

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

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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	5	High	PR EA S S L
Sprint-2		USN-2	As a user, I will receive confirmation email once I have registered for the application	4	High	PR EA S S L
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	5	High	PR EA S S L
Sprint-1	Dashboard	USN-5	As a user I can access the dashboard able to see options to view contents chart, select diet plans, and exercise	5	High	PR EA S S L

Sprint-2		USN-6	As a user I can see my profile	4	Medium	PREASSL
Sprint-3		USN-7	As a user I can update my profile	3	Low	PREASSL
Sprint-2		USN-8	As a user I can change my password	4	Medium	PREASSL
Sprint-1	Service Request	USN-9	As a user I can request to display nutrition content of food items	5	high	
Sprint-2		USN-10	As a user I can request to suggest a diet plan according to my medical details	4	High	
Sprint-2		USN-11	As a user I can request to suggest exercise routines according to my medical details	4	Medium	
Sprint-3	Notification	USN-12	rack the status of diet targets through a dashboard or email services	3	Low	

Sprint-3		USN-13	As a user get an email about revised exercise routines based on recent records.	3	Medium	
Sprint-1		USN-14	A user noticed after successfully achieved the target workout	5	High	
Sprint-3		USN-15	Upload Progress Reports	3	Low	
Sprint-4		USN-16	Making UI more interactive	2	Low	
Sprint-2		USN-17	As a user I give feedback	4	High	

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint).

Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \text{SPRINT DURATION} / \text{VELOCITY} = 20 / 10 = 2$$