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LocUs

Description

LocUs is an application for those who deal with co-working spaces in Cairo. The application allows the spaces' owners to add their spaces and info about them to the database which delivers them to the spaces visitors in real-time including if there is available rooms at the moment or not.
So to sum it up, the app facilitates the connection between the co-working spaces and their users.

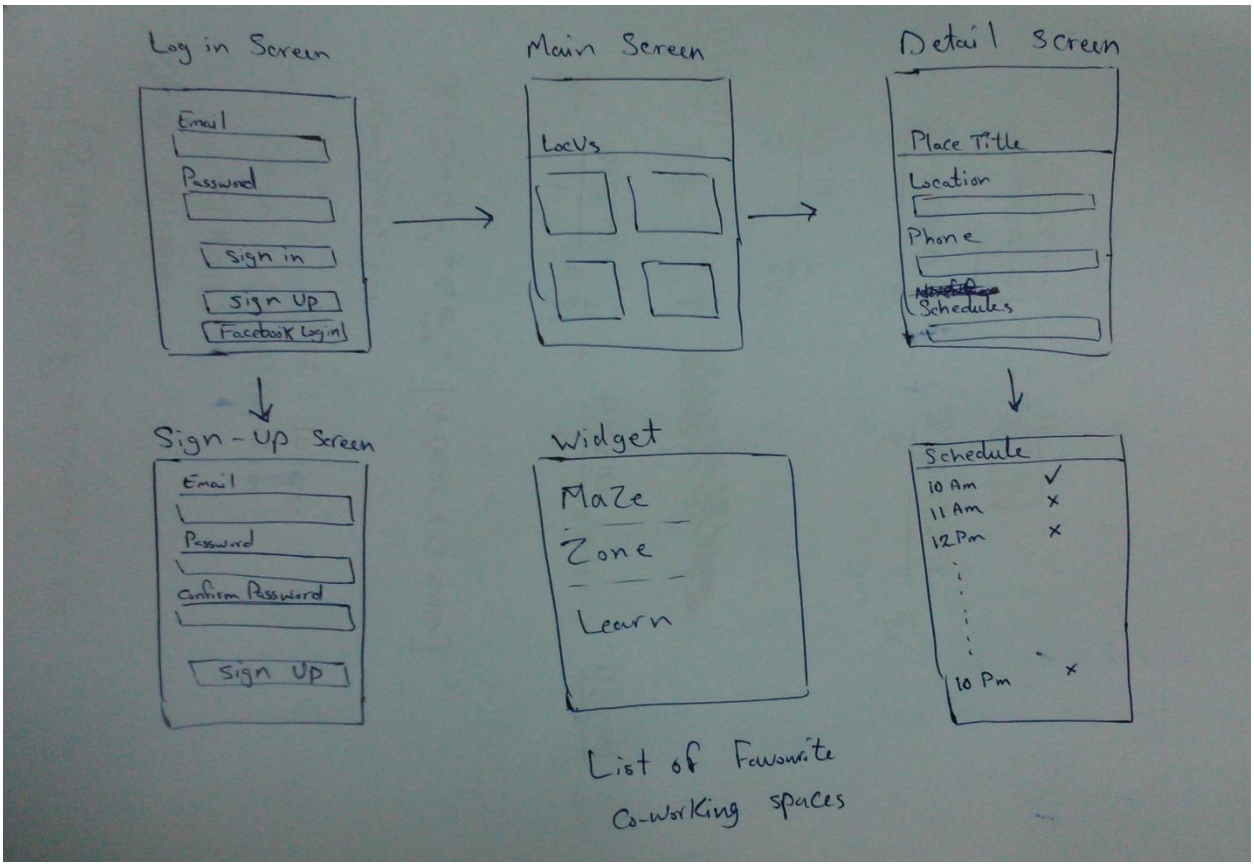
Intended User

- Owners of the co-working spaces.
- Anyone who is interested in using the services of the co-working spaces in Cairo.

Features

- Signup (create an account).
- Log in.
- Get List of available co-working spaces.
- Get details info about each co-working space.
- Check when the rooms are available in real-time in the co-working space.
- Add a co-working space.

User Interface Mocks



Key Considerations

How will your app handle data persistence?

Firebase real-time database will be used to handle data persistence

Describe any edge or corner cases in the UX.

The user will be able to choose from a grid of available co-working spaces and also if a user has a space he can add it to the database

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

- Firebase Authentication
- Firebase Database
- Firebase Storage
- Butterknife

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

Firebase database, authentication and storage will be used in implementing the app.

The app uses FirebaseJobDispatcher to check for changes in the database frequently.

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and break them down into tangible technical tasks that you can complete one at a time until you have a finished app.

Task 1: Project Setup

- Configure Libraries
- Configure Firebase components

Task 2: Implement UI for Each Activity and Fragment

UI subtasks:

- Build UI for sign in
- Build UI for sign up
- Build UI for Main activity
- Build UI for detail activity
- Build UI for time table activity
- Build UI for Widget

Task 3: Implement functionality for each component

- Implement the log in screen
- Implement the sign up screen
- Implement the main screen
- Implement the details screen
- Implement the time table screen
- Implement the widget functionality