**PROJECT PLANNING PHASE**

**PROJECT PLANNING TEMPLATE (PRODUCT BACKLOG, SPRINT PLANNING, STORIES, STORYPOINTS)**

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID02758 |
| Project Name | University Admit Eligibility Predictor |
| Maximum Marks | 8 Marks |

**PRODUCT BACKLOG, SPRINT SCHEDULE, AND ESTIMATION: (4 MARKS)**

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Landing page | USN-1 | As a user, I can view the details about the university | 8 | Medium | Manjunathan, Mohana Sowdesh |
| Sprint-1 |  | USN-2 | As a user, I can view the latest news about the university | 2 | Medium | Logeshkumar, Naveen Anend |
| Sprint-2 |  | USN-3 | As a user, I can fill the contact form for queries | 2 | Low | Mohana Sowdesh, Logeshkumar |
| Sprint-1 |  | USN-4 | As a user, I can see the social media profiles of the university | 5 | Medium | Manjunathan, Mohana Sowdesh |
| Sprint-1 |  | USN-5 | As a user, I can see testimonials of students who graduated from the university | 5 | Medium | Logeshkumar, Naveen Anend |
| Sprint-2 | Admissions | USN-6 | As a user, I can see the previous year cut-off marks | 8 | High | Mohana Sowdesh, Logeshkumar |
| Sprint-2 |  | USN-7 | As a user, I can read about proud alumni of the university | 5 | Medium | Manjunathan, Mohana Sowdesh |
| Sprint-2 |  | USN-8 | As a user, I can predict my eligibility for admission at the university | 5 | High | Naveen Anend, Logeshkumar |
| Sprint-3 | Courses | USN-9 | As a user, I can see the courses offered by the university for PG students | 5 | Medium | Logeshkumar, Naveen Anend |
| Sprint-3 |  | USN-10 | As a user, I can see the research facilities at the university | 5 | Medium | Logeshkumar, Mohana Sowdesh |
| Sprint-3 | Events | USN-11 | As a user, I can check various technical events about to happen in the university | 5 | Low | Naveen Anend, Mohana Sowdesh |
| Sprint-3 | E-books | USN-12 | As a user, I can download and read e-books relating to visa formalities | 5 | High | Naveen Anend, Manjunathan |
| Sprint-4 | Scholarship | USN-13 | As a user, I shall find resources regarding scholarship availability | 8 | High | Mohana Sowdesh, Logeshkumar |
| Sprint-4 | Test prep | USN-14 | As a user, I can download and read GRE, TOEFL test preparation materials | 5 | Medium | Manjunathan, MohanaSowdesh |
| Sprint-4 | Landing page | USN-15 | As an administrator, I shall update the news about the university | 5 | Medium | Logeshkumar, Manjunathan |
| Sprint-4 | Events | USN-16 | As an administrator, I can update the list of activities to be hosted | 2 | Medium | Logeshkumar, Naveen Anend |

**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 |

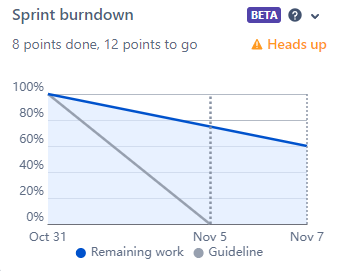
**VELOCITY:**

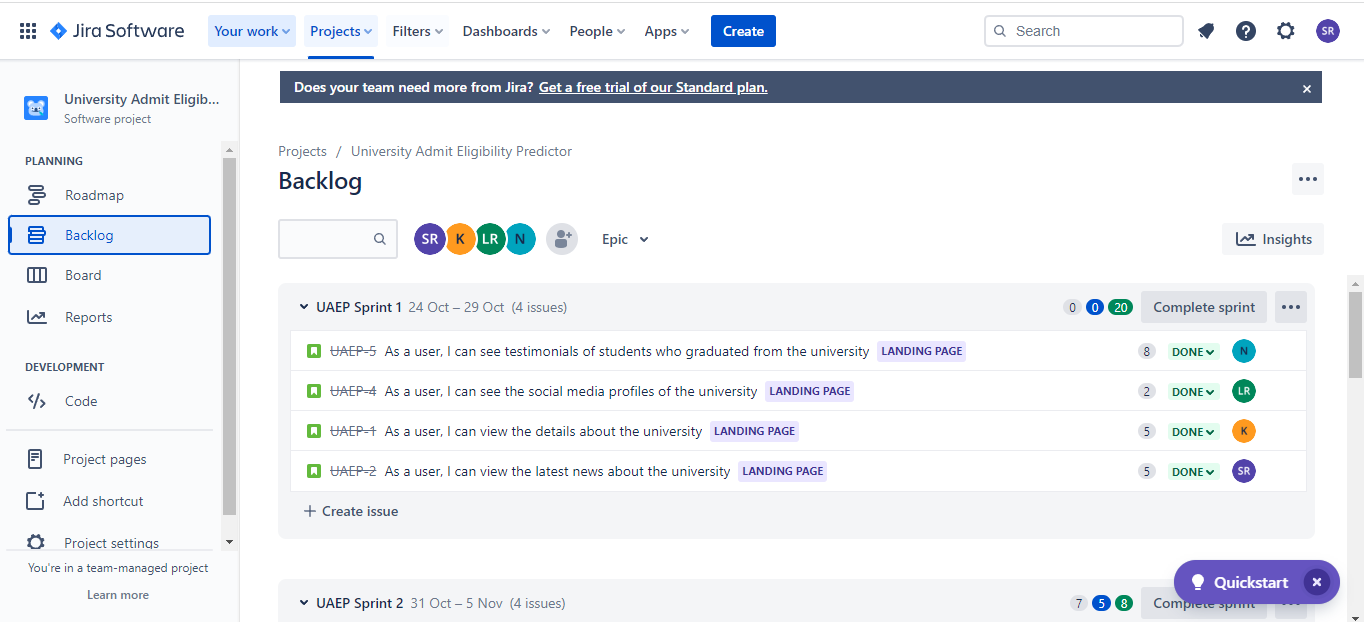
Velocity is a metric that predicts how much work an Agile software development team can successfully complete within a two-week sprint (or similar time-boxed period). Velocity is a useful planning tool for estimating how fast work can be completed and how long it will take to complete a project.

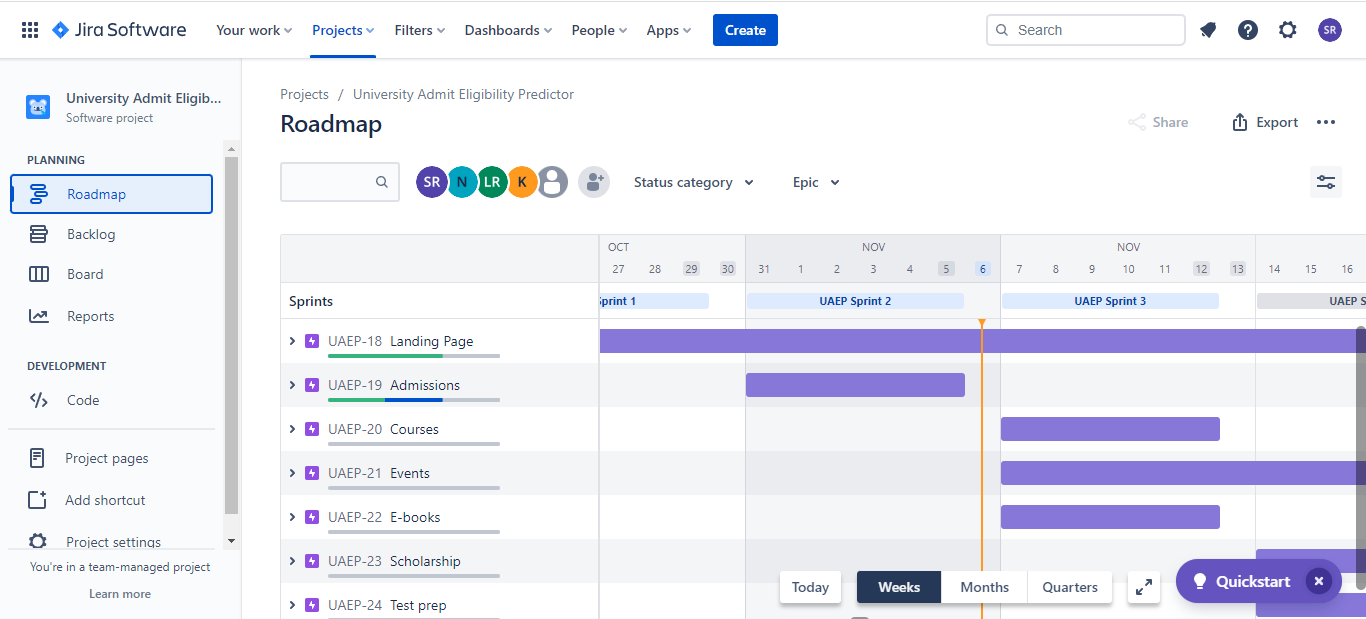
**Average velocity = Total story points/ No. of iterations = 80/4 = 20**

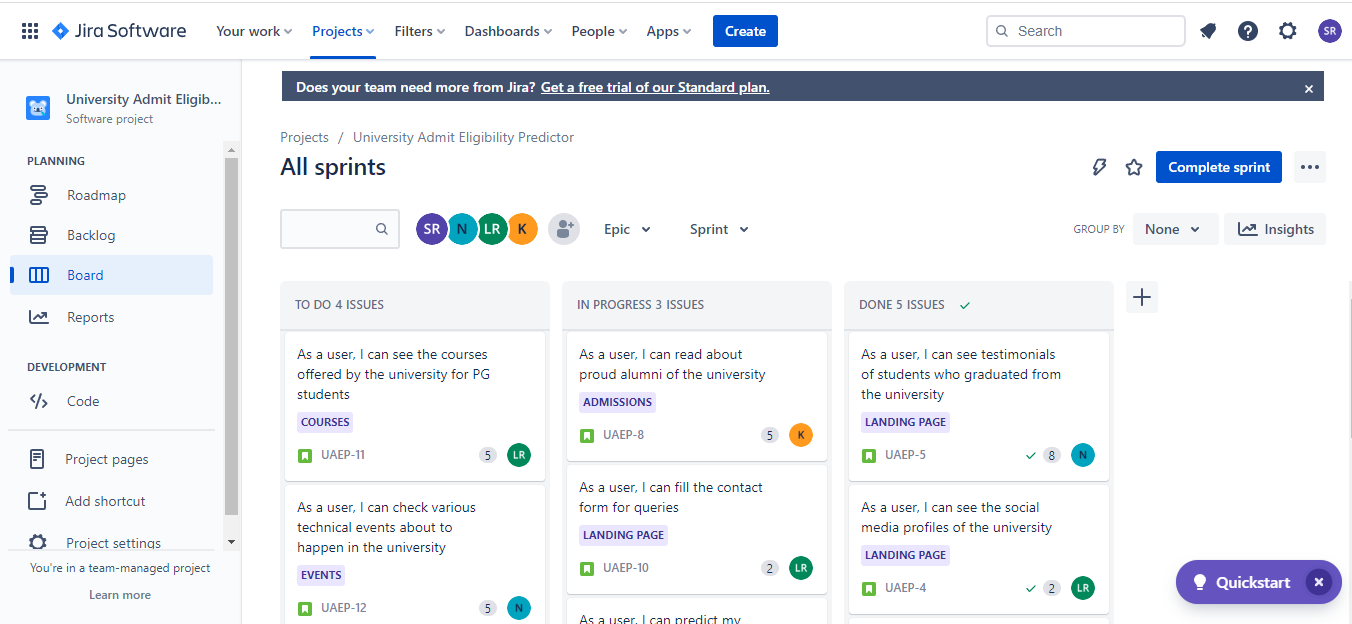
**BURNDOWN CHART:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile[software development](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as [Scrum](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/). However, burn down charts can be applied to any project containing measurable progress over time.



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