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| Date | 18 October 2022 |
| Team ID | PNT2022TMID28829 |
| Project Name | Project – Natural Disaster intensity analysis and classification using AI |
| Maximum Marks | 8 Marks |

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

Use the below to create product backlog and sprint schedule

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Design web application | USN-1 | Design a web application which facilitates the satellite images | 20 | High | Nandhini,  sharuka |
| Sprint-2 | Data collection | USN-2 | The data required for building the model has to be collected from mosdac website for training the model | 10 | High | Supriya, Nandhini |
| Sprint-2 | Image processing | USN-3 | Pre-processor the collected data which is downloaded from the website it prevents the unnesscary variance. | 20 | Medium | Srikarthikeyan,  supriya |
| Sprint-3 | Model building  functional requirement | USN-4 | Computer vision model for landslide intensity estimation is important so that user | 2 | Medium | Sharuka,  srikarthikeyan |
| Sprint | Functional  requirement | User story number | **User story /task** | **Story**  **points** | **priorty** | Team member |
| Sprint3 | Model testing | USN-5 | Once the model is trained completely test the model on data that it has not seen before to ensure its performance | 10 | medium |  |
| Sprint 4 | Testing | USN-6 | Once the web application is bulit successfully perform series of test on the application to ensure its performance. | 5 | high |  |
| Sprint 4 | Deployment | USN-7 | Depoly the complete web application into clous using pipelining | 5 | medium |  |