WhatToDo

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Yrd. Doç. Yalın Baştanlar

Problem Description

- Mobile phones are always with us.

- Nowadays, they affect our daily life directly.

- We focus on lifting effectiveness by developing an android application.

- We try to avoid forgetting what the important things will be done.

- Our project aim to ease the life of android phone users.

How Do We Do It?

- User will form to-do lists with their to-do items and notes.

- Our solution is that we add location and time-based reminder for each to do list for users.

- User can select the entering or leaving location for their notes and according to this information, they will be notified. This will help to accomplish our purpose by location and time-based reminder.

Similar Products

- The most similar android application is Google Keep.

- Users get notifications after not leaving only reaching location in Keep.

- Users can't set radius of the location in Keep.

- Users can't set reminder both of location and time based in Keep.

- Other similar android applications are Any.do, Wunderlist and Todoist.
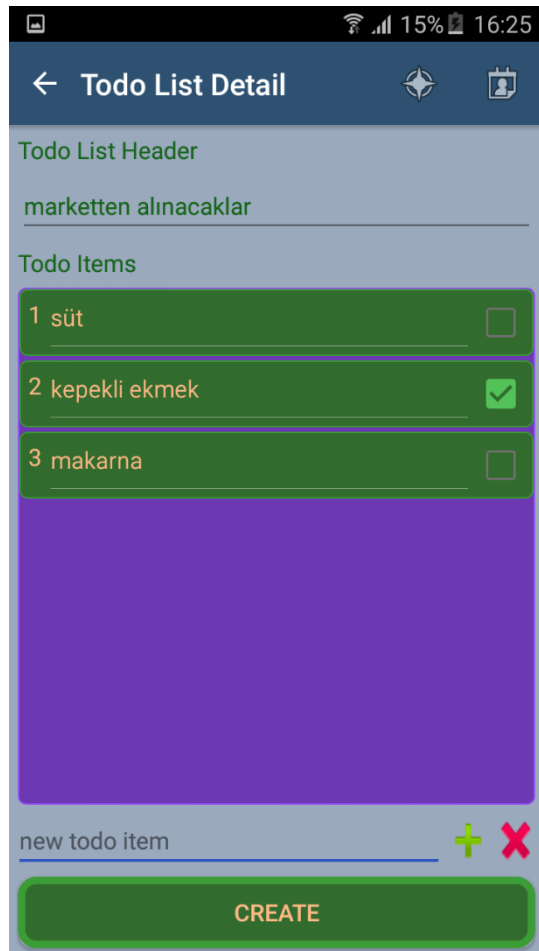
Benefits of the Application

Benefits of our application are about social:

1. Daily life of people will be more organized after they use the application as the main purpose of the project.
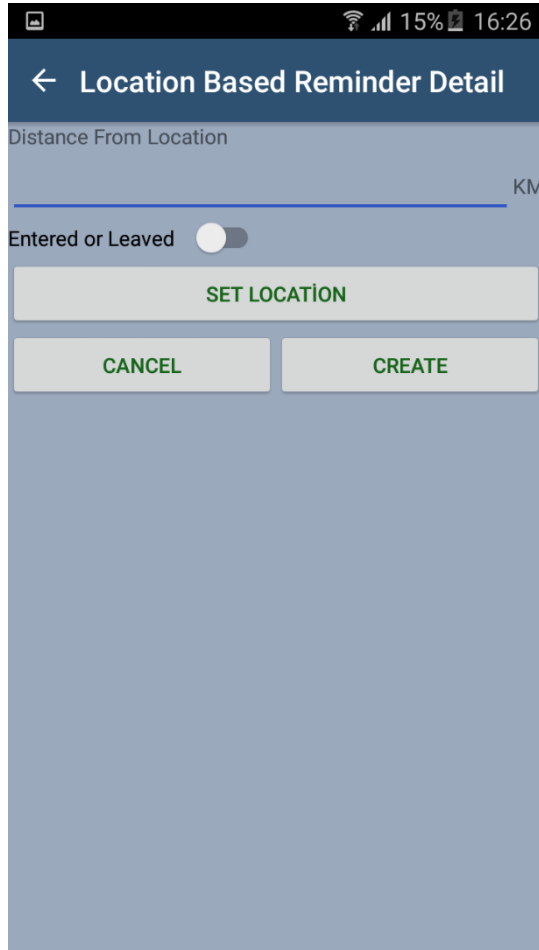2. The application will be prevented committing faults in some important circumstances by remembering.
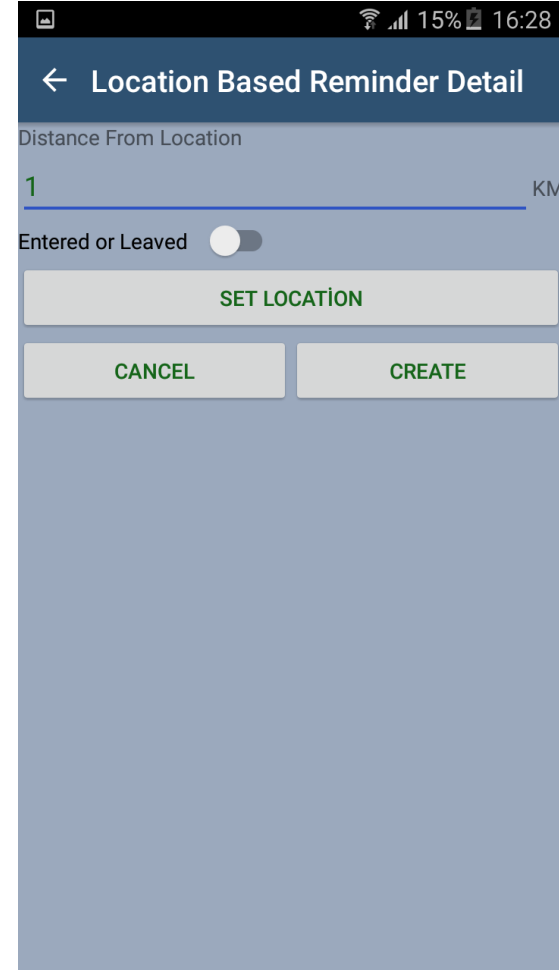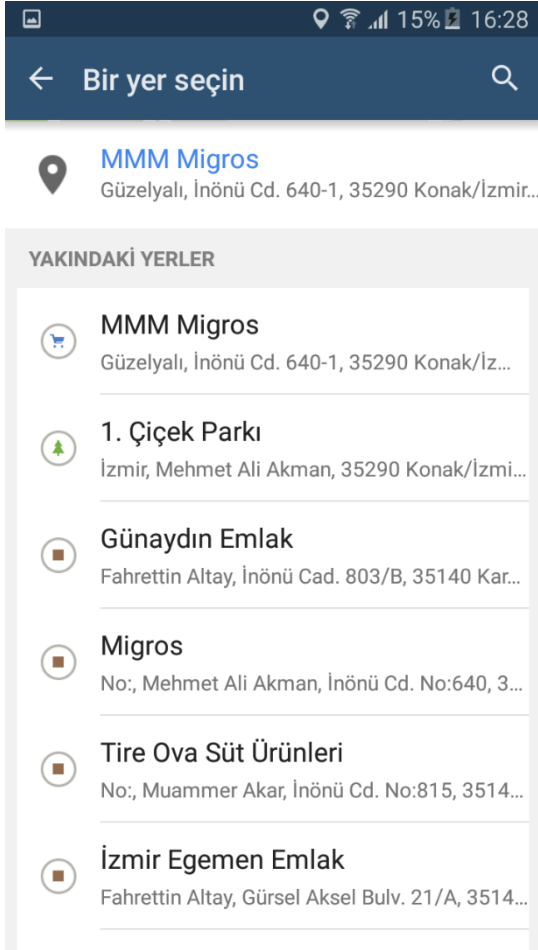
System Usage
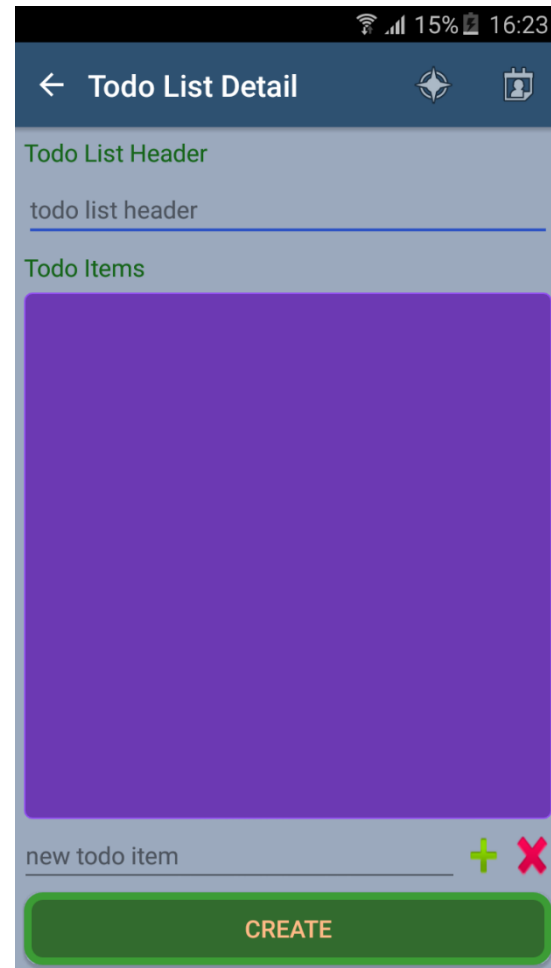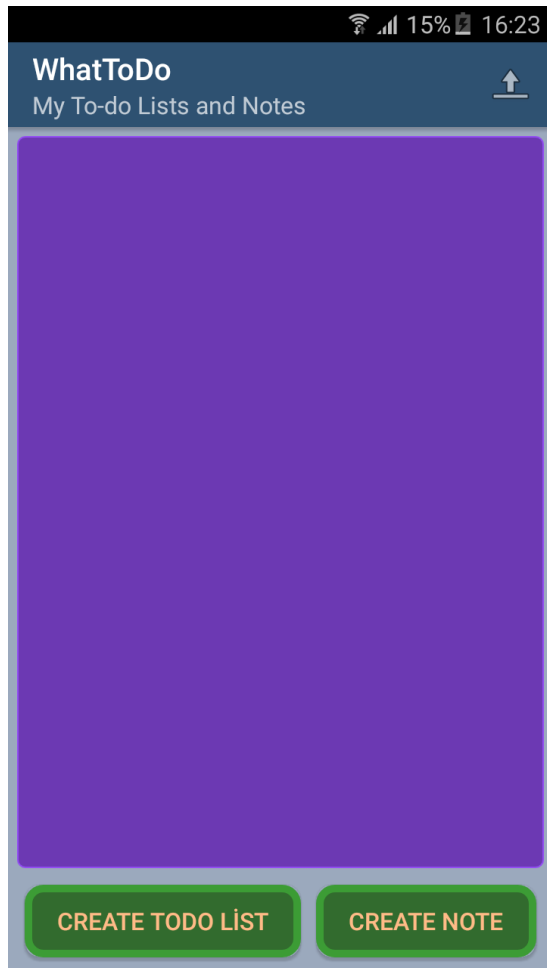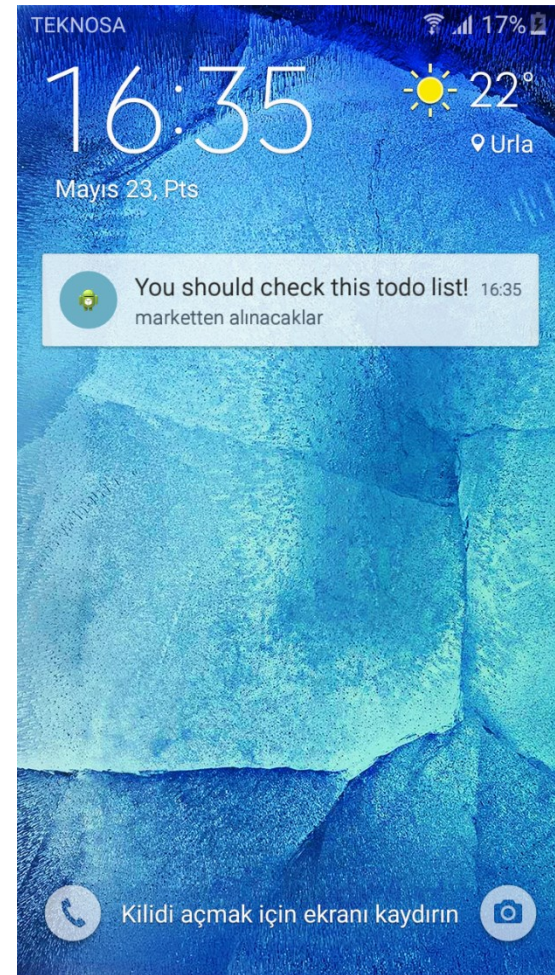
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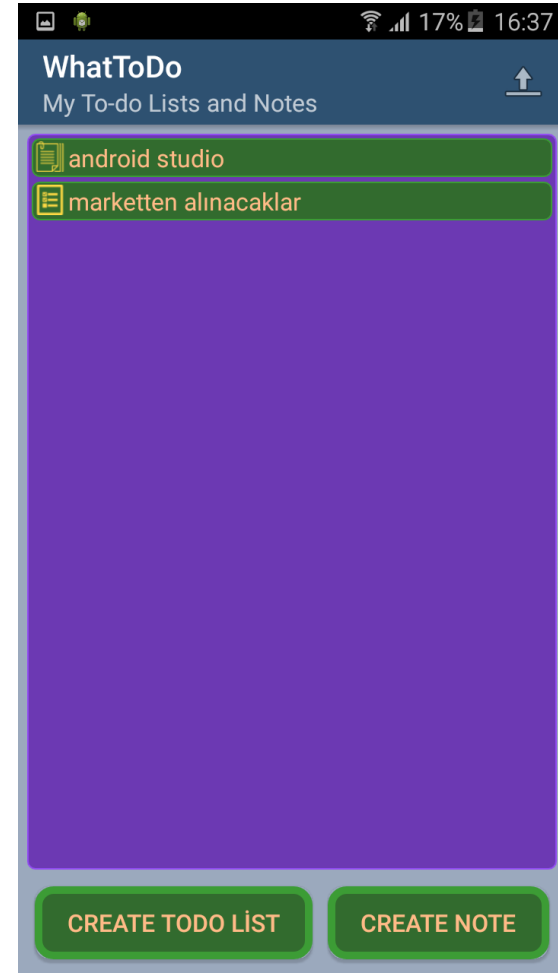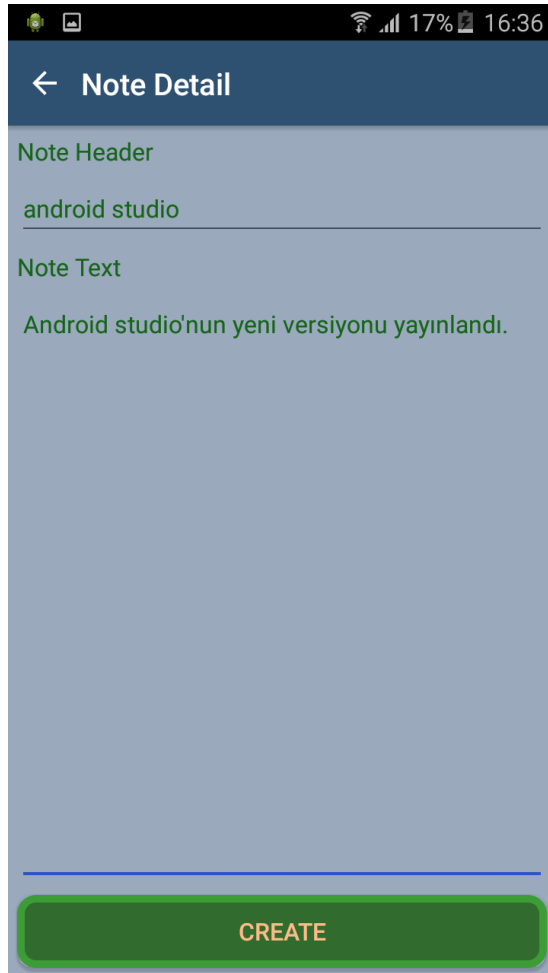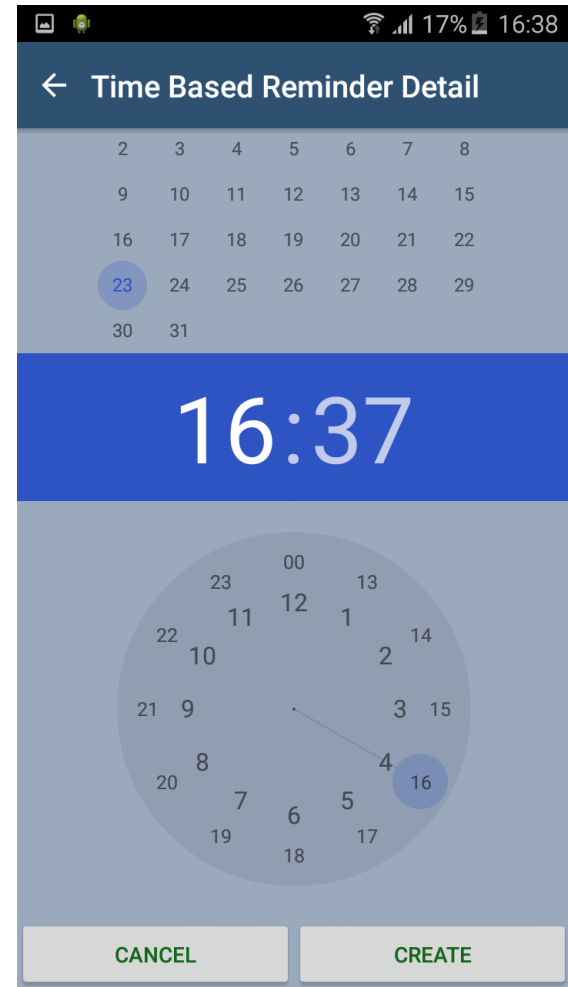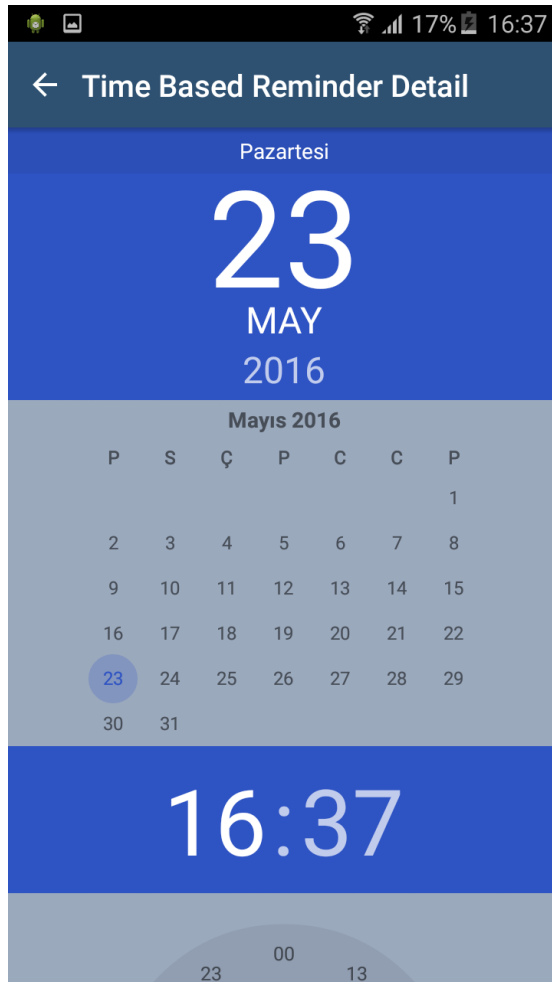# System Usage
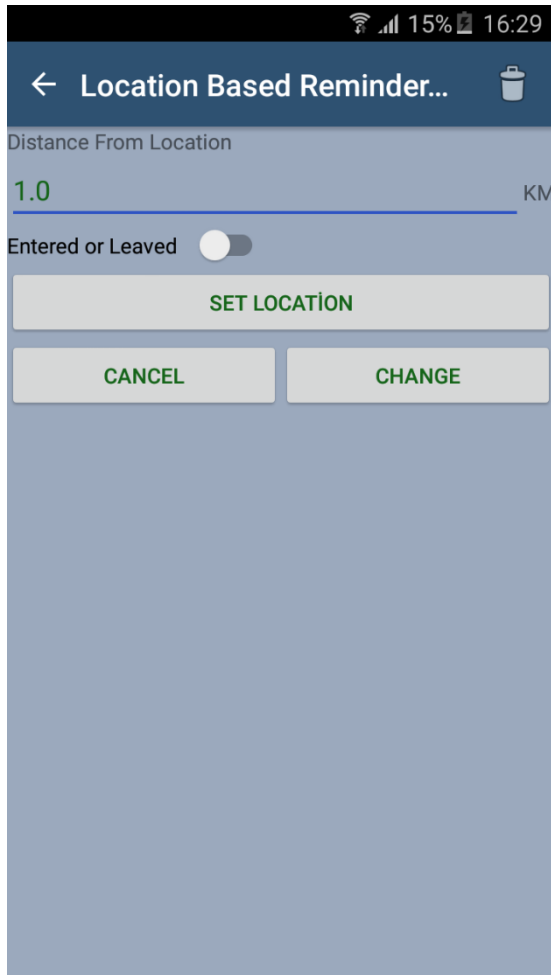
System Usage

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Architecture Diagram

Android Location API

Google Maps API

Google Places API

Mobile Application

Android Layer

Export / Import
User Data

Java Logic Layer — JSON → Storage

SQLite

Local
Database

To-do List

To-do Items
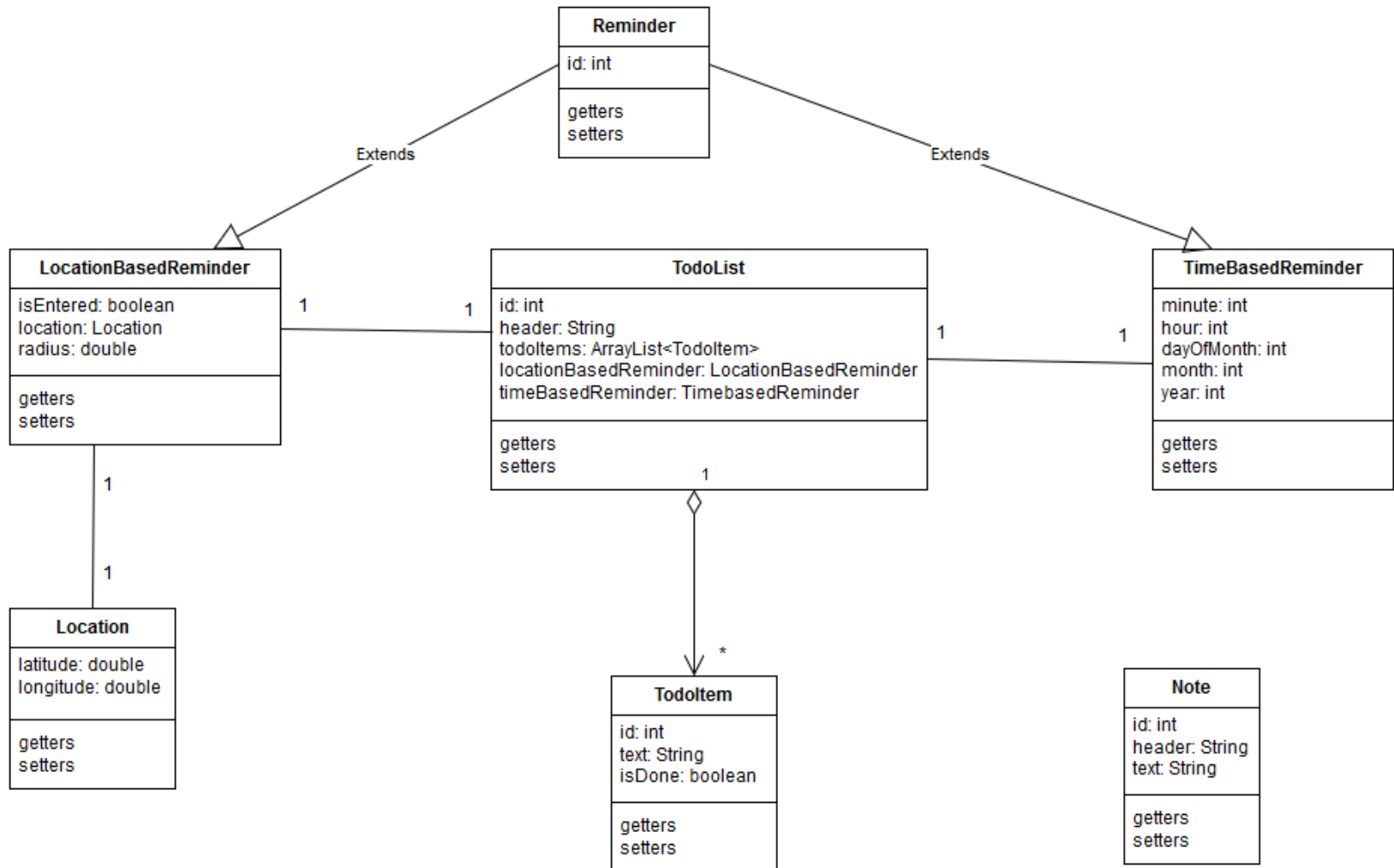
Notes
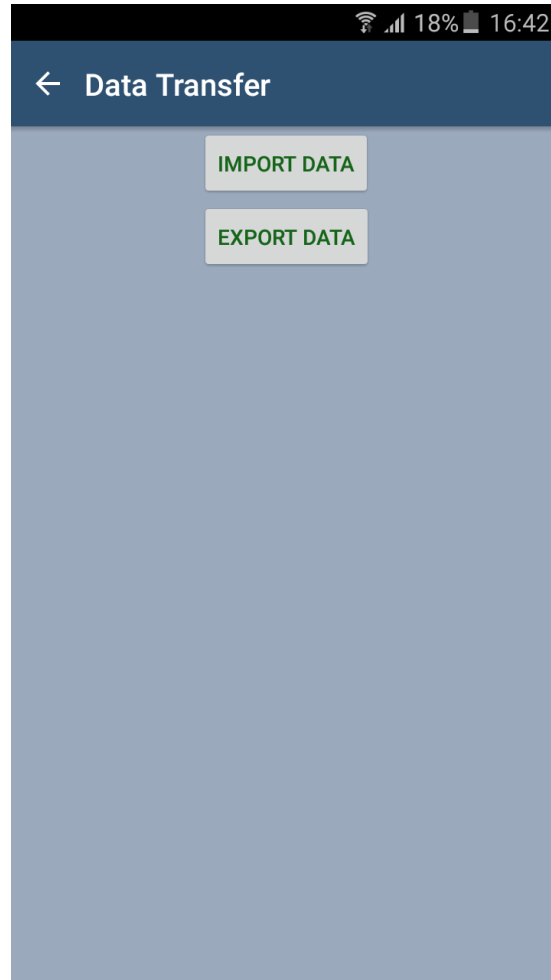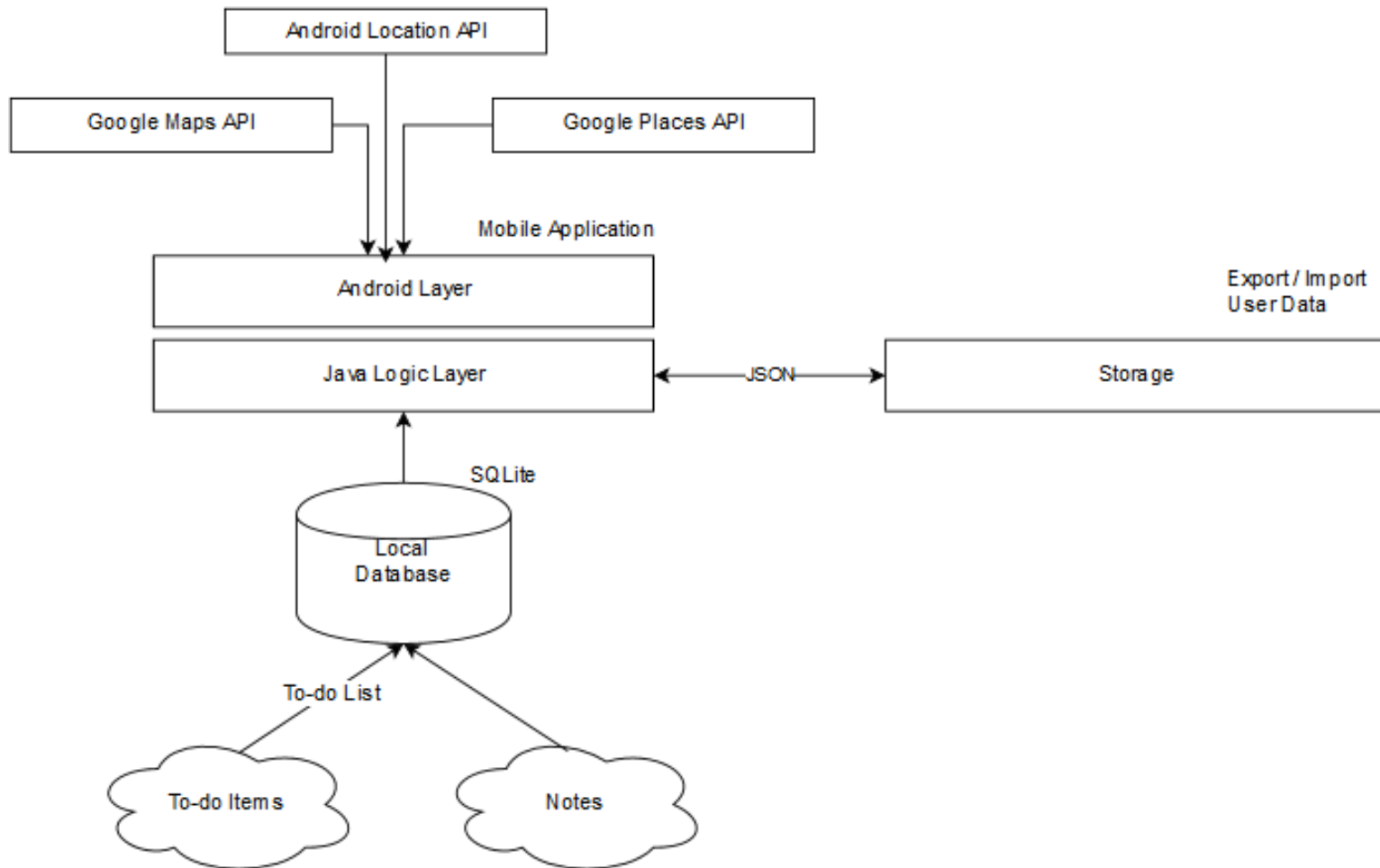
Class Diagram

Project Method

- We are using scrum methodology.

- Scrum is an iterative and incremental agile software development methodology.

- Scrum focuses on production process.

- Unlike traditional approach, scrum is very flexible.

- We are running sprints that last one month.

Used Technologies and Reasons

- Mobile application will work on Android OS. We will develop the application using Android Studio IDE.

- Android Location API will provide user' location. Google Map API will provide map of to-do item.

- SQLite will be used for local database.

- JSON format will provide import and export user data to keep and transfer.

- Junit will be used for testing framework.

Project Implementation
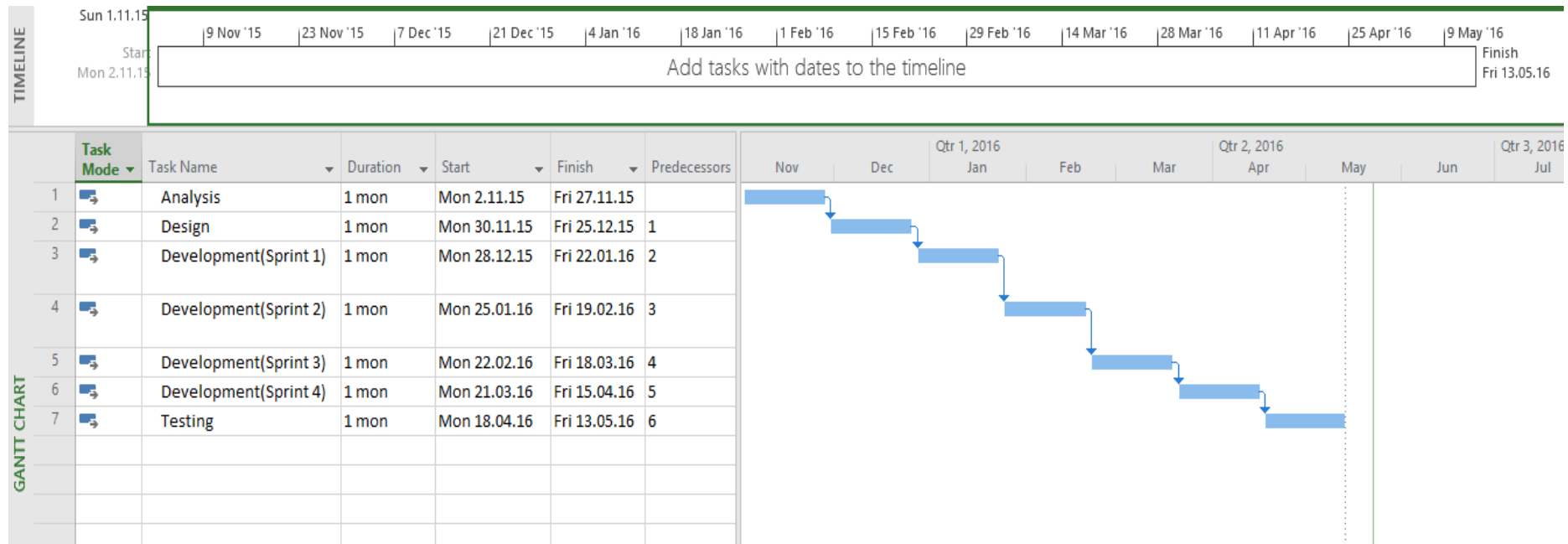
How can the Product be enhanced?

- Using a cloud system could be better synchronizing method for user data.

- This can be implemented for other mobile OS (like iOS, Windows Phone)

- Monetizing could be done by showing advertisements.