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

Date	07 November 2022
Team ID	PNT2022TMID21762
Project Name	DemandEst- AI Powered Food Demand Forcaster
Maximum Marks	8 Marks

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	**Pre - Requisities**	USN-1	A prerequisite is a required prior condition. If something is required in advance of something else, like if you have to take a beginning Spanish class before signing up for Spanish II, then it's a prerequisite.	10	Low	Kalaivanan G.P Ganesh.S Chidambara kamal.K Hariram.S
Sprint-1	Dataset collection	USN-2	A tool in Agile software development used to capture a description of a software feature from a user's perspective.	10	Medium	Hariram.S
Sprint-2	Data Pre-Processing. Improving the libraries	USN-3	In this post I am going to walk through the implementation of Data Preprocessing methods using Python.	5	High	Ganesh.S
Sprint-2	Reading the dataset. Exploratory data analysis	USN-4	Exploratory Data Analysis refers to the critical process of performing initial investigations on data so as to discover patterns,to spot anomalies,to test hypothesis and to check assumptions with the help of summary statistics and graphical representations.	5	High	Chidambara kamal.K Kalaivanan.G.P

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Checking for null values. Reading and merging.csv files.	USN-5	A null indicates that a variable doesn't point to any object and holds no value. Step 1: Create & Export Multiple Data Frames. First, we'll use the following code to create and export three data frames to CSV files: #create three data frames df1 <- data. ... Step 2: Import & Merge Multiple CSV Files.	2	Medium	Ganesh.s Hariram.s
Sprint-2	Dropping columns. Label encoding	USN-6	First, you define the table name from which you wish to remove or delete the column. **Label Encoding** refers to converting the labels into a numeric form so as to convert them into the machine-readable form.	6	Medium	Chidambara kamal.k Kalaivanan.G.P Ganesh.S
Sprint-2	Splitting the dataset into dependent and independent variable. Split the dataset into train set and test set	USN-7	The simplest way to split the modelling dataset into training and testing sets is to assign 2/3 data points to the former and the remaining one-third to the latter.	2	Low	Chidambarakamal.K Kalaivanan.G.P
Sprint-3	Model Building	USN-8	What the person using the product wants to Be able to do.A traditional requirements focuses on functionality.	10	High	Hariram.S Ganesh.S Kalaivanan.G.P Chidambara kamal.K
Sprint-3	Train and test model algorithms Model evaluation	USN-9	The **train**-**test** split procedure is used to estimate the performance of machine learning **algorithms** when they are used to make predictions on data .	5	Low	Chidambara kamal.K Kalaivanan.G,P
Sprint-3	Save the model. Predicting the output using the model.	USN-10	predict passes the input vector through the model and returns the output tensor for each datapoint.	5	Medium	Ganesh.s Kalaivanan.G.P Hariram.S
Sprint-4	Application building. Create an HTML file	USN-11	An app builder is an online software tool that allows everyone to create and publish apps for mobile devices without code development.	10	High	Chidambarakamal.K Kalaivanan.G.P
Sprint-4	Build python code. Run the app	USN-12	A tool provided by the Python Packaging Authority (PyPA) for building Python packages.	10	High	Ganesh.S Hariram.S