Project Planning Phase

**Sprint Delivery Plan**

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| Date | 28 October 2022 |
| Team ID | PNT2022TMID36535 |
| Project Name | INTELLIGENT VECHICLE DAMAGE ASSESSMENT & COST ESTIMATOR FOR INSURANCE COMPANIES |
| MAX MARKS | 8 MARKS |

# Product Backlog, Sprint Schedule, and Estimation (4 Marks)

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| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | DATA COLLECTION | USN-1 | A vgg16 model that can detect the area of damage on a car. The rationale for such a model is that it can be used by insurance companies for faster processing of claims if users can upload pic and the model can assess the damage and estimates the cost of damage. | 10 | Medium | J. JAYAKRISHNA  V.A.A. SRIKUMAR  SHEKHINA RAY PRADHAN  J. GOKUL  J.P. PURUSHOTHAMAN |
| Sprint-1 | IMAGE PREPROCESSING | USN-2 | Image processing-Image processing technology automatically detects damage to the car by using the vgg16 model and CNN used for image recognition and tasks that involve the processing of pixel data. | 7 | Medium | J. JAYAKRISHNA  V.A.A. SRIKUMAR  SHEKHINA RAY PRADHAN  J. GOKUL  J.P. PURUSHOTHAMAN |
| Sprint-2 | TRAINING AND TESTING | USN-3 | The model is trained for estimating the cost for damage and the testing is done in the CNN for the damage & cost estimation. | 10 | High | J. JAYAKRISHNA  V.A.A. SRIKUMAR  SHEKHINA RAY PRADHAN  J. GOKUL  J.P. PURUSHOTHAMAN |
| Sprint-3 | REVIEWING THE MODEL | USN-4 | The main task is to check the damage to the car and estimate the cost of the damage. | 7 | Medium | J. JAYAKRISHNA  V.A.A. SRIKUMAR  SHEKHINA RAY PRADHAN  J. GOKUL  J.P. PURUSHOTHAMAN |
| Sprint-4 | IMPLEMENTATION | USN-5 | After completing every step the model is implemented on the damaged car and the quick responses are collected from the web application | 10 | High | J. JAYAKRISHNA  V.A.A. SRIKUMAR  SHEKHINA RAY PRADHAN  J. GOKUL  J.P. PURUSHOTHAMAN |