ICS261: SSAD & Project

Team number	**25**
Project Title	**Elektoo**
Document	Project Plan
Creation date	**31 August 2015**
Created By	**Prachi Agrawal** **assisted: Vinay Singh, Aman Rai, Ayushi Goyal**
Client	**Ankit Aggarwal, CEO | Fluence Technologies | GRYCS** **Kavuri Hills, Hyderabad**

Brief problem statement

Elektoo – World's first Choice Engine.

The Elektoo project deals with the creation of choice based search engine ,probably the

first of its kind. The present day customer is highly confused over his needs and

requirements.

<u>So the project will try to resolve problems like</u>:

   1.Choice overload

   2.Wrong choices

   3.Unavailability of choice centric IT solutions

and resolving ambiguity in real time like: <u>"Best Samsung phone"</u>, what the user mean by "Best" will be the main feature to narrow down the listing of products.

Team Members

Prachi Agrawal – Technical Expert

Ayushi Goyal – Technical Expert

Aman Rai – Team coordinator

Vinay Singh – Documentation specialist

Team Communication

Communication amongst the team members will mainly be through the "Issue Tracker" provided by bitbucket. Moreover certain discussions can be carried out on Google hangouts group, email, etc.

The team will have one meeting a week with the client , which will be followed by a brief discussion amongst the team members . Further meetings will be planned as per the team's consent and requirements .

Development Environment

As for the development of the application it requires working on both front and backend and to link them using required tech. We also have to take care of the database management.

Tech stack:
- MySQL database

- Sequelize.js, Express.js, Node.js, Angular.js

- HTML & CSS

- Ajax, jQuery, JSON, Javascript

Milestone shedule:

Discuss Project Overview and Scope, Technology Stack and Development environment, Team members roles and responsibilities, SDLC methodology and Guidelines for Team communication and meeting.	17th August	R1	No
Create list of High Level Requirements. And Assign specific requirements to different team members.	31st August	R1	No
Create draft version of Requirements and Design (Technical and Functional) document	14th September	R1	No
Setup development environment and develop E2E Technical flows (touching all components of technical stack, also verify build, debug and deploy) for Choice Query module and Choice Matrix module.	14th September	R1	No
Create final and reviewed version of Requirements and Design (Technical and Functional) document.	28th September	R1	**Yes**
Create DB Tables and other DB objects in mySQL database as per Requirements mentioned in requirements document.	28th September	R1	No
Implement (dev and unit test) Required for Choice Query module	28th September	R1	No
Implement (dev and unit test) Required for Choice Matrix module	28th September	R1	No
Implement (dev and unit test) Requirement for Choice Query module	12th October	R1	No

Implement (dev and unit test) Requirement for Choice Matrix module.	12th October	R1	No
Create DB Tables and other DB objects in mySQL database as per Requirements .	12th October	R1	No
Code Review, fix issues and Integration testing	19th October	R1	No
Prepare demo, presentation and delivery/ Release document for first Release	19th October	R1	**Yes**
Implement (dev and unit test) Requirement for Choice Query module	2nd November	R2	No
Implement (dev and unit test) Requirement for Choice Matrix module	2nd November	R2	No
Code Review, fix issues and Integration testing	16th November	R2	No

*table information is subject to change

Iterations:

- ### Iteration-1:

  -creating DB tables and DB objects via mySQL.

  -implementing (dev and unit test) required for choice Query and matrix modules.

  -further working on the backend technologies and improving it.

- ### Iteration-2:

  -creating tables to maintain choice matrix data for each component of product type and brand.

  -Improving on UI design/layout, how the data to be displayed. Implementation pagination.

  -code review and testing.

- ### Iteration-3:

  In this iteration the main aim will be on:

  -fetching choice matrix and choice search box data from the database's respective tables.

  -Code review, Issue fixing,Integration testing.

  -making the system a learning system.