**Project Planning Phase**

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

| Date | 18 October 2022 |
| --- | --- |
| Team ID | 609691 |
| Project Name | Deep Learning Model For Eye Disease Prediction |
| 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 | Web hosting | USN-1 | As a user, I am able to access the web app from the desktop. It is working. | 2 | High | Advait |
| Sprint 2 | POST/GET request | USN-2 | As a user, I am able to select an image of my choice | 2 | High | Advait |
| Sprint 3 | Python Script | USN-3 | As a user, I am able to get a prediction result after uploading the retina image | 2 | Moderate | Vaibhav |
| Sprint 1 | Web hosting | USN-4 | As a user, I am able to access the web app from my smartphone. | 2 | High | Vaibhav |
| Sprint 4 | Trained Machine Learning model | USN-5 | As a user, I am able to get varied predicted values as per my input. | 2 | High | Advait |
| Sprint 5 | ML Model | USN-6 | As an admin, I am able to edit changes in the ML model. | 2 | Low | Harsh |
| Sprint 6 | UI/UX (HTML/CSS/JS) | USN-7 | As an admin, I am able to modify UI/UX as per user convenience. | 2 | High | Harsh |

**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 | 2 | 4 Days | 14 Oct 2023 | 18 Nov 2023 | 4 | 14 Oct 2022 |
| Sprint-2 | 2 | 8 Days | 18 Nov 2023 | 25 Nov 2023 | 2 | 14 Oct 2022 |
| Sprint-3 | 2 | 7 Days | 26 Nov 2023 | 02 Nov 2023 | 2 | 14 Oct 2022 |
| Sprint-4 | 2 | 8 Days | 02 Nov 2023 | 09 Nov 2023 | 2 | 14 Oct 2022 |
| Sprint-5 | 2 | 8 Days | 09 Nov 2023 | 16 Nov 2023 | 2 | 14 Oct 2022 |
| Sprint-6 | 2 | 5 Days | 16 Nov 2023 | 20 Nov 2023 | 2 | 14 Oct 2022 |

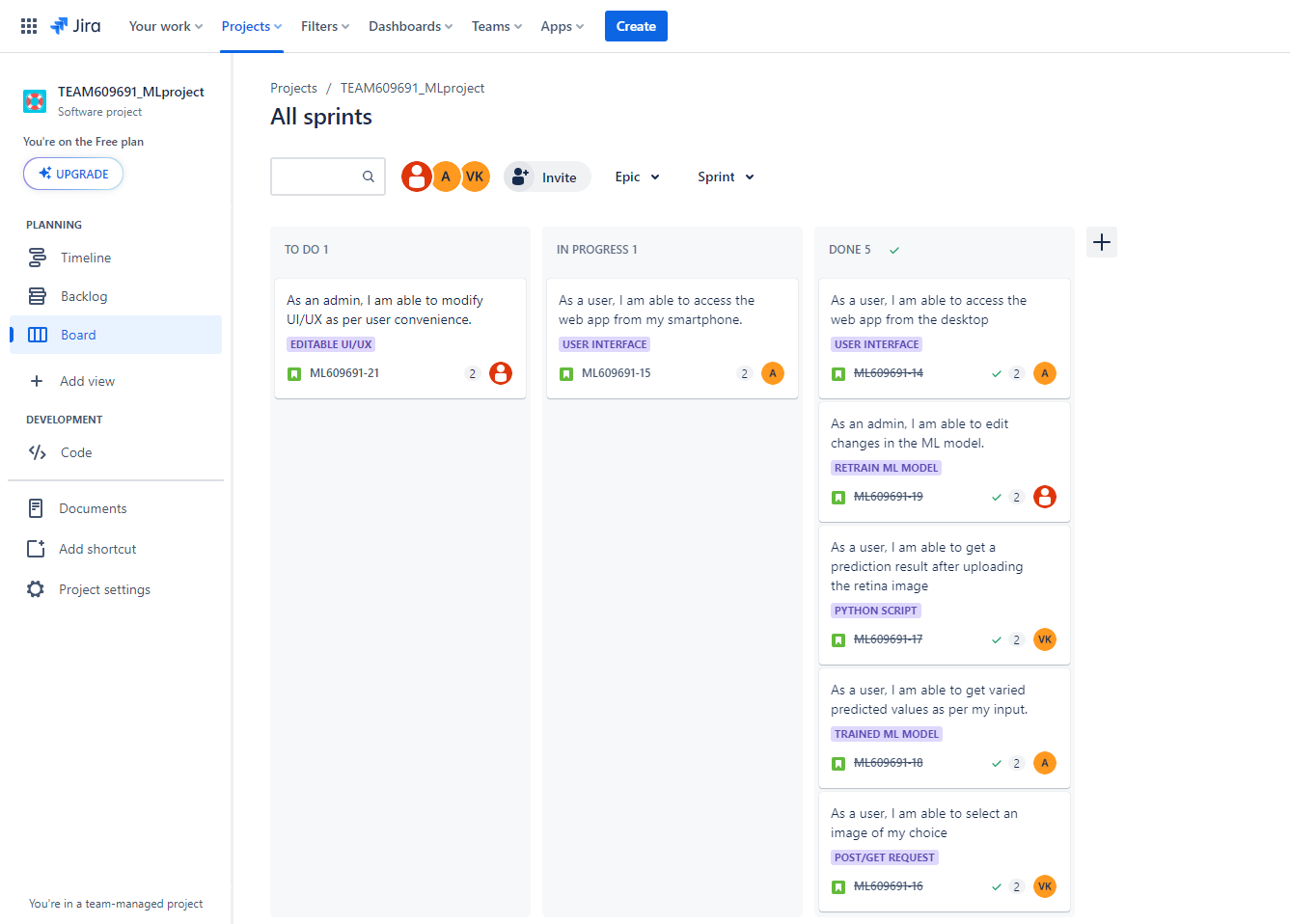
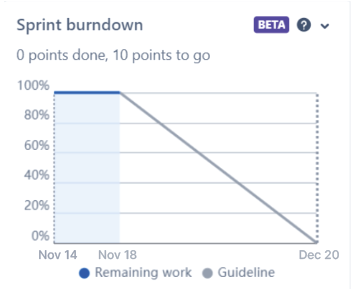
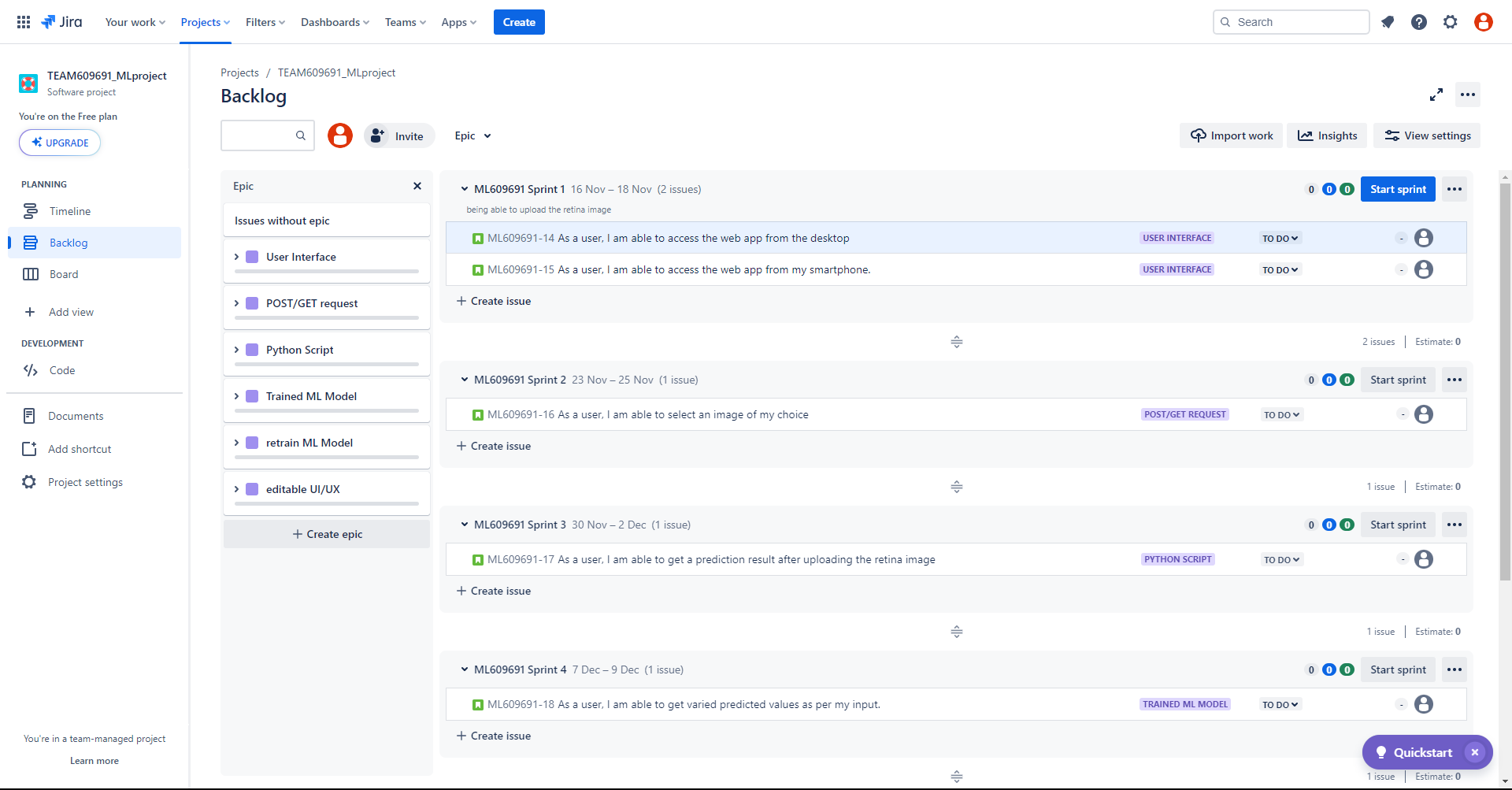
**Velocity:**

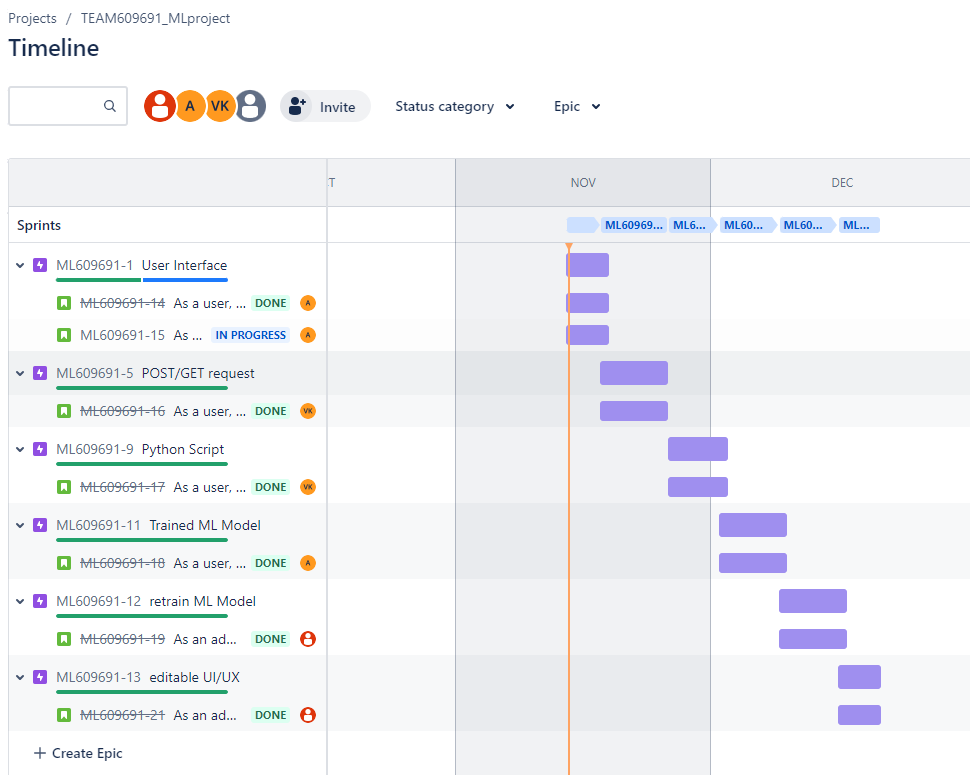
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day)



**AV** = 14/6 = **2.333**

**Burndown Chart:**

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