**Project Planning Phase**

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

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| --- | --- |
| Date | 15 June 2025 |
| Team ID | LTVIP2025TMID60014 |
| Project Name | Health ai: intelligent healthcare assistant using ibm granite |
| Maximum Marks | 5 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 | Patient Registration | USN-1 | As a patient, I can register for health AI application by entering my medical ID, email, password, and confirming my password. | 3 | High |  |
| Sprint-1 | Patient Registration | USN-2 | As a patient, I will receive confirmation email once I have registered for the application | 1 | High |  |
| Sprint-2 | Patient Registration | USN-3 | As a patient, I can register for health AI application through my Google Health account. | 2 | Medium |  |
| Sprint-1 | Patient Registration | USN-4 | As a patient, I can register for health application using my apple health account | 2 | Medium |  |
| Sprint-2 | Patient Login | USN-5 | As a patient, I can log into the health AI application by entering email & password | 1 | High |  |
| Sprint-2 | Dashboard | USN-6 | As a patient ,I can view my personalized health dashboard displaying key metrics and recommendations | 4 | High |  |
| Sprint-3 | Symptom checker | USN-7 | As a patient, I can input my symptoms and receive potential condition suggestions from the AI | 5 | High |  |
| Sprint-4 | Health record access | USN-8 | As a patient, I can securely access my electronic health records within the application | 5 | High |  |

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

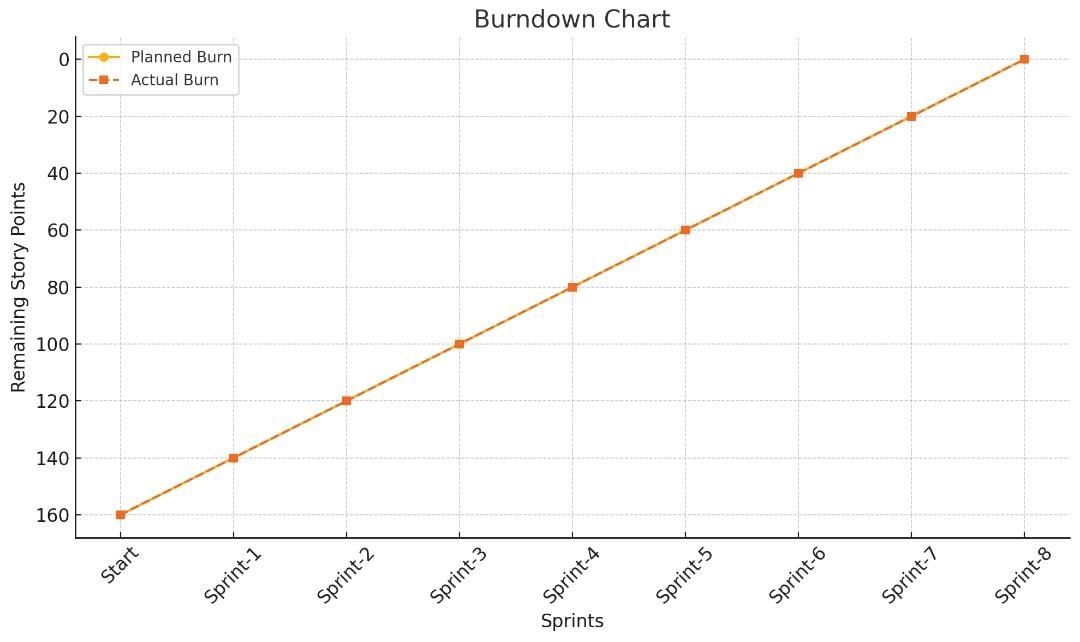
| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points Completed (as on Planned End Date)** | **Sprint Release Date (Actual)** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | 20 | 6 Days | 01 Jun 2025 | 06 Jun 2025 | 20 | 06 Jun 2025 |
| Sprint-2 | 20 | 6 Days | 08 Jun 2025 | 13 Jun 2025 | 20 | 13 Jun 2025 |
| Sprint-3 | 20 | 6 Days | 15 Jun 2025 | 20 Jun 2025 | 20 | 20 Jun 2025 |
| Sprint-4 | 20 | 6 Days | 22 Jun 2025 | 27 Jun 2025 | 20 | 27 Jun 2025 |
| Sprint-5 | 20 | 6 Days | 29 Jun 2025 | 04 Jul 2025 | 20 | 04 Jul 2025 |
| Sprint-6 | 20 | 6 Days | 06 Jul 2025 | 11 Jul 2025 | 20 | 11 Jul 2025 |
| Sprint-7 | 20 | 6 Days | 13 Jul 2025 | 18 Jul 2025 | 20 | 18 Jul 2025 |
| Sprint-8 | 20 | 6 Days | 20 Jul 2025 | 25 Jul 2025 | 20 | 25 Jul 2025 |

**Velocity:**

We have a 6-day sprint duration, and the velocity of the team is 20 (points per sprint). Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day)

AV=Velocity/Sprint duration=20/6=3.3 (story points per day)

**Burndown chart:**

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