

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID37447
Project Name	Project - Corporate Employee Attrition Analytics
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	To model the probability of attrition using logistic regression	USN-1	As a user, I can register for the application by entering my email, through google collabs	2	High	1)Bheulah G.L. 2)Ashwini A. 3)Sameera Banu N. 4)Shaheenah M.
Sprint-1	Business understanding, importing packages and understanding the data	USN-2	As a user, I can register for the application by entering my email, through google collabs	1	High	1)Bheulah G.L. 2)Ashwini A. 3)Sameera Banu N. 4)Shaheenah M.
Sprint-2	Data Understanding & Data preparation	USN-3	As a user, I can register for the application by entering my email, through google collabs	2	Low	1)Bheulah G.L. 2)Ashwini A. 3)Sameera Banu N. 4)Shaheenah M.

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Data Understanding And Data preparation	USN-4	As a user, I can register for the application by entering my email, through google collabs	2	Medium	1)Bheulah G.L. 2)Ashwini A. 3)Sameera Banu N. 4)Shaheenah M.
Sprint-4	EDA, Model Building and Model Evaluation	USN-5	As a user, I can register for the application by entering my email, through google collabs	1	High	1)Bheulah G.L. 2)Ashwini A. 3)Sameera Banu N. 4)Shaheenah M.

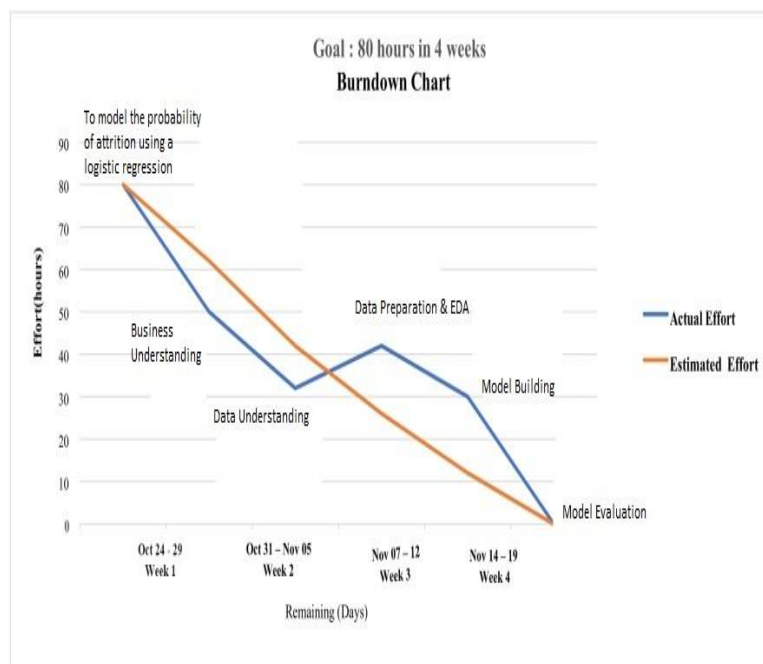
Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

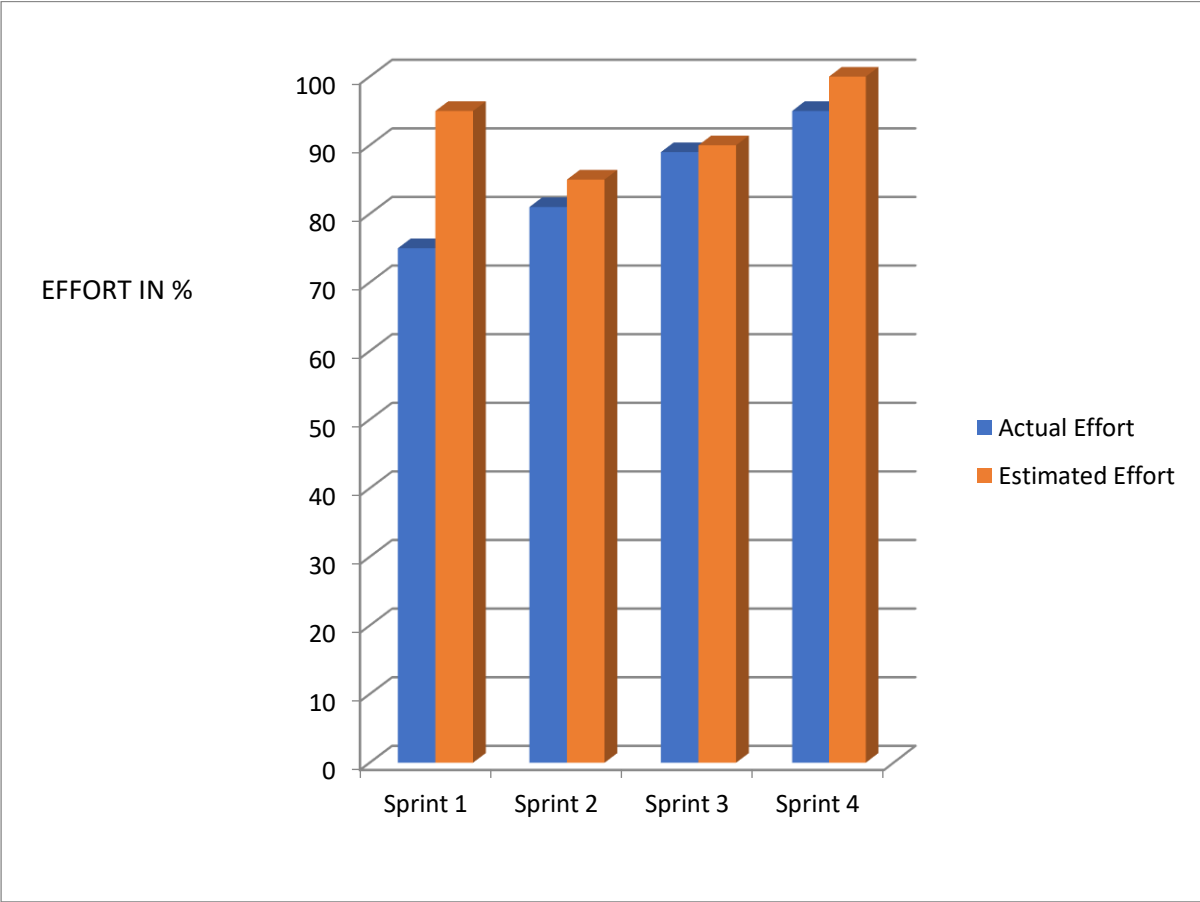
Velocity:

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

BURNDOWN CHART:



VELOCITY CHART:



BALANCE WORK:

