PROJECT PLAN DOCUMENT

Project number	***22***
Project Title	***Plugin for Ontology Extraction***
Document	***Project Plan***
Creation date	***17th September, 2018***
Created By	***SHIKHAR, SAUJAS, ANIRUDHA***
Client	***LALIT MOHAN, SERC, IIIT-H***

Brief problem statement:

- To build an application for accepting or rejecting new concepts/relationships and save the new state after accept/reject request is made in the ontology file.

- Build mechanisms for aggregating the decisions made by multiple experts and generate one final ontology, which takes into account the decisions, made by different users for each concept/relationship and decide which decisions will reflect in the final ontology.

Team Members:

Shikhar.

Saujas.

Anirudha.

Team roles rotating between documentation, writing JavaScript code for frontend, writing Python code for backend.

Team Communication:

- The team will meet in a common room for all the important discussions related to the project.

- The team communicates through online chat and phone calls.

Development Environment:

- WebVOWL: An existing web application that implements visual representation for OWL ontologies.
- Flask: Python module for setting up a web server
- SQLAlchemy: Python interface for SQL databases
- OWLReady2: Python module for reading and writing into OWL files
- Programming Languages: HTML, CSS, JavaScript on the front end. on the backend.
- Development Environment: Text editors and terminal environments.
- Collaboration tools: Git.

Milestone Schedule:

Milestone	Due Date	Release	Deliverable?
A login page and authentication mechanism.		R2	Yes
UI for Accept/Reject functionality.	30-09-18	R1	Yes
Database design for storing OWL files and updating them with expert decisions or addition of new nodes in the visual form of ontology.	30-09-18	R1	Yes
Mechanisms to aggregate expert decisions and weigh them accordingly to generate one final ontology.		R2	Yes
Admin uploads new OWL files.		R2	Yes
Color nodes which have to be annotated	30-09-18	R1	Yes