

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

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| Date | 24 October 2022 |
| Team Members | 917719C051,917719C069,917719C079,917719C136 |
| Project Name | Project – Car Resale Value Prediction |
| Maximum Marks | 4 Marks |

Functional Requirements:

Following are the functional requirements of the proposed solution.

| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task) |
|--------|--|---|
| FR-1 | Take the inputs of necessary car feature. | Input is taken as a form which will be displayed in the interface. |
| FR-2 | Take only the necessary feature into account | Unwanted features from the dataset are removed much before training the model. |
| FR-3 | Accurate prediction of price | Machine learning model is chosen in such a way that maximum accuracy is achieved. |

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

| FR No. | Non-Functional Requirement | Description |
|--------|----------------------------|---|
| NFR-1 | Usability | The application will be extremely easy to handle as it will be designed in such a way that anyone could easily use it without the need of having any prior knowledge on how to use it |
| NFR-2 | Reliability | The application will perform all the functions that the user expected |
| NFR-3 | Availability | The application will be reliable and responsive |
| NFR-4 | Scalability | Scalability of the application is ensured by effectively supporting multiple users simultaneously |