Project Requirement Information for OzMoPol

Ahmad Soltani, Amin Dorostian, Athar Khodabakhsh, Deniz Ankay, Firat Kaptan, Ugurcan Tuncdoken
Department of Computer Science
Ozyegin University
Istanbul, Turkey
ahmad.soltani@ozu.edu.tr, amin.dorostanian@ozu.edu.tr, athar.khodabakhsh@ozu.edu.tr, deniz.ankay@ozu.edu.tr,
firat.kaptan@ozu.edu.tr, ugurcan.tuncdoken@ozu.edu.tr

I.   LIST OF REQUIREMENTS

In this project we are planning to create a social network and news portal much like reddit but for OzU students categorized with tags in a hall of conversations for mobile devices.

- OzMoPol shall enable users to register to the hall

- OzMoPol shall enable users to login in with their account

- OzMoPol shall enable users to deactivate their account

- OzMoPol shall enable creating a room

- OzMoPol shall enable posting in rooms

- OzMoPol shall enable users to edit their posts

- OzMoPol shall provide commenting on posts

- OzMoPol shall provide editing comments for users

- OzMoPol shall provide commenting on comments

- OzMoPol shall enable voting on posts (+,-)

- OzMoPol shall enable voting on comments (+,-)

- OzMoPol shall enable editing vote

- OzMoPol shall provide users to browse hall and rooms:

    o   View all rooms

    o   View rising posts

    o   View controversial

    o   View new rooms/posts

- OzMoPol shall provide users to follow rooms

- OzMoPol shall provide users to follow other users

- OzMoPol shall provide users to search in hall

- OzMoPol shall enable especial user (Moderator) for rooms

- OzMoPol shall enable moderator to restrict posts with following polices:

    o   No Racism or Sexism

    o   No Child Pornography

    o   Registration by OzU mail

    o   Usernames chosen by users are kept confidential

- OzMoPol shall provide means to manage settings:
    o Notifications
    o Subscriptions
    o Followers
    o Posts

II.   TOOLS AND ENVIRONMENTS

A. *Programming languages:*
Java, PHP
MySQL for database

B. *Platform:*
Server side: Linux
Client side: Android / Web
Apache for HTTP services

C. *Development environments:*
Eclipse for data-interchange with JSON
NetBeans
Android Development Environment

D. *External tools:*
PHPMyAdmin administrating PHP code and databases
Android Mobile Device Emulator included in Android SDK

E. *Control management tool*
BitBbucket (GitHub Frontend)
GitHub

F. *Project management tool*
Excel SCRUM template

G. *Test automation tool*
JUnit

H. *Bug tracking tool*
GitHub
BugZilla

Coding Standard
Google material design standard
PSR-2 Coding style

III.   ROLES IN TEAM

Product owner: Athar Khodabakhsh
Scrum master: Ahmad Soltani