

PROJECT PLANNING PHASE  
MILESTONE AND ACTIVITY LIST

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|--------------|--|
| Date         | 22 OCTOBER 2022                                      |
| Team ID      | PNT2022TMID21552                                     |
| Project Name | EMERGING METHODS FOR EARLY DETECTION OF FOREST FIRES |

| TASK   | DESCRIPTION   | DATE         | STATUS    |
|--|---|--------------|-----------|
| Literature survey and information gathering    | Referring existing solution and papers and gathering ideas  | 3 Sept 2022  | Completed |
| Prepare empathy map                            | Preparing empathy map and problem statement.  | 10 Sept 2022 | Completed |
| Ideation                                       | Discussing ideas and noting ideas from each member and discussing problems which we may encounter   | 17 Sept 2022 | Completed |
| Proposed solution                              | Ranking ideas in terms of feasibility, novelty and uniqueness, scalability of solution.   | 24 Sept 2022 | Completed |
| Problem solution fit and solution architecture | Prepare problem solution fit and solution architecture.   | 1 Oct 2022   | Completed |
| Customer journey map                           | Prepare customer journey map to understand the interaction between users and product and what actions use will take, formulate steps and explain the goals and motivation | 8 Oct 2022   | Completed |
| Solution requirements                          | Preparing functional and non-functional requirements.   | 15 Oct 2022  | Completed |
| Dataflow diagrams                              | Drawing data flow diagrams and writing user stories to better understand the working of product   | 15 Oct 2022  | Completed |
| Milestone and activity list                    | Preparing milestone and activity list to set deadlines.   | 22 Oct 2022  | Completed |
| Sprint delivery plan                           | Preparing sprint delivery plan to set dates for release of project deliverables.  | 22 Oct 2022  | Completed |

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|-----------|--|-------------|-------------|
| Sprint -1 | To develop code for data pre-processing and cleaning and creating model to detect forest fire and test accuracy. | 31 Oct 2022 | In progress |
| Sprint -2 | To develop an alarm system, use Twilio to send alert and test the codes  | 5 Nov 2022  | In progress |
| Sprint -3 | To develop a dashboard and test codes  | 12 Nov 2022 | In progress |
| Sprint-4  | To develop the complete project and deploy on cloud  | 19 Nov 2022 | In progress |

