

Shenkar Mobile 1 2014:

Final Project Spec: TodoList

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This document describes the final project you will be expected to hand in for the Mobile 1 course.

Team size: Up to 2 people.

Introduction:

During the semester you have learned a series of capabilities that were implemented in the exercises within the context of a general Todo List application. For your final project you will put all these capabilities together into one coherent application that will allow the user to manage a set of todo tasks. You will also be expected to add the functionality and flows that you developed in the lecture part of the course and which you tested as a paper prototype. You are also invited to add one or more additional features for extra credit. *The final deliverable will be a todo management app that will be published to the google playstore + a link to your git repository to view your source code.*

Basic Functionally:

1. Add/Edit/Delete a task [15 points]
2. Set a task to Done [5 points]
3. Tasks should be Persistent (saved to a DB) [10 points]
4. Geo-fence a task [10 points]
5. Notify about an upcoming task (according to Time, Location, ...) [5 points]
6. Working analytics that is accessible via the google analytics dashboard. [10 points]
7. The app should be published in the Play Store and include an Installable APK [15 points]

Optional Functionality for *Extra Credit*:

1. Homescreen widget [Points: +3]
2. Sharing (i.e. "Tomer has completed task: Buying Milk!") [Points: +3]
3. Backup/Sync tasks to a sever [Points: +5]
4. Cool UI. [Points: +2]

Grading:

- Successful implementation of all Basic functionality: up to 70 points
- Programming design and quality: up to 20 points
- How well the app runs: up to 10 points
- Implementation of additional functionality: up to an extra 13 points