Project Plan

Team: X-Mates

Brief problem statement

The aim of the project is to create a web application of tools sharing to help neighbors in a community to borrow and lend tools from each other which will be based on the zip codes. This project is created based on the need of people of some kind of tools that they cannot afford.

The web application supports people in the community in their area to communicate with their neighbors to find the proper tools they need at their home. Users are able to edit their personal account and their information and post tools on the website. Borrower requests will go to the owner who has the tools at his/her home and the owner can approve the requests.

Team Members

- Hussein Talib –Test Coordinator
- Wajdi Mohammed Aljedaani – Requirements Coordinator, Team Coordinator
- Rebaz Saleh – Development Coordinator
- Jairo Pavel Veloz Vidal – Configuration Coordinator

Team Communication

The group meetings will be twice a week and take place on Monday and Wednesday in Software Engineering meeting rooms. During these meetings, we will be addressing the deliverables, progress, problems, and implementation of the project. In addition, we will communicate by Google Hangout, Email, and Phone to share members' opinion or if any member needs help out of meeting time.

Development Environment

- Operating System - Windows, Mac OS, Linux
- Programming Language - Python 3.4.3
- Framework - Django 1.8.3
- Sharing Tool - Google Drive
- Modelling Tool - Lucidchart
- IDE, text editor - Eclipse, Pycharm, Notepad ++, Sublime Text
- Database - Sqlite 3.7.11
- Subversion

Milestone Schedule

Milestone	Due Date	Release	Deliverable?
Create draft requirements	09/08/15	R1	No
Finalize requirements	09/12/15	R1	Yes
Design document	09/21/15	R1	Yes
Sign Up	09/16/15	R1	No
Account Management - (change personal info)	09/20/15	R1	No
Tool Management – (registration, status, deregistration)	09/25/15	R1	No
Community Shed creation	10/01/15	R1	No
Tool Listing – availability	10/01/15	R1	No
Code freeze, testing	10/01/15	R1	No
Release 1	10/05/15	R1	Yes
Post Mortem R1	10/09/15	R1	Yes
Release 2 Plan	10/17/15	R2	Yes
Account Management - (change user preferences)	10/23/15	R2	No
Change password, reset password	10/23/15	R2	No
Sharing – (from Community Shed, Home, Change location of tool, change availability, approving a borrower)	10/23/15	R2	No
Borrowing – (request, returning, arrangement)	11/06/15	R2	No
Borrowing history	11/13/15	R2	No
Community Statistics	11/13/15	R2	No
Notification system	11/20/15	R2	No
Test Plan	11/21/15	R2	Yes
Review tools	12/03/15	R2	No
Beta Release	11/16/15	R2	Yes
Cross Team Testing	11/30/15	R2	Yes
Code freeze, testing	12/04/15	R2	No
Release 2	12/07/15	R2	Yes
Post Mortem	12/12/15	R2	Yes