

Project Planning Phase

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

Date	21 October 2023
Team ID	NM2023TMID05019
Project Name	INDAIAN FOOD EDA
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sno	Sprint	Member Names	Description	Date
1	Sprint 1	Abdul Wahab	Data Collection and Ingestion	Sep 20 - 2023
2	Sprint 2	AbdulNavith, Abdul Basith	Data Processing and Analysis	Sep 22 - Sep 26, 2023
3	Sprint 3	Abarna, Abdul Wahab	User Interface Design and Visualization	Sep 26 - Oct 1, 2023
4	Sprint 4	AbdulNavith, Abdul Basith	Data Integration and Framework Modeling	Oct 1 - Oct 6, 2023
5	Sprint 5	Abarna	User Authentication and Security	Oct 8 - Oct 14, 2023
6	Sprint 6	Abdul Basith, Abdul Wahab	Reporting and Dashboard Development	Oct 15 - Oct 18, 2023
7	Sprint 7	AbdulNavith, Abdul Wahab	Testing and Quality Assurance	Oct 19 - Oct 24, 2023
8	Sprint 8	Abdul Basith, AbdulNavith	Deployment and Release	Oct 25 - Oct 27, 2023

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint 1	Data Collection	US001	As a Marketing Manager, I want to access IBM Cognos Analytics to collect data for campaign analysis.	5	High	AbdulNavith, Abdul Basith, Abarna, Abdul Wahab
	Data Integration	US002	As a Data Analyst, I want to integrate data from various sources into IBM Db2.	8	High	AbdulNavith, Abdul Basith
	Data Security	US003	As an IT Specialist, I want to ensure secure data access and encryption during integration.	5	High	Abarna, Abdul Wahab
Sprint 2	Data Transformation	US004	As a Data Analyst, I want to clean and transform data for accurate analysis.	8	High	Abarna, Abdul Wahab
	Data Analysis	US005	As a Data Analyst, I want to use IBM Cognos Analytics to analyze marketing campaign data.	8	High	Abdul Basith
	Data Visualization	US006	As a Data Analyst, I want to create data visualizations to represent campaign insights.	5	High	Abarna
Sprint 3	Data Presentation	US007	As a Marketing Manager, I want to view dashboards with campaign insights and trends.	3	High	Abdul Wahab
	Decision-Making	US008	As a Marketing Manager, I want to make data-informed decisions for campaign optimization.	5	High	AbdulNavith
	Compliance and Privacy	US009	As a Compliance Officer, I want to ensure GDPR compliance in data handling.	5	High	Abdul Basith, Abdul Wahab
Sprint 4	Budget Optimization	US010	As a Finance Team member, I want to use data insights to optimize campaign budgets.	8	Medium	Abarna, AbdulNavith
	Customer Feedback Analysis	US011	As a Customer Support representative, I want to analyze customer feedback data.	5	Medium	AbdulNavith
	Real-Time Insights	US012	As a Marketing Manager, I want to access real-time marketing campaign insights.	3	Medium	Abdul Basith
Sprint 5	Collaboration Tools Integration	US013	As a Project Manager, I want to integrate collaboration tools for team communication.	3	Medium	Abdul Wahab
	Mobile Compatibility	US014	As a User, I want the application to be accessible on mobile devices for convenience.	3	Medium	Abarna

	Data Backup and Recovery	US015	As an IT Specialist, I want to implement data backup and recovery solutions.	5	Medium	Abarna, Abdul Wahab
Sprint 6	User Training	US016	As a Project Manager, I want to conduct user training and provide resources.	3	Low	Abdul Basith
	Performance Optimization	US017	As an IT Specialist, I want to optimize application performance for faster data analysis.	5	Low	AbdulNavith

	Integration with Marketing Tools	US018	As a Marketing Manager, I want to integrate the application with marketing automation tools.	5	Low	Abarna
Sprint 7	Final Testing	US019	As a QA Specialist, I want to conduct comprehensive testing before deployment.	5	High	Abarna, Abdul Basith
	Deployment Planning	US020	As a Project Manager, I want a detailed deployment plan for a seamless rollout.	5	High	AbdulNavith
Sprint 8	Post-Deployment Review	US021	As a Project Manager, I want to review the deployment's success and gather feedback.	3	High	Abdul Basith
	Documentation	US022	As a Technical Writer, I want to create system documentation for reference.	5	High	Abdul Wahab
	Project Closure	US023	As a Project Manager, I want to close the project and conduct a final assessment.	8	High	AbdulNavith, Abdul Basith

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)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.



