**Project Planning Phase**

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

|  |  |
| --- | --- |
| **Date** | 27 October 2022 |
| **Team ID** | PNT2022TMID28768 |
| **Project Name** | Visualizing And Predicting Heart Diseases with An Interactive Dashboard |

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

Use the below template to create product backlog and sprint schedule

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional** **Requirem**  **ent (Epic)** | **User**  **Story** **Numbe**  **r** | **User Story / Task** | **Acceptance**  **criteria** | **Story points** | **Priority** | **Team**  **Members** |
| Sprint1 | Registration | USN-1 | As a user, I can register for the Cognos Analytics by entering Email, password, and confirm password. | I can access my account / dashboard. | 10 | High | Raju,Uday,Madhu,Jayanth |
|  |  | USN-2 | As a user, I can register for the application through Gmail. | I can register & access the dashboard with gmail login. | 10 | High | Raju,Uday,Madhu,Jayanth |
| Sprint-  2 | Login | USN-3 | After Registration | I can register | 20 | High | Raju,Uday,Madhu,Jayanth |
|  |  |  | Login page will appear, the user can login | & access the dashboard |  |  |  |
|  |  |  | using the login | with gmail |  |  |  |
|  |  |  | credentials. | login. |  |  |  |
| Sprint3 | Cognos  Dashboard  d | USN-4 | The user is allowed to view or update his/her profile. | I can see the profile. | 10 | Medium | Raju,Uday,Madhu,Jayanth |
|  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | USN-5 | The user can change the password. | I am able to change the password. | 10 | Medium | Raju,Uday,Madhu,Jayanth |
| Sprint- | Classified | USN-6 | Home - Analyse your | I can predict | 5 | High | Raju,Uday,Madhu,Jayanth |
| 4 | result |  | Heart. | the heart condition. |  |  |  |
|  |  | USN-7 | The user will have to fill in the 13 required fields for the system to predict a heart disease. | As a user, I can enter the datas in the specified fields. | 10 | High | Raju,Uday,Madhu,Jayanth |
|  |  | USN8 | The report is generated based on the condition. | The user is able to view or download the report. | 5 | Medium | Raju,Uday,Madhu,Jayanth |

**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 | 28 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 5-day sprint duration, and the velocity of the team is 10 (points per sprint).

Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day)

**AV = Sprint duration / velocity = 10/5 = 2**

**Burndown chart:**

