**Project Planning Phase**

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

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| --- | --- |
| Date | 22 October 2022 |
| Team ID | PNT2022TMID22465 |
| Project Name | Deep Learning Fundus Image Analysis for Early Detection of Diabetic Retinopathy |
| Maximum Marks | 8 Marks |

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

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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional**  **Requirement (Epic)** | **Functional**  **Requirement (Epic)** | **User Story / Task** | **Story Points** | **Story Points** | **Team**  **Members** |
| Sprint-1 | Screening method | USN-1 | As a user, I can find the method more efficient and accurate | 7 | High | Prathiba.T |
| Sprint-2 |  | USN-2 | As a user, I can use it with minimal physical  interaction with the device. | 6 | Medium | Yamuna.v |
| Sprint-4 | Physical features | USN-3 | As a user, I can use it with minimal physical  interaction with the device. | 10 | Low | S.Pooja |
| Sprint-3 | Safety | USN-4 | As a user, I can be safe as the detection method is free from radiations. | 8 | High | Lavanya.N |
| Sprint-1 | Testing | USN-5 | As a user, I can undergo testing without any fear of pain as this method is pain-free. | 7 | Low | Jeevika.K |
| Sprint-3 |  | USN-6 | As a user, I will be comfortable as it requires minimum/no human involvement. | 3 | Medium | Prathiba.T&Pooja.S |
| Sprint-1 | Results | USN-7 | As a user, I can rely on the results without any  suspicion. | 6 | High | Prathiba.T |
| Sprint-3 |  | USN-8 | As a user, I can benefit from the result as it  will help me know whether treatment is  necessary or not. | 8 | Medium | Jeevika.K |
| Sprint-2 |  | USN-9 | As a user, I can get the results on the spot  immediately after the screening process. | 7 | Low | Yamuna.V |
| Sprint-4 | Results | USN-10 | As a user, I can complete the screening  process within minutes for a single patient. | 10 | Medium | Lavanya.N&Yamuna.v |
| Sprint-3 | Cost-effectiveness | USN-11 | As a user, I can reach many people suffering  from diabetes. | 4 | Medium | Prathiba.T |
| Sprint-2 |  | USN-12 | As a user, I can create awareness among  diabetic patients to undergo frequent | 7 | Low | Yamuna.V&Pooja.V |