Application Development for Mobile and Ubiquitous Computing

Seminar Task
First Presentation

GroupNo. 16
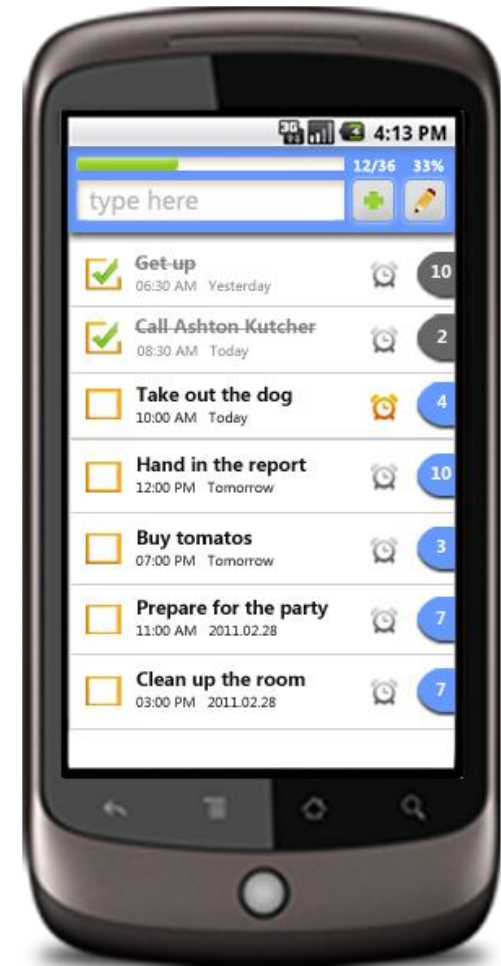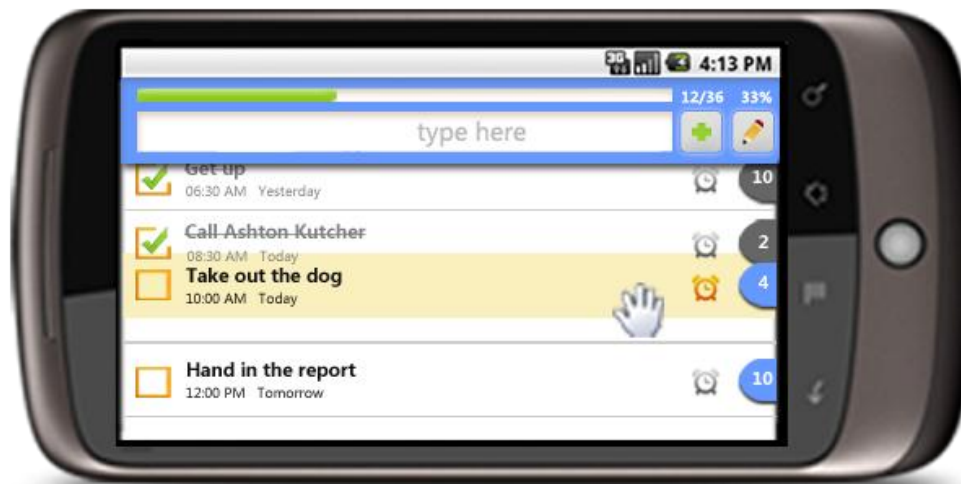Team: Syed Kewaan Ejaz, Li Qian

▪**Our application is a**

Task Management/To-Do List

- **It allows you:**

    - ✓ To list the tasks you have planned

    - ✓ To cross off the tasks you have finished

    - ✓ To sort the tasks according to your own priority

    - ✓ To add a widget at the main screen of the mobile

    - ✓ To synchronize with your Google Calendar

    - ✓ To notify the other person by SMS once an appointment is made

- **Android platform**

- **Google API Client Library**
  Written by Google, this library is a flexible, efficient, and powerful Java client library for accessing Google APIs

http
sync

Application

Google
Calender API

▪**Synchronization(Client v.s. Google)**

     On task addition/On task completion

     Poll schedules/tasks from Google Calendar periodically

▪**Prioritization of tasks**

     The tasks will be prioritized according to user's requirement

     Drag and drop effect

▪**Gesture recognition**

     Our application should adapt to both Landscape and Portrait mode

▪**Different screen size compatibility**

- **add/remove tasks locally**

- **synchronize with Google, and handle conflicts**

- **fulfill compatibility between screen sizes/modes**

- **SMS notification**