

Initial Project Planning Report

Date	08 July 2024
Team ID	SWTID1720084775
Project Name	Ecommerce Shipping Prediction Using Machine Learning
Maximum Marks	4 Marks

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

The below table highlights the product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Define Problem/ Problem Understanding	ESPUML-2	Specify the Business Problem	2	Medium	Ishaan Sharma	6 Jul	7 Jul
Sprint-1		ESPUML-3	Business Requirements	1	Low	Arushi Garhwal	6 Jul	7 Jul
Sprint-1		ESPUML-4	Write Literature Survey	2	Low	Ishaan Sharma, Sanika Shashidhar	6 Jul	7 Jul
Sprint-1		ESPUML-5	Define Social and Business Impact	1	Low	Arushi Garhwal	6 Jul	7 Jul
Sprint-1	Data Collection and Preparation	ESPUML-7	Collect the Dataset	2	High	Manav Udgirkar	6 Jul	7 Jul
Sprint-1		ESPUML-8	Data Preparation	3	High	Manav Udgirkar,	6 Jul	7 Jul

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
						Arushi Garhwal		
Sprint-2	Exploratory Data Analysis	ESPUML-10	Descriptive Statistics	2	Medium	Sanika Shashidhar	7 Jul	8 Jul
Sprint-2		ESPUML-11	Visual Analysis	2	Medium	Ishaan Sharma, Sanika Shashidhar	7 Jul	8 Jul
Sprint-2	Model Building	ESPUML-13	Training the Model in Multiple Algorithms	5	High	Arushi Garhwal, Manav Udgirkar	7 Jul	8 Jul
Sprint-2		ESPUML-14	Testing the Model	4	High	Ishaan Sharma	7 Jul	8 Jul
Sprint-2	Performance Testing and Hyperparameter Tuning	ESPUML-16	Testing the Model with Multiple Evaluation Metrics	5	High	Ishaan Sharma, Sanika Shashidhar	7 Jul	8 Jul
Sprint-2	Model Deployment	ESPUML-18	Save the Best Model	2	High	Manav Udgirkar	7 Jul	8 Jul
Sprint-3	Model Deployment	ESPUML-19	Integrate with Web Framework	6	High	Ishaan Sharma, Manav Udgirkar, Arushi Garhwal,	8 Jul	10 Jul

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
						Sanika Shashidhar		
Sprint-3	Project Demonstration and Documentation	ESPUML-21	Record Demonstration Video	4	High	Ishaan Sharma, Manav Udgirkar, Arushi Garhwal, Sanika Shashidhar	8 Jul	10 Jul