

Project Planning Phase
Milestone and Activity list

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| Date | 10 November 2022 |
| Team ID | PNT2022TMID16274 |
| Project Name | Project - Car Resale value Prediction |

| TITLE | DESCRIPTION | DUE DATE |
|---|--|-------------------|
| Literature survey & Information gathering | Literature survey on the selected topic and collect information by referring to the related papers and research projects, journals etc. | 3 September 2022 |
| Prepare Empathy Map | Prepare empathy map canvas to understand about the user problems, pains and gains. From the empathised details, prepare the problem statements to be solved. | 10 September 2022 |
| Ideation | Conduct a brainstorming session with the teammates and discuss ideas to solve the problem. Prioritize the top 3 ideas based on feasibility. | 17 September 2022 |
| Proposed Solution | Prepare the proposed solution which includes the novelty, feasibility, revenue, social impact, scalability etc. | 24 September 2022 |
| Problem Solution Fit | Prepare the problem solution fit which includes the causes, problems and solutions of the problem. | 1 October 2022 |
| Solution Architecture | Prepare solution architecture that indicates the data flow from the user, model and the website. | 1 October 2022 |

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| Customer Journey | Prepare the customer journey map to understand the user needs and experience with the application. | 8 October 2022 |
| Functional Requirement | Prepare the functional requirement which includes all the features that will be available in the application. | 15 October 2022 |
| Technology Architecture | Prepare the technology architecture that defines about the technologies and the IBM cloud features used in the application. | 15 October 2022 |
| Data Flow Diagrams | Draw the data flow diagram to indicate the data flow from the user, during the model building and while predicting the result, | 15 October 2022 |
| Prepare Milestone & Activity List | Split the entire project into simpler tasks and prepare milestones and activity list of the project. | 22 October 2022 |
| Sprint Delivery Plan | Prepare a delivery plan of the project with specific due dates to complete each sprint consisting of a set of functional requirements. | 22 October 2022 |
| Project Development - Delivery of Sprint-1, 2, 3 & 4 | Develop, test and submit the code. | 19 November 2022 |

| MILESTONES | ACTIVITY LIST |
|---------------|---|
| Milestone – 1 | Dataset collection and pre-processing |
| Milestone – 2 | Training, Building and deploying the model |
| Milestone – 3 | Create a homepage of the web application |
| Milestone – 4 | Complete user authentication(registration/login) |
| Milestone – 5 | Complete the user dashboard to add car and features |
| Milestone – 6 | Integrate the model with the web application |
| Milestone – 7 | Complete the price predicting feature |