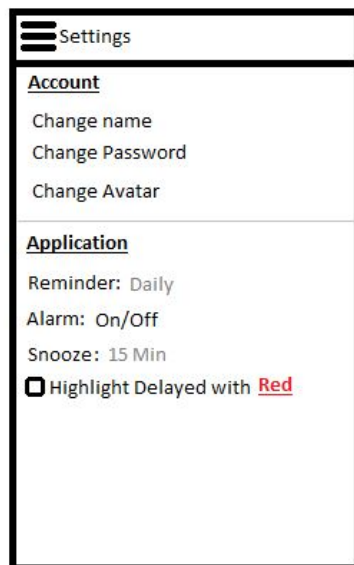
History Screen

Screen 10



Types Screen

Screen 11



Settings Screen

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

ButterKnif: to view binding

Google map and location: to set location if needed

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