

PROJECT PLAN DOCUMENT

Project number	29
Project Title	Mosquito Corridor Identification and Visualization.
Document	Project Plan
Creation date	31th January, 2020
Created 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, MongoDB

API and Tools: ReactJS, NodeJS, Mapnik, Geoserver, OSM

Milestone Schedule

Milestone	Due Date	Release	Deliverable?
Create draft requirements		R1	No
Finalize requirements		R1	Yes
Login / Logout		R1	
Map View		R1	
Sensor Management		R2	
Export Data		R2	
Export Map		R2	
Eradication technique		R2	
Distress message		R1	
Sending notification		R2	

Register new monitor		R2	
Display targeted video		R1	
Display targeted message		R1	
Add new video		R2	
Add new message		R2	
Logic builder		R2	