**PROJECT PLAN DOCUMENT**

**(Due: 17th September, 2017)**

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| Project number | **8** |
| Project Title | **SMILE PLATFORM** |
| Document | **Project Plan** |
| Creation date | ***August 6th 2018*** |
| Created By | **Visvesh Subramanian**  **others who contributed:**   * Aaron Augustine * Sireesha Vakada * Zubair Abid |
| Client | ***Name of the Client Mentor : Priyanka,Vivek***  ***organization/research center : Nexrea*** |

# **Brief problem statement**

SMILE Platform aims to create a brainstorming application for positively gifted children to ask thought-provoking questions and model solutions for them through constructive discussion. It helps to prototype useful ideas and make the children’s innovation a reality for them, turning their ideas into full-blown, marketable inventions, with advice from professionals

# **Team Members**

# Aaron Augustine - Front-end

* Zubair Abid - Back-end
* Sireesha Vakada - Back-end
* Visvesh Subramanian - Documentation

# **Team Communication**

MEETINGS:

Meetings with the client takes place every Friday at 5:00 PM at vindhya canteen ,inside campus.

We also have informal meets amongst ourselves roughly every week.

COMMUNICATION

We have 3 messenger groups,one dedicated for just the four of us,one with our mentor and one with all our batch-mates under our mentor.

# **Development Environment**

For Backend - 1. SQL Alchemy for the database.

1. Django as a framework for the app.
2. Node.js, npm (Node Package Manager) and nvm (Node Version Manager) for handling Javascript and integrating with frontend.
3. Python for backend.

For Frontend - 1. React Javascript library

1. Bootstrap CSS library.
2. jQuery, JSON objects for handling queries and asynchronous operations.
3. Javascript, HTML5 and CSS for frontend.

# **Milestone Schedule**

**RELEASE 1:**

1. **login**
2. **posting questions**
3. **rating questions**
4. **replies**

**RELEASE 2:**

1. **rating users**
2. **profiles**
3. **messaging in closed groups**

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| **Milestone** | **Due Date** | **Release** | **Deliverable?** |
| Create draft requirements | 26/08/18 | R1 | Yes |
| Finalize requirements | 09/09/18 | R1 | Yes |
| Profile Page of User | 02/10/18 | R2 | Yes |
| Login | 02/10/18 | R1 | Yes |
| Posting Questions | 09/10/18 | R1 | Yes |
| Rating Questions | 09/10/18 | R1 | Yes |
| Rating Students | 16/10/18 | R2 | Yes |
| Replies | 01/11/18 | R1 | Yes |
| Messaging in Closed Groups | 01/11/18 | R2 | Yes |