PROJECT PLAN DOCUMENT

Project number	29
Project Title	Mosquito Corridor Identification and Visualization.
Document	Project Plan
Creation date	31th January, 2020
Cre]ated By	Jaiwanth Mandava Sai Shashank Kalyan Adithya Abhishek Reddy
Client	Mr. Prakash Yalla , Product Labs

Brief problem statement

Software system to establish and visualize paths frequented by mosquitos in IIIT-H campus and thus avoid potential environmental hazards and wastage of resources due to their rampant usage all over the area. The system, using an established map, would help in determining effective eradication methods and alert users whenever they approach a populated area.

Team Members

The members of the team are:-

1. Sai Shashank Kalakonda
2. Jaiwanth Mandava
3. Kalyan Adithya
4. Abhishek Reddy

Team Communication

MEETINGS

Meetings with the client roughly once a week in CIE, inside the campus.

We meet with mentor every wednesday at 5:00pm and have informal meets amongst ourselves roughly twice a week.

COMMUNICATION

We communicate with the client via email and also have two messenger groups, one with our mentor and one with just four of us.

Development Environment

Development environment: Visual Studio Code

Programming Languages: Javascript, Python

API and Tools: ReactJS, React Native,NodeJS, ExpressJS, Mongodb, Openlayers, OSM

Milestone Schedule

Milestone	Due Date	Release	Deliverable?
Create draft requirements	29-01-2020	R1	No
Finalize requirements	02-02-2020	R1	Yes
Login / Logout	15-02-2020	R1	Yes
Map View	29-02-2020	R1	Yes
Sensor Management	29-02-2020	R1	Yes
Export Data	15-03-2020	R2	Yes
Export Map	15-03-2020	R2	Yes
Eradication technique	15-03-2020	R2	Yes
Distress message	29-02-2020	R1	Yes
Sending notification	23-03-2020	R2	Yes

Register new monitor	11-04-2020	R2	Yes
Display targeted video	23-03-2020	R2	Yes
Display targeted message	23-03-2020	R2	Yes
Add new video	11-04-2020	R2	Yes
Add new message	11-04-2020	R2	Yes
Logic builder	15-03-2020	R2	Yes
Disease outbreak Report	29-02-2020	R1	Yes