**Phase-1**

**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 06-07-2024 |
| Team ID | PNT2022TMID SWTID1720175019 |
| Project Name | Nexus Learn-Online Learning Platform |
| Maximum Marks | 4 Marks |

**Product Backlog, Sprint Schedule, and Estimation (2 Marks)**

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | User Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 2 | High | Sathvik,Shanmukha |
| Sprint-1 |  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | Medium | Sashank |
| Sprint-1 |  | USN-3 | As a user, I can register for the application through Facebook | 1 | Low | Sudheer |
| Sprint-1 |  | USN-4 | As a user, I can register for the application through Gmail | 1 | Low | Sashank |
| Sprint-1 | Login | USN-5 | As a user, I want to log in using my credentials | 2 | High | Sathvik,Sashank |
| Sprint-1 | Forgot Password | USN-6 | As a user, I want to recover my password if forgotten | 2 | High | Shanmukha,Sudheer |
| Sprint-1 | User Profile | USN-7 | As a user, I want to view and edit my profile information | 1 | Low | Sathvik |
| Sprint-2 | Course Catalog | USN-8 | As a user, I want to browse and search courses | 7 | High | Sashank,Shanmukha |
| Sprint-2 | Course Details | USN-9 | As a user, I want to view detailed course information | 7 | High | Sathvik,Sudheer |
| Sprint-2 | Course Management | USN-10 | As a user, I want to enroll in courses and delete | 7 | High | Sathvik |
| Sprint-2 | User Dashboard | USN-11 | As a user, I want a dashboard to view my courses and progress | 3 | Medium | Shanmukha |
| Sprint-3 | Course Content Delivery | USN-12 | As a user, I want to access course materials and track progress | 6 | High | Sashank |
|  |  | USN-13 | As a user, I want to learn at my own pace(Self-Paced Learning) | 6 | High | Sudheer |
|  |  | USN-14 | As a user, I want to join live webinars | 5 | High | Shanmukha,Sathvik |
| Sprint-3 | Interactive Elements | USN-15 | As a user, I want to take quizzes and get instant feedback | 5 | High | Sudheer,Sathvik |
|  |  | USN-16 | As a user, I want to participate in course discussion forums | 4 | High | Sashank |
| Sprint-3 | Dashboard | USN-17 | As an user, I want a dashboard to monitor platform activity | 3 | Medium | Shanmukha |
| Sprint-4 | Completion Tracking | USN-18 | As a user, I want to track my course completion status | 3 | Medium | Sudheer |
| Sprint-4 | Certification | USN-19 | As a user, I want to receive a certificate upon course completion | 5 | High | Sudheer,Sashank |
| Sprint-4 | Payment System | USN-20 | As a user, I want to pay for courses and subscriptions | 6 | High | Sashank |
| Sprint-4 | Subscription Management | USN-21 | As a user, I want to manage my subscriptions | 6 | High | Sathvik |
| Sprint-5 | Notifications | USN-22 | As a user, I want to receive notifications | 2 | Medium | Shanmukha |
| Sprint-5 | Multi-Device Support | USN-23 | As a user, I want to access the platform on various devices | 1 | Low | Sudheer |
| Sprint-5 | User Analytics | USN-24 | As an admin, I want to track user engagement and progress | 2 | Low | Sashank |
| Sprint-5 | Customer Support | USN-25 | As a user, I want access to support for any issues | 3 | Medium | Sudheer |
| Sprint-5 | Feedback | USN-26 | As a user, I want express my views | 3 | Medium | Shanmukha |

**Project Tracker, Velocity & Burndown Chart: (2 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 | 10 | 1 days | 01 July 2024 | 01 July 2024 |  |  |
| Sprint-2 | 20 | 3 days | 01 July 2024 | 04 July 2024 |  |  |
| Sprint-3 | 29 | 3 days | 04 July 2024 | 07 July 2024 |  |  |
| Sprint-4 | 20 | 3 days | 07 July 2024 | 10 July 2024 |  |  |
| Sprint-5 | 11 | 2 days | 10 July 2024 | 12 July 2024 |  |  |

**Velocity:**

we have a 3-day sprint duration, and the total story points for all sprints are 90 points. Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day).

Average Velocity= = = 7.5 points per day