**Project Planning Phase**

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

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| --- | --- |
| Date | 31 January 2025 |
| Team ID | 149831 |
| Project Name | FitFlex: Your Personal Fitness companion |
| Team Leader | Shyamala A  Email id : [shyamala.a22ds29@gmail.com](mailto:shyamala.a22ds29@gmail.com) |
| Team Members | 1. Kowsalya S   Email id :  [kowsalya.s.22ds17@gmail.com](mailto:kowsalya.s.22ds17@gmail.com)   1. Nandhini M   Email id : [madhumitha.p.22ds18@gmail.com](mailto:madhumitha.p.22ds18@gmail.com)   1. Kaleeswari k   Email id : [kaleeswari.k.22ds14@gmail.com](mailto:kaleeswari.k.22ds14@gmail.com) |
| Maximum Marks | 4 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 | UI Setup | USN-1 | Set up React.js project structure with necessary dependencies | 7 | High | Shyamala A |
| Sprint-1 | Home Page & Navigation | USN-2 | Create a homepage where users can browse by body part or equipment | 7 | High | Shyamala A |
| Sprint-1 | API Integration | USN-3 | Fetch exercise data from ExerciseDB API & display body parts | 6 | High | Shyamala A |
| Sprint-2 | Exercise Listing | USN-4 | List exercises dynamically based on body part selection | 7 | High | Shyamala A |
| Sprint-2 | Exercise Details Page | USN-5 | Create a detailed page for each selected exercise | 7 | High | Shyamala A |
| Sprint-2 | Filtering Feature | USN-6 | Enable filtering of exercises based on equipment used | 6 | High | Shyamala A |
| Sprint-3 | UI Enhancement | USN-7 | Improve UI/UX with React Icons and better styling | 10 | Medium | Shyamala A |
| Sprint-3 | Error Handling | USN-8 | Implement error handling for failed API requests | 10 | Medium | Shyamala A |
| Sprint-4 | Search Feature | USN-9 | Allow users to search exercises by keyword | 10 | High | Shyamala A |
| Sprint-4 | Responsive Design | USN-10 | Ensure responsiveness for mobile & tablet views | 10 | Medium | Shyamala A |

**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 | 1 Mar 2025 | 2 Mar 2025 | 20 | 2 Mar 2025 |
| Sprint-2 | 20 | 6 Days | 3 Mar 2025 | 4 Mar 2025 | 20 | 4 Mar 2025 |
| Sprint-3 | 20 | 6 Days | 5 Mar 2025 | 6 Mar 2025 | 20 | 6 Mar 2025 |
| Sprint-4 | 20 | 6 Days | 7 Mar 2025 | 8 Apr 2025 | 20 | 8 Apr 2025 |