Project Planning Phase

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

|  |  |
| --- | --- |
| **Date** | 22 October 2022 |
| **Team ID** | PNT2022TMID02476 |
| **Project Name** | Project - Visualizing and Predicting Heart  Diseases with an Interactive Dash Board |
| **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 Requireme-nt (Epic)** | **User Story Number** | **User Story / Task** | **Story points** | **Priority** | **Team Members** |
| Sprint- 1 | Registrati -on | USN-1 | As a user, I can register for the application by entering my email,  password, and confirming | 10 | high | VIGNESHWAR  VENKATESH  RAGHURAM  RAMACHANDRAN |
| my password. |
|  |  | USN-2 | As a user, I will receive confirmation email once I have registered for the  application | 5 | High | VIGNESHWAR  VENKATESH  RAGHURAM  RAMACHANDRAN |
|  |  | USN-3 | As a user, I can register for the application through Gmail | 5 | High | VIGNESHWAR  VENKATESH  RAGHURAM  RAMACHANDRAN |
| Sprint- | Login | USN-4 | After Registration | 20 | High | VIGNESHWAR  VENKATESH  RAGHURAM  RAMACHANDRAN |
| 2 | Login page will appear, |
|  | the user will login |
|  | using the login |
|  | credentials |
| Sprint- 3 | Dashboar d | USN-5 | The user is allowed to view or update is profile | 10 | Medium | VIGNESHWAR  VENKATESH |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | USN-7 | The user can change password | 10 | Medium | RAGHURAM  RAMACHANDRAN |
| Sprint- | Classified | USN-8 | Home -Analyse your | 5 | High | VIGNESHWAR  VENKATESH  RAGHURAM  RAMACHANDRAN |
| 4 | result | Heart |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  | USN-9 | The user will have | 10 | High | VIGNESHWAR  VENKATESH  RAGHURAM  RAMACHANDRN |
|  | to fill in the 13 |  |  |
|  | required fields for |  |  |
|  | the system to predict |  |  |
|  | a heart disease |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  | USN- 10 | The report is generated based on the condition | 5 | Medium | VIGNESHWAR |

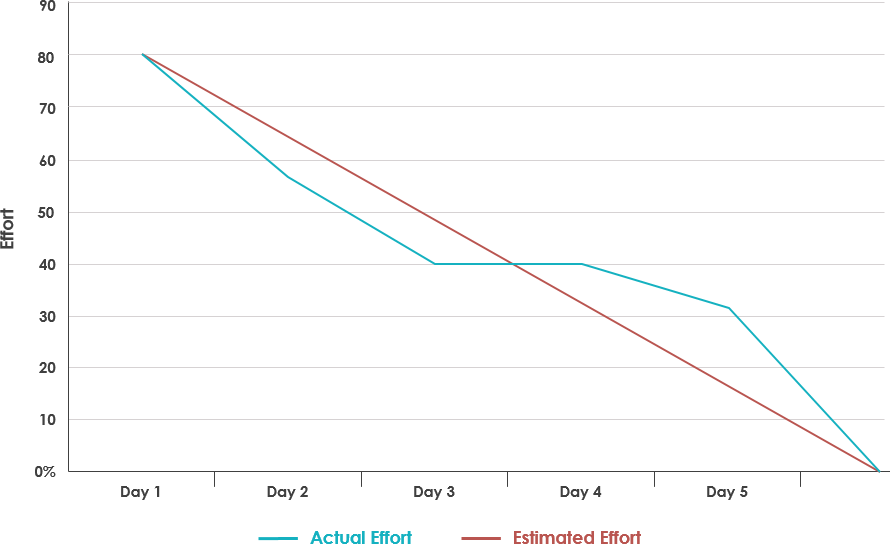
Project Tracker, Velocity & Burn down Chart: (4 Marks)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | 26 Oct 2022 |
| **Sprint-2** | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 02 Nov 2022 |
| **Sprint-3** | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 09 Nov 2022 |
| **Sprint-4** | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 16 Nov 2022 |

**Velocity: Imagine we have a 10-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=Sprint duration/Velocity =20/6 =3.33**

**BURNDOWN CHART**

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