**Project Planning Phase**

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

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID03542 |
| 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)**

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| **Sprint** | **Functional**  **Requirement (Epic)** | **User Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Prerequisites | USN-1 | Install Python IDE, Python packages,  Microsoft Visual Object Tagging Tool, Yolo Structure | 3 | High | Hemapriya.B  Dhivya dharshini.S  Dhivya dharshini.J  Annapoorani.S |
| Sprint-1 | Data Collection | USN-2 | Dataset should be collected from google or using a Chrome extension such as Fatkun Batch Downloader | 3 | High | Hemapriya.B  Dhivya dharshini.S  Dhivya dharshini.J  Annapoorani.S |
| Sprint-1 | Annotate Images | USN-3 | Create A Project in VOTT (Microsoft's Visual  Object Tagging Tool) | 2 | Medium | Hemapriya.B  Dhivya dharshini.S  Dhivya dharshini.J  Annapoorani.S |
| Sprint-2 | Training YOLO | USN-4 | train our model using YOLO weights | 2 | Medium | Hemapriya.B  Dhivya dharshini.S  Dhivya dharshini.J  Annapoorani.S |
| Sprint-2 |  | USN-5 | To Download and Convert Pre-Trained  Weights | 3 | High | Hemapriya.B  Dhivya dharshini.S  Dhivya dharshini.J  Annapoorani.S |
| **Sprint** | **Functional**  **Requirement (Epic)** | **User Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-2 |  | USN-6 | To Train YOLOv3 Detector | 3 | High | Hemapriya.B  Dhivya dharshini.S  Dhivya dharshini.J  Annapoorani.S |
| Sprint-3 | Cloudant DB | USN-7 | Register & Login to IBM Cloud | 3 | High | Hemapriya.B  Dhivya dharshini.S  Dhivya dharshini.J  Annapoorani.S |
| Sprint-3 |  | USN-8 | Create Service Instant and Credentials | 2 | Medium | Hemapriya.B  Dhivya dharshini.S  Dhivya dharshini.J  Annapoorani.S |
| Sprint-3 |  | USN-9 | Launch DB and Create database | 3 | High | Hemapriya.B  Dhivya dharshini.S  Dhivya dharshini.J  Annapoorani.S |
| Sprint-3 | Development Phase | USN-10 | To build a web application | 3 | High | Hemapriya.B  Dhivya dharshini.S  Dhivya dharshini.J  Annapoorani.S |
| Sprint-3 |  | USN-11 | Building HTML pages with python code | 2 | Medium | Hemapriya.B  Dhivya dharshini.S  Dhivya dharshini.J  Annapoorani.S |
| Sprint-3 |  | USN-12 | To run the application | 3 | High | Hemapriya.B  Dhivya dharshini.S |
| Sprint-4 | Testing Phase | USN-13 | As a user login to dashboard | 2 | Medium | Hemapriya.B  Dhivya dharshini.S |
| Sprint-4 |  | USN-14 | As a user import the images with skin diseases to the software application | 2 | Medium | Hemapriya.B  Dhivya dharshini.J |
| Sprint-4 |  | USN-15 | YOLO processes the image and give the necessary details | 3 | High | Hemapriya.B |