Project Planning Phase

**Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)**

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| Date | 18 October 2022 |
| Team ID | PNT2022TMID53159 |
| Project Name | Project - AI-Based localization and classification of skin disease with erythema |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

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| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 8 | High | Nandhini& Narmadha |
| Sprint-1 |  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 5 | High | Keerthana&  Koumiya |
| Sprint-1 | Login | USN-3 | As a user, I can log into the application by entering email & password | 7 | High | Nandhini&Keerthana |
| Sprint-2 | Dashboard | USN-4 | As a user, I will be given an optional video demo about how to use the system | 10 | High | Narmadha&Koumiya |
| Sprint-2 |  | USN-5 | As a user, I can upload an image of the affected area | 10 | High | Nandhini&Koumiya |
| Sprint-3 | Image Processing |  | The image uploaded by the user will be pre- processed and subsequently fed into the trained YOLO model. | 10 | Medium | Keerthana& Narmadha |
| Sprint-3 |  |  | Model will classify localize the infected area if found | 10 | High | Nandhini& Narmadha |
| Sprint-4 | Report Generation | USN-6 | As a user, I will be provided the report containing information of my skin disease if found | 5 | Medium | Keerthana&  Koumiya |

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| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-4 |  | USN-7 | As I will be able to see the localized region if found by the model | 5 | High | Narmadha |
| Sprint-4 | Sending email | USN-8 | Report of the prediction will be sent to the email address provided by the user | 5 | High | Koumiya |
| Sprint-4 |  | USN-9 | User will be able to download the localized image and can log out. | 5 | High | Keerthana |