Project Planning Phase

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

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID36181 |
| Project Name | Project – Early detection of chronic kidney disease using machine learning |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Registration | USN-1 | User can register the diagnosis tool by entering an email and password and receives confirmation of email finally registration can applied. | 6 | Medium | Pooja P |
| Sprint-1 | Login | USN-2 | User can log into the application by using email and password | 7 | High | Sowthami M |
| Sprint-1 | Dashboard | USN-3 | User can see their past records and activities | 7 | High | Pooja P |
| Sprint-2 | Entry form | USN-4 | User must enter the pre-diagnosis test results | 7 | High | Pavithra B |
| Sprint-2 | Report | USN-5 | User can view the report generations using the diagnosis tools | 6 | Medium | Jenifer P |
| Sprint-3 | Features | USN-6 | Administrator should identify the most accurate factors that helps to lead the chronic kidney disease based on the trend | 7 | High | Ashwini S |
| Sprint-3 | Queries | USN-7 | Customers caring executive that should face problems through Q&A | 7 | High | Jenifer P |
| Sprint-4 | Remedies | USN-8 | User receives the remedies to treat the disease | 6 | Medium | Ashwini S |
| Sprint -4 | Feedback | USN-9 | Customer care executive to tools enhancement | 6 | Medium | Sowthami M |
| Sprint-4 | Train model | USN-10 | Administrator must use the most significant ML model for CKD detection | 7 | High | Pavithra B |

# Project Tracker, Velocity & Burndown Chart: (4 Marks)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points**  **Completed (as on Planned End Date)** | **Sprint Release Date (Actual)** |
| Sprint-1 | 20 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 19 Nov 2022 |