Project Planning Phase
Project Planning Sprint

Date	14 November 2022
Team ID	PNT2022TMID50761
Project Name	University Admit Eligibility Predictor
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	Pre-process the data	USN-1	Collect &download the dataset.	2	High	S.Peria Saradha
Sprint-1		USN-2	Import required libraries.	1	High	N.Muhila
Sprint-1		USN-3	Read and clean dataset.	2	Low	Manjupriya
Sprint-2	Model building	USN-1	Split the data into independent and dependent variables.	2	Medium	Mathumitha
Sprint-2		USN-2	Build the regression model.	1	High	S.Peria Saradha, Muhila, Manjupriya
Sprint-3	Application Building	USN-1	Build the Python application.	2	Medium	Muhila, Mathumitha, Manjupriya
Sprint-3		USN-2	Test the Application model.	3	High	Manjupriya, Mathumitha, Peria Saradha
Sprint-4	Train the model	USN-1	Train the model	3	High	S.peria Saradha,

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

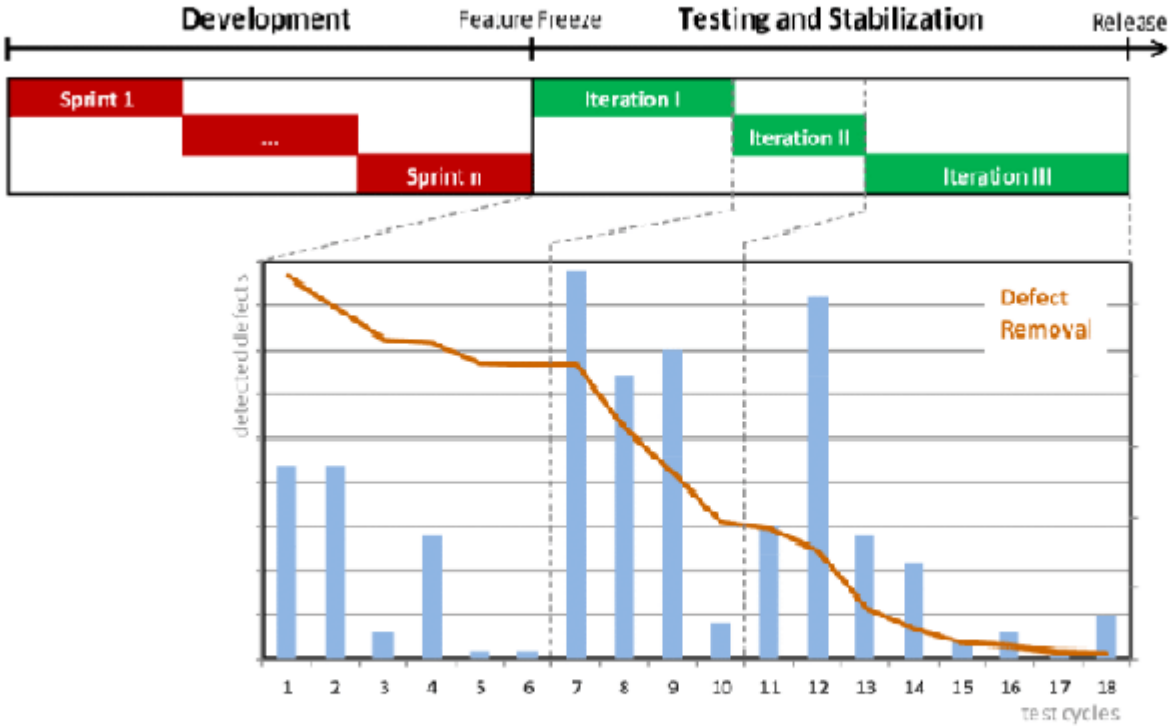
Velocity:

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)

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

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.


Development
Feature Freeze
Testing and Stabilization
Release
Sprint 1
...
Sprint n
Iteration I
Iteration II
Iteration III
detected defects
Defect
Removal
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
test cycles