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

Application Development for Mobile and Ubiquitous Computing

Seminar Task second Presentation

Group No. 16

Antonio Duarte Matos

Rafael Brundo Uriarte

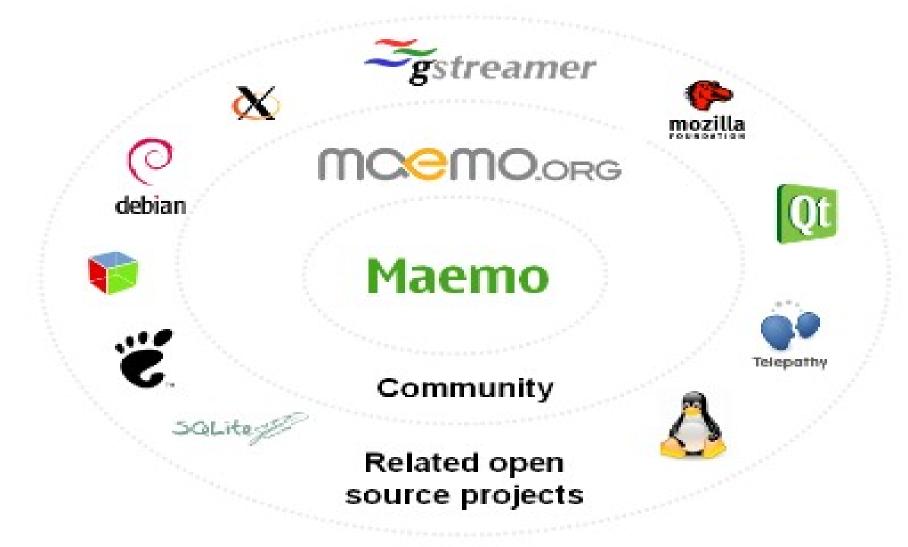


Application Scenario

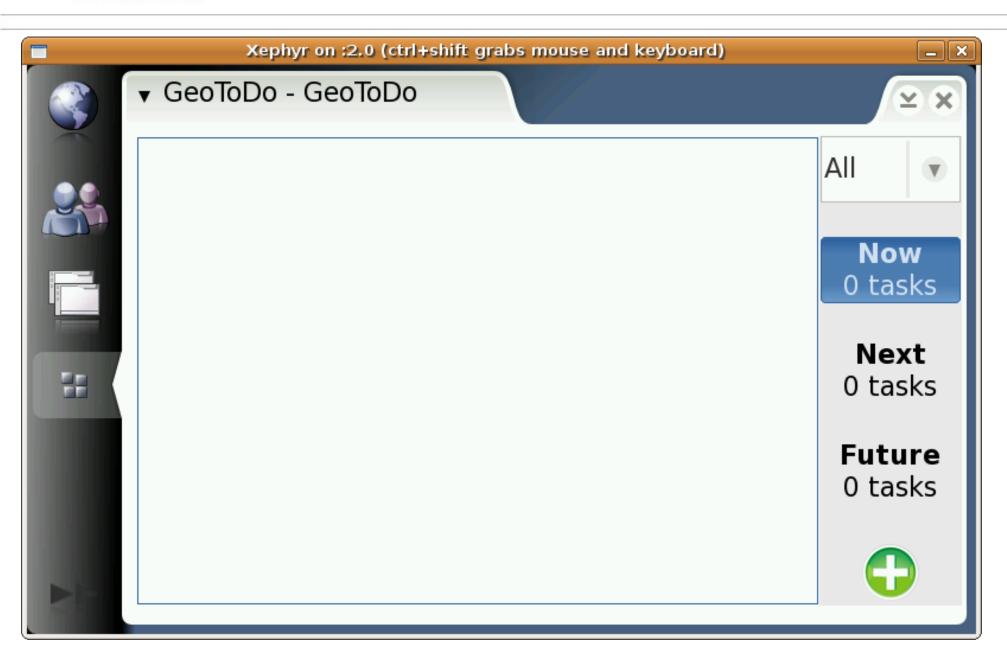
- A TODO manager:
 - Add/Remove/Edit Tasks;
 - Set date/hour reminders for tasks;
 - Set places where the task can be completed;
 - Save logical places
 - Settable tasks views;
 - Location Based reminders.



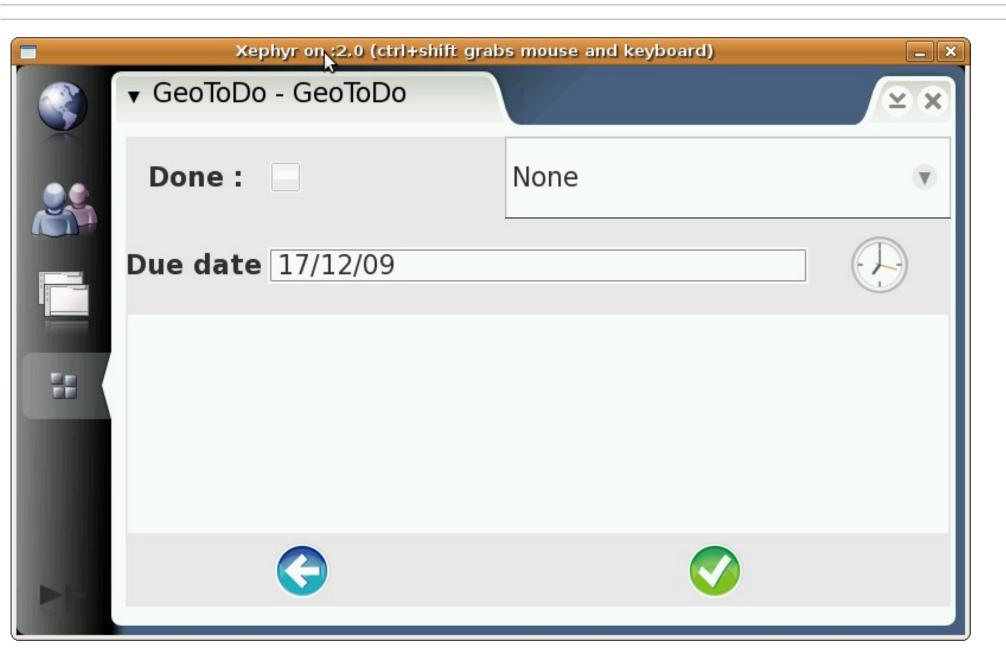




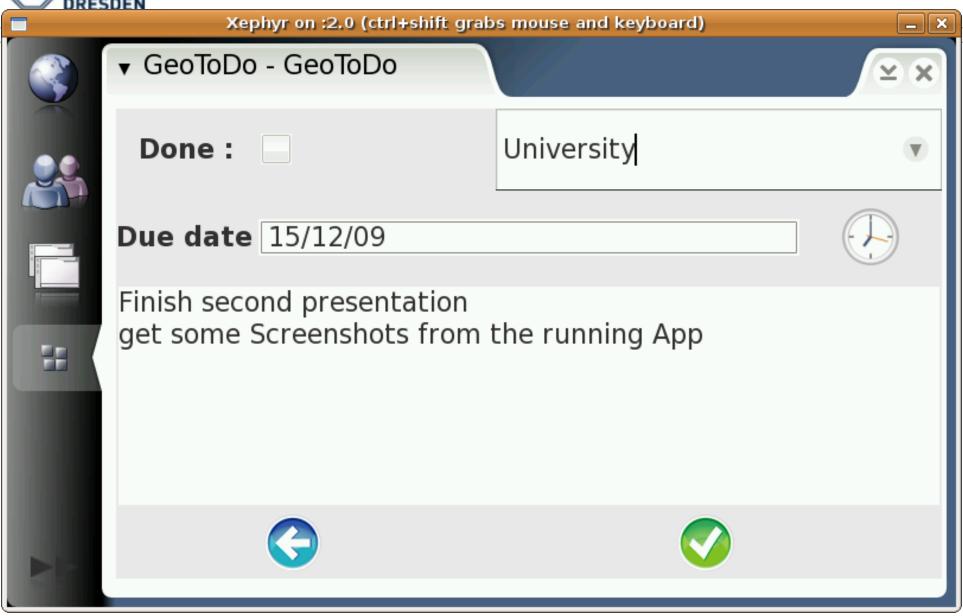




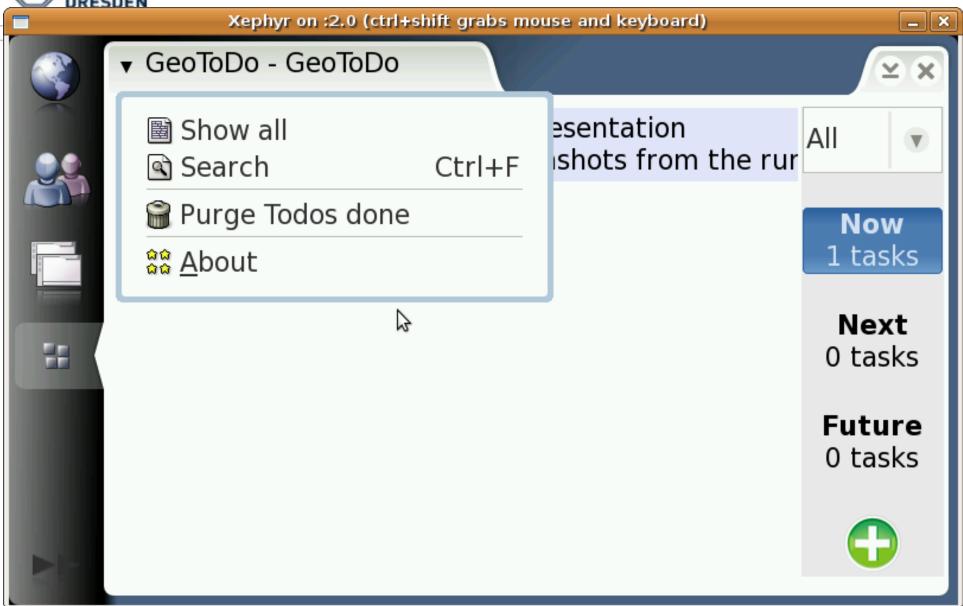














Xephyr on :2.0 (ctrl+shift grabs mouse and keyboard)

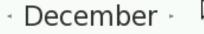




▼ GeoToDo - GeoToDo







- 2009

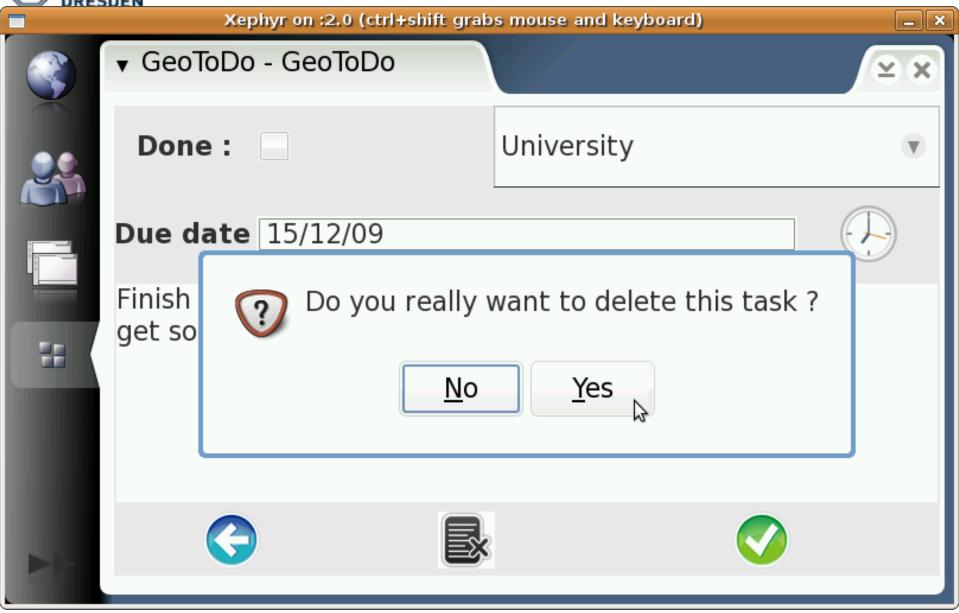
| , |
|---|
| |
| |
| |
| |
| |
| |
| |
| |
| |

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
| 29 | 30 | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |











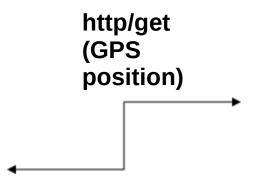




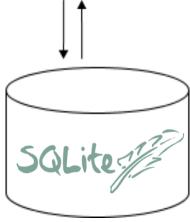
Technologies

Maemo Device















- Handle power consumption (battery);
- Verify the distance between the user and a place of a task;
- Location based alarms when the mobile device is off line;
- Screen size;
- Lack of a real device to test;
- Porting to new Maemo 5.





Chalenges - Work plan





- Integration of Google Maps(using the API) and the simple application;
- Add the LBS;
- Refinements and Tests;





