

## Project Planning Phase

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

Date	6 March 2025
Team ID	Team ID SWTID1741109897
Project Name	FitFlex
Maximum Marks	5 Marks
Team Leader Email id	Salman Farish M 11997bca22@princescience.in
Team Member Email id	Abdul Maajith D 11973bca22@princescience.in
Team Member Email id	Kanagasabapathy V 12177bca22@princescience.in
Team Member Email id	Kaviraj A 12382bca22@princescience.in

### 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	Salman farish
Sprint-1	Home Page & Navigation	USN-2	Create a homepage where users can browse by body part or equipment	7	High	Abdul Maajith
Sprint-1	API Integration	USN-3	Fetch exercise data from ExerciseDB API & display body parts	6	High	Kanagas abapath y
Sprint-2	Exercise Listing	USN-4	List exercises dynamically based on body part selection	7	High	Kaviraj
Sprint-2	Exercise Details Page	USN-5	Create a detailed page for each selected exercise	7	High	Salman Farish
Sprint-2	Filtering Feature	USN-6	Enable filtering of exercises based on equipment used	6	High	Abdul maajith
Sprint-3	UI Enhancement	USN-7	Improve UI/UX with React Icons and better styling	10	Medium	kaviraj
Sprint-3	Error Handling	USN-8	Implement error handling for failed API requests	10	Medium	Kanagas abapath y
Sprint-4	Search Feature	USN-9	Allow users to search exercises by keyword	10	High	Kaviraj
Sprint-4	Responsive Design	USN-10	Ensure responsiveness for mobile & tablet views	10	Medium	Salman Farish

### Project Tracker, Velocity & Burndown Chart: (4 Marks)

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
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