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SomTasks

Description

Right now, in my place of work there is a lack of organization in the way tasks and chores are distributed among city managers. This app will fix this issue by organizing and presenting all of their tasks as a To DO list. They will be able to resolve and understand fully what they have to do, how they have to resolve it and how the task prioritized.

Intended User

This app is intended to be used by Managers at the company where i currently work.

Features

- Operation Managers will be able to receive their ToDO tasks directly to their phone
- Give feedback and resolve tasks from the phone
- Task come prioritized per user

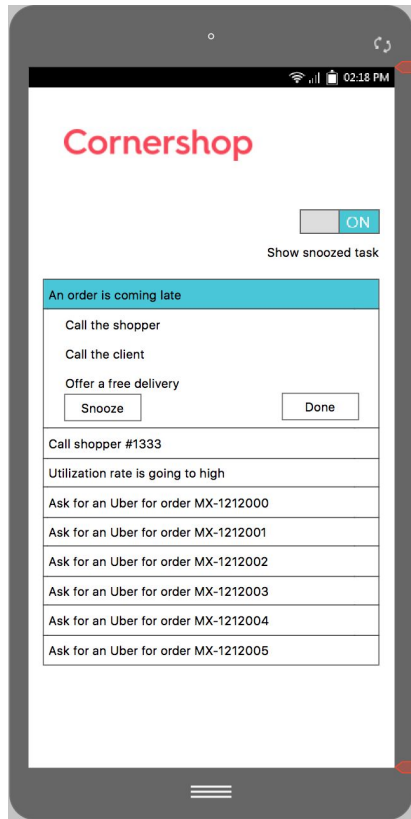- Push notifications for incoming tasks

User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.
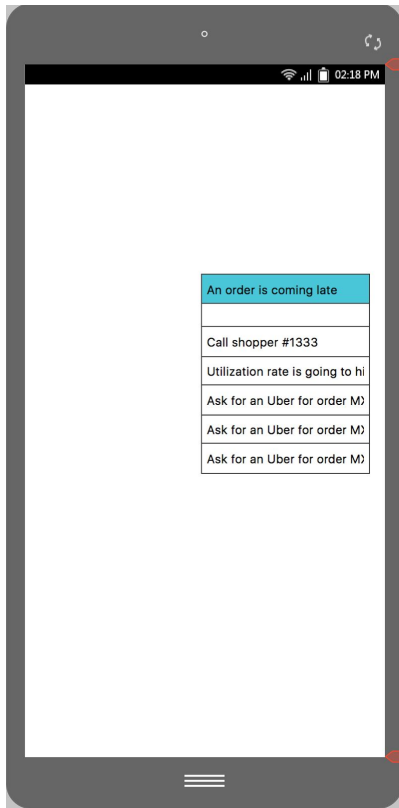
Login

Login using google account

Main

Its a simple one page app, all of your tasks get seen and resolved in this one activity

Widget

Widget presents the list of pending tasks, the elements in the list can be clicked and take the user to the pointed activity.

Key Considerations

How will your app handle data persistence?

My app will interact with a private API provided by myself, persistent data will cached using sqlite, i will implement a content provider and interact with the data using loaders.

Describe any corner cases in the UX.

I can't think of any corner case for this app

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

Picasso: Even though it is not the core of this app handling images could be required and previous experience with this tool make me choose it.

Describe how you will implement Google Play Services.

- Firebase Auth: We will use google accounts for login
- Firebase Database: A database in firebase will be used for store and query the manager tasks.

Next Steps: Required Tasks

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

Task 1: Project Setup

- Setup Firebase Database: Create a structure that makes sense with the current
- Setup Firebase Login and filter users to have only allowed users to make use of the app
- Setup fixtures/initial data for the debug and testing of the app

Task 2: Implement UI for Each Activity and Fragment

List the subtasks. For example:
- Create the content provider for persistent data
- Build UI for MainActivity
- Build UI for Login Activity
- Build Fragments for visible task

Task 3: Reiterate over layout and usability

Get some feedback from possible users and reiterate over layouts.