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| **ProjectDesignPhase-II**  **SolutionRequirements(Functional&Non-functional)**   |  |  | | --- | --- | | **Date** | **15October2022** | | **TeamID** | **PNT2022TMID42057** | | **ProjectName** | **Project–Carresalevalueprediction** | | **MaximumMarks** | **4Marks** |   **FunctionalRequirements:**   |  |  |  | | --- | --- | --- | | **FRNo.** | **FunctionalRequirement(Epic)** | **SubRequirement(Story/Sub-Task)** | | FR-1 | UserRegistration | UsingEmailIDandsettinguppassword. | | FR-2 | UserConfirmation | ConfirmationviaEmail. | | FR-3 | Userlogin | UsingtheregisteredEmailIDandpassword. | | FR-4 | Dashboard | Viewingtheprofile,pagesnavigation. | | FR-5 | ValuePrediction | Predictingthecarresalevalueusingthedetailsgivenbytheuser | | FR-6 | Feedback | Collectingfeedbackagainsttheaccuracyofthepredictionforfurtherimprovement |   **Non-functionalRequirements:**   |  |  |  | | --- | --- | --- | | **FRNo.** | **Non-FunctionalRequirement** | **Description** | | NFR-1 | **Usability** | Predictingtheusedcarresalevalue. | | NFR-2 | **Security** | Providingsecuritytothewebsite. | | NFR-3 | **Reliability** | Providingbetterreliabilitybygatheringinformationaboutthecarfromtheuserandpredictingvaluesforvarioustypesofcars. | | NFR-4 | **Performance** | Usingmachinelearningtechniquessuchasrandomforestregressortoprovideexcellentperformanceandaccuracy. | | NFR-5 | **Availability** | Itisusedforalltypesofcars | | NFR-6 | **Scalability** | Predictingvaluesfordifferenttypesofcars | |