

Department of Computer Science Institute for System Architecture, Chair for Computer Networks

Application Development for Mobile and Ubiquitous Computing

Seminar Task First Presentation

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Application

•Our application is a

Task Management/To-Do List

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Folie 2



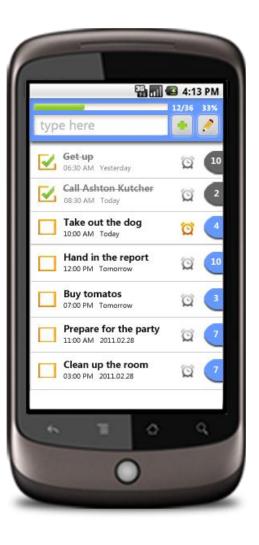
• It allows you:

- ✓ To list the tasks you have planned
- \checkmark To cross off the tasks you have finished
- \checkmark To sort the tasks according to your own priority
- \checkmark 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





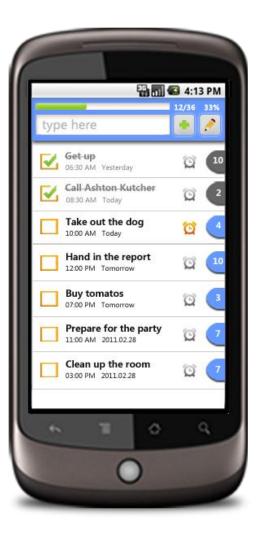
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Folie 7



Android platform

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



Technologies



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Challenges

 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