

**Project Planning Phase**  
**Milestone and Activity list**

|              |                                       |
|--------------|---------------------------------------|
| Date         | 22 October 2022                       |
|              |                                       |
| 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    |
| Customer Journey                          | Prepare the customer journey map to understand the user needs and experience with the application.   | 8 October 2022    |

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|--|--|------------------|
| 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               |