**Project Plan**

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| --- | --- |
| **Project number** | **SSAD03** |
| **Project Title** | **Artificial Intelligence Bot for FAQ**  **Code Name: Raphael** |
| **Document** | **SSAD Project Plan Document** |
| **Creation date** | **22 - 08 - 2016** |
| **Created By** | **Vighnesh Chenthil Kumar**  **(Other Members: Anubhab Sen, Ananya Trivedi)** |
| **Client** | **Jayanth Rasamsetti, Gibbr** |

# Brief problem statement

Searching for answers to all our questions on the FAQ section of most websites can be quite a tiring process. Users have to scroll through a long list of questions and answers, whether relevant or irrelevant. This can prove quite laborious and frustrating, especially in times of dire need.

This process of searching for answers can be automated by using a smart bot, powered by AI, which could be fed with a set of predetermined questions and answers, and programmed to provide the most relevant answer to the questions asked by the user.

# Team Members

**Vighnesh Chenthil Kumar**

* In charge of communication with the client, TA and instructor
* Documentation of the project status and goals
* Plan meetings
* Write Minutes of Meeting
* Review design created by the team
* Help in training the bot

**Anubhab Sen**

# Front - end and back - end development

* Design the bot
* Help in training the bot

**Ananya Trivedi**

* Market Research
* Help in training the bot

# Team Communication

The team members communicate with each other on a daily basis. A regular meeting is held with the client twice a week. Phone calls are made when urgent decisions have to be made. Online communications take place through the following means:

* Slack: Informal means of messaging between the team members
* WhatsApp: Means of messaging between the team members and the client
* Messenger: Means of messaging between the team members and the TA

# Development Environment

The following are the required tools for the project as of 22-08-2016:

1. Pandora Bots
2. React.js
3. Node.js
4. Express.js
5. jQuery
6. Webpack
7. Babel
8. Jade
9. Pug

10. Body Parser

11. Git, Gitlab (Version Control)

12. Sublime Text (IDE)

13. Textedit, Google Docs, Pages, Microsoft Word (Word Processing)

# Milestone Schedule

|  |  |  |  |
| --- | --- | --- | --- |
| **Milestone** | **Due Date** | **Release** | **Deliverable?** |
| Set up initial meeting with the client | 10/08/16 | R1 | No |
| Understand the requirements and objectives | 07/09/16 | R1 | No |
| Set up Gitlab repository and add client | 20/08/16 | R1 | Yes |
| Project Concept Documentation | 21/08/16 | R1 | Yes |
| Project Plan Documentation | 25/08/16 | R1 | Yes |
| Market Research Documentation | 31/08/16 | R2 | Yes |
| Choose a suitable bot and start training it to answer simple questions | 31/08/16 | R1 | Yes |
| Design and create an interactive UI to insert the bot plugin | 16/09/16 | R1/R2 | Yes |