TODO List Manager on Steroids Supplementary Requirements Document Team 3.09

1. Introduction

The goal of the project is to extend the existent TODO List Application on Android to a Web application and to provide sync functionalities between the Android and the Web application, thereby enhancing the user-experience.

2. User Requirements

2.1 User Interfaces

MTM: Graphical touch interface on the android compatible device
WTM: Graphical user interface on the web browser

2.2 User Characteristics

User must be capable of using an android compatible device and a basic web application through a web browser.

2.3 Environment Requirements

MTM: Compatible android device
WTM: Standard web browser

3. Assumptions and Dependencies

3.1   Assumptions

We are assuming that
- The user is capable of handling an android compatible device and a web browser

- The user is aware of the synchronization consequences when the updated items on one platform overwrite the items on another platform and when new items on one platform are copied on to the other machine.

- Network connection is available on both the platforms.

- The conflict handling policy is inclined towards the centralized database.

3.2   Dependencies

3.2.1 Network connection must be available to perform sync on the mobile platform.

3.2.2 Network connection must be available on the Web platform throughout.

4. Functional Requirements
(not covered as part of the use case and vision doc)

4.1 User should be able to delete the corresponding user-account on both Android and Web platform

4.2 User must be able to login into the application using his/her respective Google accounts

4.3 Provisions should be made in order to delete multiple tasks at the same time using multiple selections

5. Optional/Additional Functional Requirements

5.1 The user must be able to partition the tasks into categories. When the category is not specified the tasks go into the default category. The user must be able to switch the tasks between the categories as and when needed

5.2 Based on the due-date specified in the task, sync must be provided to the device calendar in case of the Android application and Google calendar in case of the Web application. The user must be able to view the tasks through the calendar if the user requires this option which is provided as an optional setting

5.3 The application must give push notifications indicating the task expiry in case of Android and the application must provide popups in case of the Web application