

# Project Plan

Team Account: f610-01a | Team Name: Group1-“Valar Djangoeris”

## Brief problem statement

The Tool Share web application will allow users that live in the same neighborhood<sup>1</sup> to exchange tools of daily use. The application will be user friendly and encourage users to exchange items. In addition, the application will be extensible in order to support other types of items' exchanges in the future.

## Team Members

SNo.	Team Member Name	Role
1	Adriana Sejfia	Requirements Coordinator
2	Ahad Saad Alshaloub	Configuration Coordinator
3	Anupama Garani	Development Coordinator
4	Mazen Fahad Alotaibi	Test Coordinator
5	Palak Sharma	Team Coordinator
6	Prashnna Kumar Gyawali	Development Coordinator

## Team Communication

Meeting times: Monday & Wednesday: 16:15 – 17:45

Meeting location: Team rooms.

Communication technologies: WhatsApp, Google Drive, Slack and Trello

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<sup>1</sup> In this context, neighborhood is defined as the area with the same zip code. Therefore, there will be a total of 43000 neighbourhoods in the United States.

## Development Environment

The basic tools that will be used in this project are as follows:

Language: Python

Web framework: Django

Database: Sqlite

Version Control: SVN

Documentation:

1. Google docs
2. Latex
3. MS-Word

Specifically, the IDEs that will be used are: PyCharm and Python IDE. Regarding the collaboration tools, Trello and/or RedMine will be used.

## Milestone Schedule

SNo.	Milestone	Due Date	Release	Deliverable?
1	Create draft requirements	09/14/2016	R1	No
2	Finalize requirements	09/16/2016	R1	Yes
3	Drafting design document	09/19/2016	R1	No
4	Create design document	09/21/2016	R1	Yes
5	Stable prototype 1 for user interface.	09/21/2016	R1	Yes
6	Test Plan	09/21/2016	R1	Yes
7	-Registration, Log-in and Log-out (feature)	09/28/2016	R1	No
8	-Account Management - change personal info (feature)	09/28/2016	R1	No

9	-Account Management - change user preferences (feature)	10/22/2016	R2	No
10	-Community Shed creation (feature)	10/22/2016	R2	No
11	-Tool Management – registration (feature)	09/28/2016	R1	No
12	-Sharing – from Home (feature)	10/22/2016	R2	No
13	-Sharing – from Community Shed (feature)	10/22/2016	R2	No
14	Thorough R1 Application Testing	10/01/2016	R1	No
15	Final R1 Product	10/05/2016	R1	Yes
16	Incorporate changes in requirement, design document based on customer feedback	10/13/2016	R2	No
17	Test Plan for R2	10/13/2016	R2	Yes
18	-Sharing – change location of tool (feature)	10/20/2016	R2	No
19	-Sharing – change availability (feature)	10/20/2016	R2	No
20	-Sharing – approving a borrower (feature)	10/20/2016	R1	No
21	-Tool Listing – availability (feature)	09/28/2016	R1	No
22	-Borrowing - request (feature)	09/28/2016	R1	No

23	-Borrowing – arrangements (feature)	10/22/2016	R2	No
24	-Borrowing - returning (feature)	09/28/2016	R1	No
25	-Tool Management – deactivation and reactivation (feature)	10/22/2016	R2	No
26	-Tool Management – Status (feature)	10/29/2016	R2	No
27	-Community Statistics (feature)	10/29/2016	R2	No
28	Thorough Application Testing	12/01/2016	R2	No
29	Final R2 product	12/07/2016	R2	Yes