

Project Planning Phase

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

Date	6 March 2025
Team ID	SWTID1741201218149343
Project Name	FitFlex
Maximum Marks	5 Marks
Team Leader Email ID	S.Muthu Valli 12334bca22@princescience.in
Team Member Email ID	M.Ramya 11902bca22@princescience.in
Team Member Email ID	E. Pooja 12285bca22@gmail.com
Team Member Email ID	S.K.Sanjitha 12237bca22@princescience.in

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Total Story Points	Duration	Sprint Date	Start	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
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Sprint-1	20	6 Days	1 Mar 2025	2 Mar 2025	20	2 Mar 2025
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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	Muthu Valli
Sprint-1	Home Page & Navigation	USN-2	Create a homepage where users can browse by body part or equipment	7	High	Muthu Valli
Sprint-1	API Integration	USN-3	Fetch exercise data from ExerciseDB API & display body parts	6	High	Muthu Valli
Sprint-2	Exercise Listing	USN-4	List exercises dynamically based on body part selection	7	High	Ramya
Sprint-2	Exercise Details Page	USN-5	Create a detailed page for each selected exercise	7	High	Ramya
Sprint-2	Filtering Feature	USN-6	Enable filtering of exercises based on equipment used	6	High	Ramya
Sprint-3	UI Enhancement	USN-7	Improve UI/UX with React Icons and better styling	10	Medium	Pooja
Sprint-3	Error Handling	USN-8	Implement error handling for failed API requests	10	Medium	Pooja
Sprint-4	Search Feature	USN-9	Allow users to search exercises by keyword	10	High	Sanjitha
Sprint-4	Responsive Design	USN-10	Ensure responsiveness for mobile & tablet views	10	Medium	Sanjitha

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-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