# ICS261: SSAD & Project

| Team number | 30 |
|---|---|
| Project Title | Robustest is a self service testing tool.It is a tool on the cloud for Web an Mobile automation |
| Document | Project Plan |
| Creation date | August 31 2014 |
| Created By | Kavya Nerella, Pooja Shamili Ganti, Shubham Ghiya, Vishal Gupta |
| Client | ReddyRaja Annareddy, Robustest.com |

## Brief problem statement

The project involves building a performance testing tool on cloud.The tool launches multiple virtual machines on the cloud and from each of these machines, it will perform a test on the target website.It is basically a platform to simulate a large number of users and check the performance of your website/web-application.

## Team Members

*Vishal Gupta* - Project Lead

The person will be overseeing the essential development of the project and will act as the spokesperson of the team. Hence, is the Project Lead.

*Pooja Shamili Ganti* - Communication and Meeting Co-ordinator

This person will manage forums and is responsible for communication between the different parties involved. Thus the Communication and Meetings Coordinator.

*Kavya Nerella* - Development Manager

This person is responsible for all essential development of the project along with other team members and will contribute to significant part of the source and hence, Development Manager.

*Shubham Ghiya* - Testing Manager

This person will oversee and conduct most of the testing required for the project along with other testers in the team throughout the project and so, the testing manager.

## Team Communication

The team will meet the client twice a week, tentatively Monday and Thursday.It will meet once among itself on Saturday(again tentatively).The communication is carried out through meeting, emails, team chat and phones.

## Development Environment

**Programming Language** : Python

**Platform** : Google Compute Engine (Iaas), Google App Engine (Paas)

**Frameworks/Libraries** : Flask (Micro-Framework), Jinja2 (Templating Engine). Locust (Load testing tool), AngularJs (MVW Framework)

**Databases**: MongoDb

**VCS**: Git

**Collaboration Tool** : Trello, Google Docs

## Milestone Schedule

| Milestone | Due Date | Release | Deliverable? |
|---|---|---|---|
| *Project Concept Document* | 8/24/14 | - | - |
| *Create draft requirements* | 8/31/14 | | No |
| *Project Plan Document* | 8/31/14 | | Yes |
| *Status Report 1* | 9/4/14 | | Yes |
| *Finalize requirements* | 9/14/14 | | Yes |
| *Software Requirements Specification* | 9/14/14 | | Yes |
| *Status Report 2* | 9/18/14 | | Yes |
| *Test Plan* | 9/22/14 | | Yes |
| *Design Document* | 10/5/14 | | Yes |
| *Status Report 3* | 10/6/14 | | Yes |
| *Release 1* | 10/15/14 | R1 | Yes |
| *Status Report 4* | 10/27/14 | | Yes |
| *Revised Design Document* | 11/4/14 | | Yes |
| *Status Report 5* | 11/10/14 | | Yes |
| *Release 2* | 11/20/14 | R2 | Yes |