**IdeationPhase**

**Brainstorm&IdeaPrioritizationTemplate**

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| --- | --- |
| **Date** | 19September2022 |
| **TeamID** | PNT2022TMID42057 |
| **ProjectName** | CarResalevaluePrediction |
| **MaximumMarks** | 4Marks |

**Step-1:TeamGathering,CollaborationandSelecttheProblemStatement**



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| TopredicttheresalevalueforusedcarsusingMachineLearningalgorithms. |

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| **PROBLEM**  Carresalevaluepredictionisthesystemtopredicttheamountofresalevaluedbasedontheparametersprovidedbytheuser. |

**Step-2:Brainstorm,IdeaListingandGrouping**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | HEMNATH |  |  | | --- | | Tocomparetheir  accuracies |  |  | | --- | | Topredicttheresultsthroughthemusingtrainingdata |  |  | | --- | | Itcontains  Registered  Module |  |  | | --- | | Login  module |  |  | | --- | | Resalevalueprediction  module |  |  | | --- | | KIRUTHICROSHAN |  |  | | --- | | We  preprocess  and  removes  entrieswithNAvalues |  |  |  | | --- | --- | | TheSystemworksonthetrained  datasetof  themachinelearning  program | Toremove  samples  thathave  missing  value | |  |  |  | | --- | | Identify  important  features  thatreflect  thatprice |  |  | | --- | | Python  languageis  usedto  predictthe  amountof  resalevalue |  |  |  | | --- | --- | | 2 |  | |  | KalaiyHAarasu |  |  | | --- | | Tofixany  discrepanciesintheunits |  |  | | --- | | GUNASEKARAN |  |  | | --- | | UIinterface  togetinput  fromuser  usingHTML,CSS,  javascript |   HARINI  **Step-3:IdeaPrioritization** |

**3.Groupideas**

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| --- | --- |
| Writing  pythonflaskserver  Userentersthedetailsofthe  carintothe  givenform   |  | | --- | | Topredictthe  amountofresalevaluebasedontheuser’sinput | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | UIinterfacetogetinputfromuserusing  HTML,CSS,  javascript |  | Usercanenter  detailslike  purchasepriceofcar,km,fuelofcar,yearofthe  purchase |  | Todisplaytheresalevalueofcar | |  | | |

**Step-3:IdeaPrioritization**

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| **4.Prioritize** |

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| |  | | --- | | Importance | | |  | | --- | | Topredicttheresultsthroughthemusingtrainingdata |  |  | | --- | | We  preprocess  and  removes  entrieswithNAvalues |  |  | | --- | | Identify  important  features  thatreflect  thatprice |  |  | | --- | | UIinterface  togetinput  fromuser  usingHTML,CSS,  javascript |  |  | | --- | | Python  languageis  usedto  predictthe  amountof  resalevalue |      |  | | --- | | Feasibility | |