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Submission Instructions

1. After you've completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
3. Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"

GitHub Username: Holovko

Kyiv Mom Map

Description

This app is a list of places in the city Kyiv where parents can spend time with their children. Get a short place description and coordinates on map. All places have 5-star rating system and each user can rate places in the catalog.

Intended User

This app is for mothers and families with children who live in Kyiv

Features

- Add places to favourite
- Add new places
- Rate places
- Find places on map

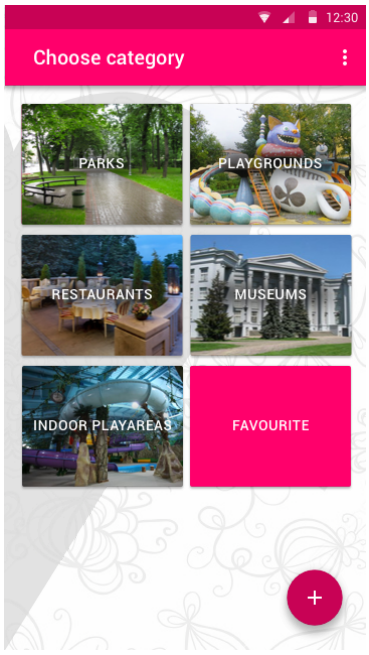
User Interface Mocks

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.

Screen 1

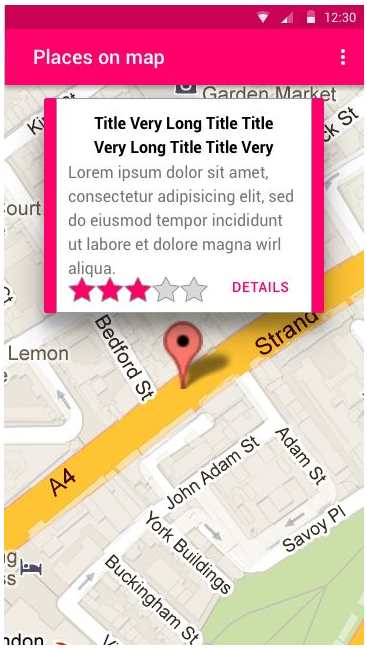
Splash screen. When the app is launched for the first time, the data is loaded from the server

Screen 2



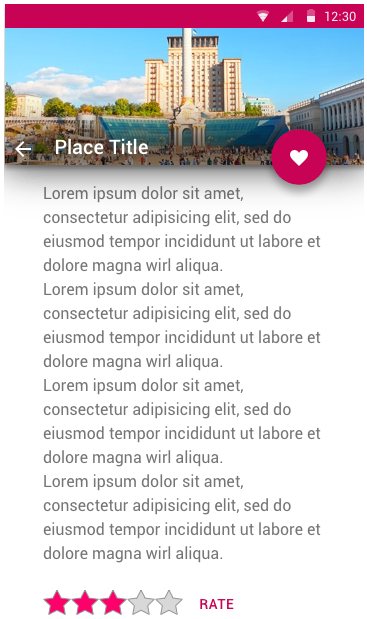
Select rubric, which is loaded from the server side

Screen 4



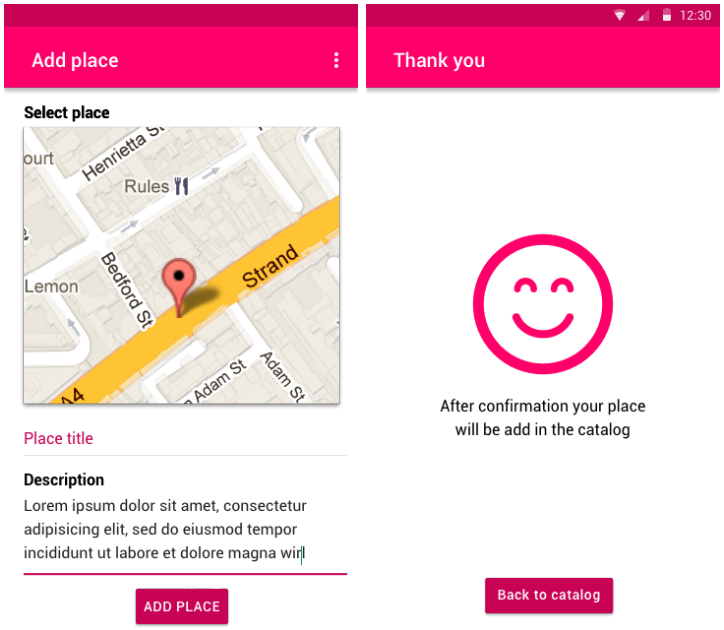
Show places from the selected rubric on the map

Screen 5



Details about the place, which can be rated or added to favourite

Screen 6



Add new place

Key Considerations

How will your app handle data persistence?

I will build a Content Provider and the service that load data from the server to the local database

Describe any corner cases in the UX.

I didn't see any corner cases

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

com.android.support:cardview-v7: add cardview
com.android.support:appcompat-v7: add actiona bar support
com.android.support:recyclerview :add recyclerview for data list
com.android.support:design: add fab and other feature from
com.squareup.picasso: caching places pic loaded from server
com.google.android.gms:play-services-maps: for maps
com.google.firebase: for the backend part

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

- Create project
- Configure libraries
- Add vcs "bitbucket"

Task 2: Implement UI for Each Activity and Fragment

- Build UI for SplashActivity
- Build UI for MainActivity
- Build UI for MapActivity
- Build UI for DetailsActivity
- Build UI for AddPointActivity

Task 3: Firebase connection

Creating connection and data flow app with the Firebase

- Create server data structure
- Decide where to put store pictures
- Organize connection
- Fill test data

Task 4: Content provider

- Create database structure
- Organize content provider
- Create service for the receiving data
- Create service for the sending data

Task 5: Add other UI elements and connect data to UI

- Create dialog layout (rating, etc)
- Connect data with ui using loaders

Add as many tasks as you need to complete your app.

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