Initial Project Planning Template

Date	**9 July 2024**
Team ID	SWUID20240034764
Project Name	Predicting Full Load Electrical Power Output of a Base Load Operated Combined Cycle Power Plant Using Machine Learning
Maximum Marks	**4 Marks**

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

Use the below template to create a 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	1	Medium	SAMEEKSHA.K	9/07/2024	10/07/2024
Sprint-1	**Define Problem / Problem Understanding**	ESPUML-3	Business Requirements	1	Medium	PUJITHA.P	9/07/2024	10/07/2024

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-4	Literature Survey (Student Will Write)	2	Medium	TEJA.K	9/07/2024	10/07/2024
Sprint-1	**Define Problem / Problem Understanding**	ESPUML-5	Social Or Business Impact.	2	High	PUJITHA.P	9/07/2024	10/07/2024
Sprint-1	**Data Collection & Preparation**	ESPUML-6	Collect The Dataset	1	High	SAMEEKSHA.K	9/07/2024	10/07/2024

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date

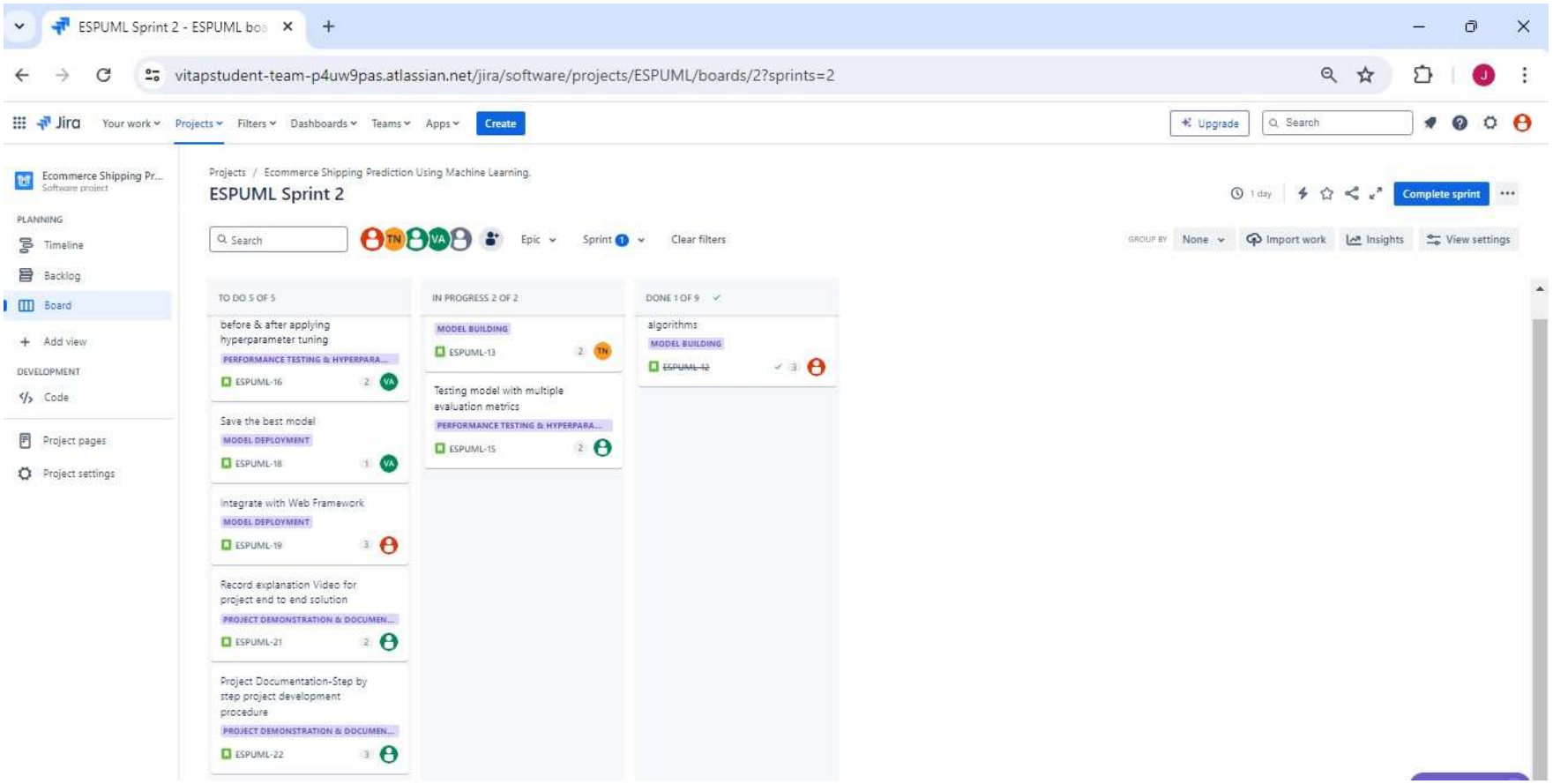
								(Planned)
Sprint-1	**Data Collection & Preparation**	ESPUML-23	Data set	1	Medium	TEJA.K	9/07/2024	10/07/2024
Sprint-1	**Data Collection & Preparation**	ESPUML-7	Data Preparation	2	High	PUJITHA.P	9/07/2024	10/07/2024
Sprint-1	**Exploratory Data Analysis**	ESPUML-9	Descriptive Statistics	1	Medium	SAMEEKSHA.K	9/07/2024	10/07/2024
Sprint-2	**Exploratory Data Analysis**	ESPUML-10	Visual Analysis	2	High	TEJA.K	10/07/2024	12/07/2024

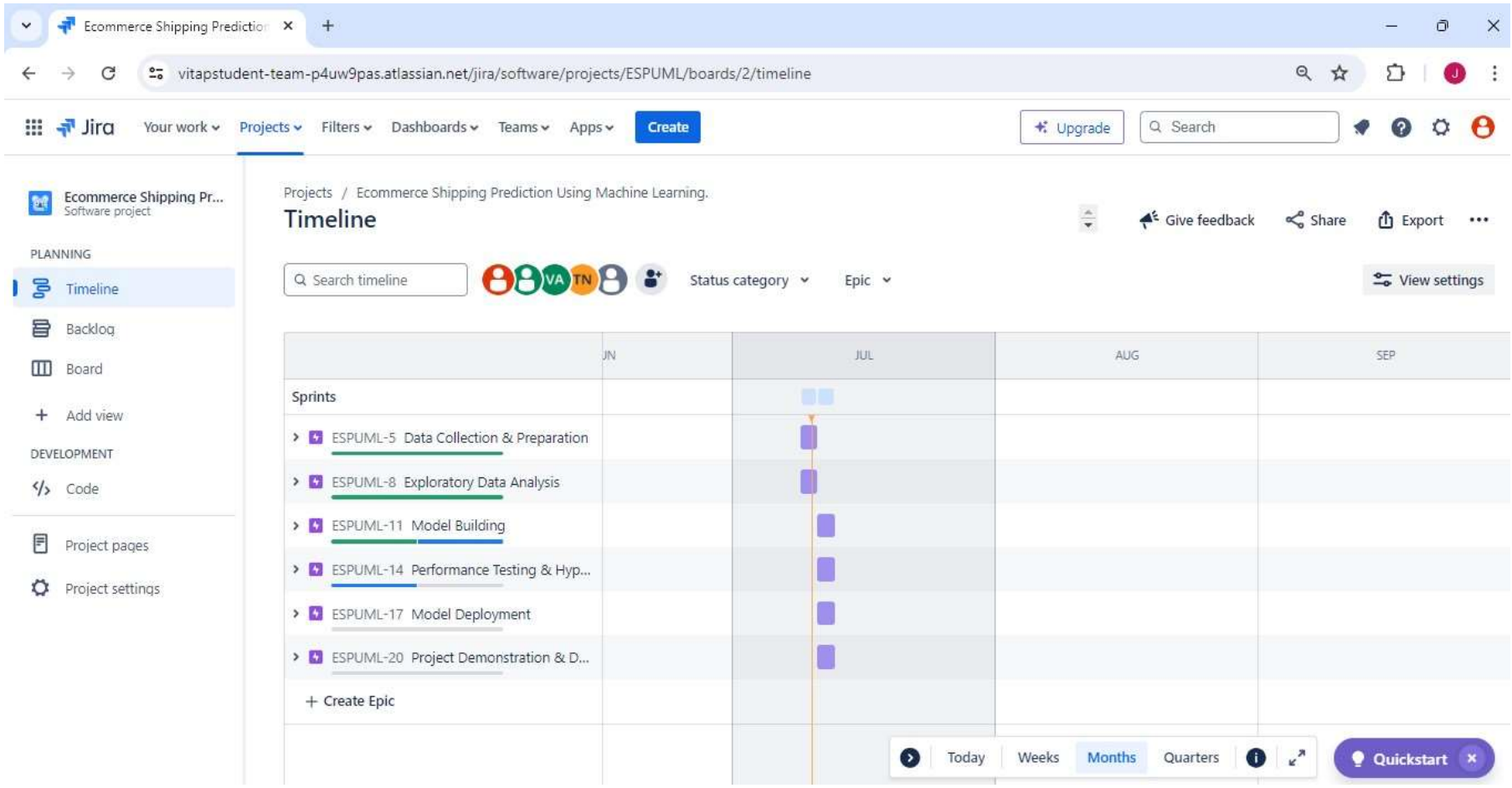
Sprint	**Functional Requirement (Epic)**	**User Story Number**	**User Story / Task**	**Story Points**	**Priority**	**Team Members**	**Sprint Start Date**	**Sprint End Date (Planned)**

Sprint-2	**Model Building**	ESPUML-12	Training The Model in Multiple Algorithms	3	High	SAMEEKSHA.K	10/07/2024	12/07/2024
Sprint-2	**Model Building**	ESPUML-13	Testing The Model	2	Medium	PUJITHA.P	10/07/2024	12/07/2024
Sprint-2	**Performance Testing & Hyperparameter Tuning**	ESPUML-15	Testing Model with Multiple Evaluation Metrics	2	High	TEJA.K	10/07/2024	12/07/2024
Sprint-2	**Model Deployment**	ESPUML-18	Save The Best Model	1	Medium	SAMEEKSHA.K	10/07/2024	12/07/2024

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)

Sprint-2	**Model Deployment**	ESPUML-19	Integrate With Web Framework	3	High	PUJITHA.P	10/07/2024	12/07/2024
Sprint-2	**Project Demonstration & Documentation**	ESPUML-22	Project Demonstration & Documentation	3	High	SAMEEKSHA.K	10/07/2024	12/07/2024


ESPUML Sprint 2 - ESPUML board
vitapstudent-team-p4uw9pas.atlassian.net/jira/software/projects/ESPUML/boards/2?sprints=2
Jira
Your work
Projects
Filters
Dashboards
Teams
Apps
Create
Upgrade
Search
Ecommerce Shipping Pr...
Software project
PLANNING
Timeline
Backlog
Board
Add view
DEVELOPMENT
Code
Project pages
Project settings
Projects / Ecommerce Shipping Prediction Using Machine Learning
ESPUML Sprint 2
1 day
Complete sprint
Search
Epic
Sprint 1
Clear filters
GROUP BY
None
Import work
Insights
View settings
TO DO 5 OF 5
before & after applying hyperparameter tuning
PERFORMANCE TESTING & HYPERPARA...
ESPUML-16
Save the best model
MODEL DEPLOYMENT
ESPUML-18
Integrate with Web Framework
MODEL DEPLOYMENT
ESPUML-19
Record explanation Video for project end to end solution
PROJECT DEMONSTRATION & DOCUMEN...
ESPUML-21
Project Documentation-Step by step project development procedure
PROJECT DEMONSTRATION & DOCUMEN...
ESPUML-22
IN PROGRESS 2 OF 2
MODEL BUILDING
ESPUML-13
Testing model with multiple evaluation metrics
PERFORMANCE TESTING & HYPERPARA...
ESPUML-15
DONE 1 OF 9
algorithms
MODEL BUILDING
ESPUML-12


Ecommerce Shipping Prediction
vitapstudent-team-p4uw9pas.atlassian.net/jira/software/projects/ESPUML/boards/2/timeline
Jira
Your work
Projects
Filters
Dashboards
Teams
Apps
Create
Upgrade
Search
Ecommerce Shipping Pr...
Software project
PLANNING
Timeline
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DEVELOPMENT
Code
Project pages
Project settings
Projects / Ecommerce Shipping Prediction Using Machine Learning.
Timeline
Give feedback
Share
Export
Search timeline
VA
TN
Status category
Epic
View settings
JUL
AUG
SEP
Sprints
ESPUML-5 Data Collection & Preparation
ESPUML-8 Exploratory Data Analysis
ESPUML-11 Model Building
ESPUML-14 Performance Testing & Hyp...
ESPUML-17 Model Deployment
ESPUML-20 Project Demonstration & D...
Create Epic
Today
Weeks
Months
Quarters
Quickstart