

# Application Development for Mobile and Ubiquitous Computing

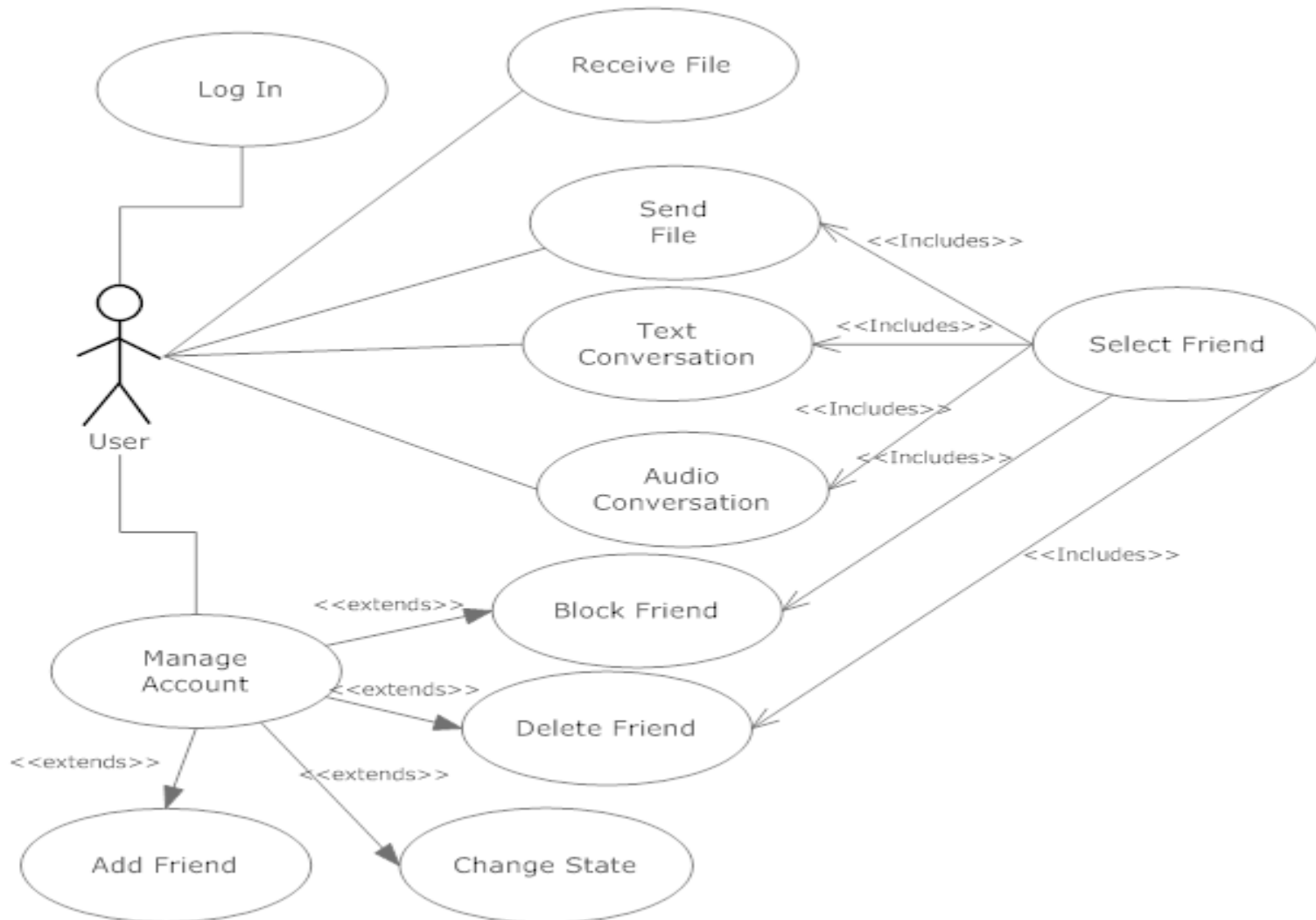
## Task 2 – Chat and Content Sharing First Presentation

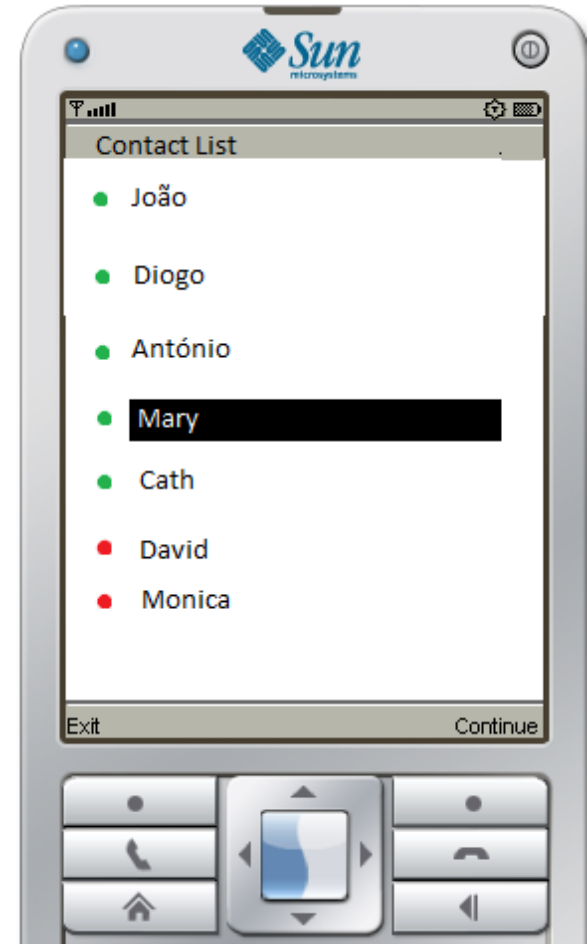
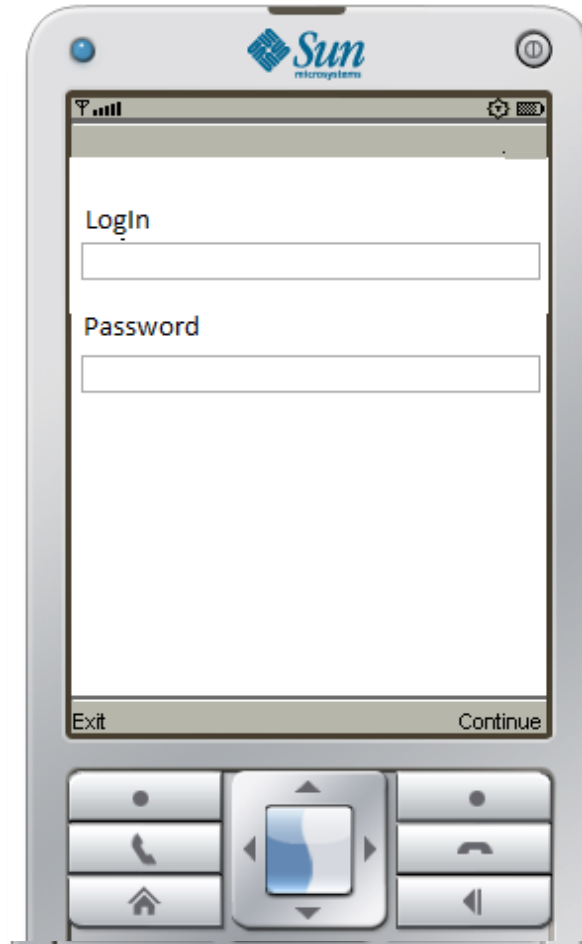
GroupNo.

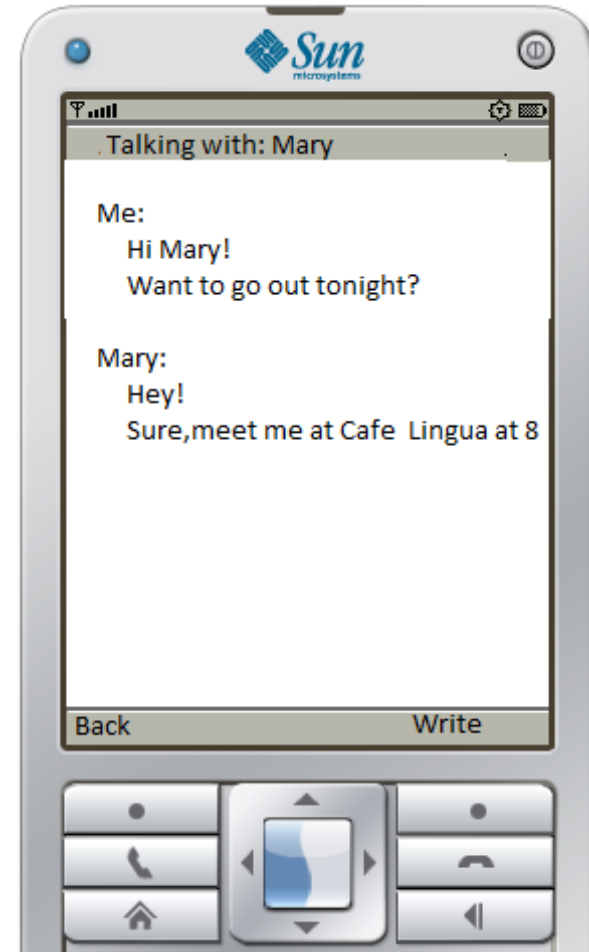
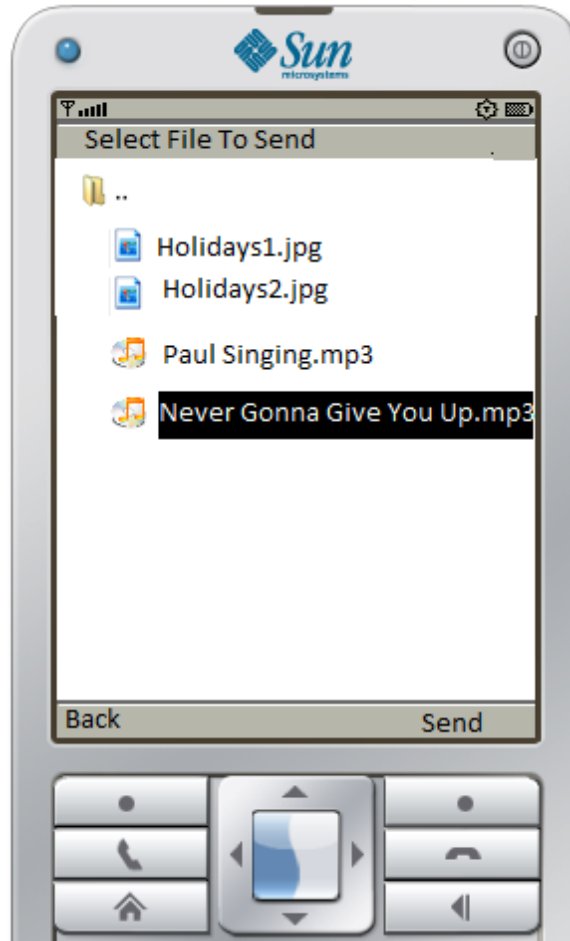
Team:

Diogo Cabral, João Costa

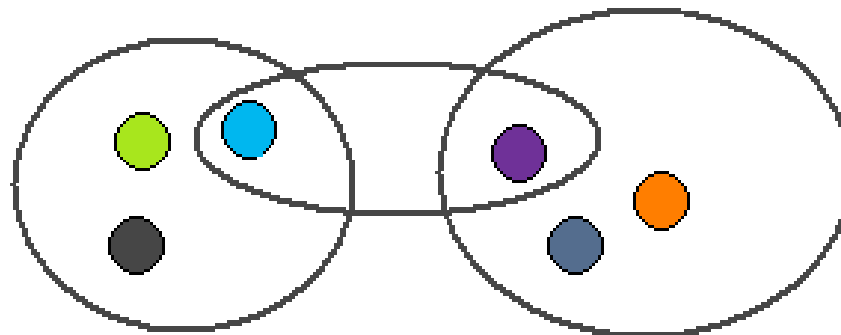
- Chat:
  - Manage friends list;
  - View friends status;
  - Block friends;
  - Text conversation;
  - Audio conversation;
  
- Content sharing:
  - File exchange;





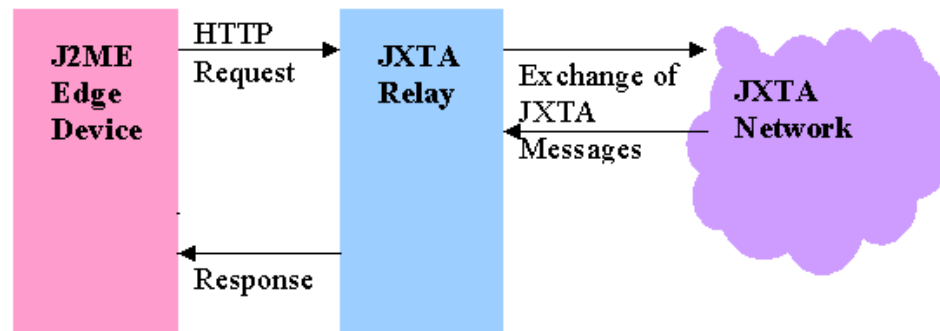


- JXTA
  - Connect the mobile to the JXTA network
  - Each peer has an ID;
  - Peer join groups to interact with other peers;
  - Peers uses services;
  - Groups can be more or less restrict.



- Java ME (Java Platform, Micro Edition)
  - Program the client on the mobile;
  - Contains a subset of the Java-class libraries;

- Decentralized p2p network for mobiles:
  - Avoid to overload the super peers;



- IM wherever you are, whenever you want:
  - Difficulty of localize peers in this kind of p2p network;
  - Secure connections using RSA (Rivest, Shamir e Adelman) algorithm;



- 14-12-2009: First Prototype
- 18-12-2009: Second Presentation
- 20-12-2009: Final Version
- 22-01-2010: Testing Phase
- 29-01-2010: Final Presentation
- 05-02-2010: Submission of results