**Project Planning Phase**

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

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| Date | 31 October 2022 |
| Team ID | PNT2022TMID30346 |
| Project Name | 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 | Prerequisites | USN-1 | Install Python IDE, Python packages, Microsoft Visual Object Tagging Tool, Yolo Structure | 7 | High | Jayapriya.VNishanthi.A |
| Sprint-1 | Data Collection | USN-2 | Dataset should be collected from realtime or from gallery or collect it from google | 10 | High | Sathya.M  Subashini.E |
| Sprint-1 | Annotate Images | USN-3 | Create a project in Visual Object Tagging Tool | 3 | Medium | Jayapriya.VNishanthi.A |
| Sprint-2 | Training YOLO | USN-4 | In this we will train our model using YOLO weights | 5 | Medium | Sathya.M  Subashini.E |
| Sprint-2 |  | USN-5 | Download and convert pre-trained weights | 5 | High | Jayapriya.VNishanthi.A |
| Sprint-2 |  | USN-6 | To start training run the training script within the YOLO structure. | 10 | Low | Jayapriya.VNishanthi.A  Sathya.M  Subashini.E |

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| Sprint-3 | Cloudant DB | USN-7 | Register and Login to IBM Cloud | 5 | Medium | Jayapriya.VNishanthi.A  Sathya.M  Subashini.E |
| Sprint-3 |  | USN-8 | Create Service Instant and credentials | 5 | High | Jayapriya.VNishanthi.A  Sathya.M  Subashini.E |
| Sprint-3 |  | USN-9 | Launch Cloudant DB and then create database | 2 | High | Jayapriya.VNishanthi.A  Sathya.M  Subashini.E |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-3 | Developing Phase | USN-10 | In this build a web application that is integrated to the caffemodel. | 3 | Low | Jayapriya.V |
| Sprint-3 |  | USN-11 | For this build HTML pages | 2 | Medium | Sathya.M  Subashini.E |
| Sprint-3 |  | USN-12 | Develop and build the python code to run the application. | 3 | Medium | Nishanthi.A |
| Sprint-4 | Testing phase | USN-13 | As a user login to the dashboard | 10 | High | Jayapriya.VNishanthi.A |
| Sprint-4 |  | USN-14 | As a user import the skin affected disease image to the software application. | 5 | Medium | Nishanthi.A  Sathya.M |

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| Sprint-4 |  | USN-15 | YOLO will process the image and give the result as unaffected or affected with other details | 5 | Medium | Sathya.M |