Project Planning Phase

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

Date	26 October 2022
Team ID	PNT2022TMID24944
Project Name	Project – Early Detection of Chronic Kidney Disease
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	Registration	USN-1	New user enters into the System He/ She can register into the Application by entering mail Id and Password.	8	High	FATHIMA AMANI LAVANYA MALINI SHRUTHI
Sprint-1		USN-2	The user will receive conformation Email	5	High	FATHIMA AMANI LAVANYA MALINI SHRUTHI
Sprint-1	Login	USN-3	After Successful registration the user can Log into the application by entering the registered Mail Id and Password	8	High	FATHIMA AMANI LAVANYA MALINI SHRUTHI
Sprint-2	Dashboard	USN-4	User can get into the Dashboard only when the Verification Successful. After the user can access the displayed information in the Dashboard.	8	High	FATHIMA AMANI LAVANYA MALINI SHRUTHI

Sprint-2	Diagnosis Form	USN-5	As a user, I must enter my pre-diagnostic test results to give as required.	10	High	FATHIMA AMANI LAVANYA MALINI SHRUTHI
Sprint-3	Report	USN-6	As a user, I can view the report generated by the tool	7	High	FATHIMA AMANI LAVANYA MALINI SHRUTHI

Sprint	**Functional Requirement (Epic)**	**User Story Number**	**User Story / Task**	**Story Points**	**Priority**	**Team Members**
Sprint-4	Quality Assurance	USN-8	As a user they have some credibility issues while using application.	8	High	FATHIMA AMANI LAVANYA MALINI SHRUTHI
Sprint-3	Train Model	USN-9	As an administrator, I must use the most suitable ML model for detection of CKD	9	High	FATHIMA AMANI LAVANYA MALINI SHRUTHI

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 6-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)

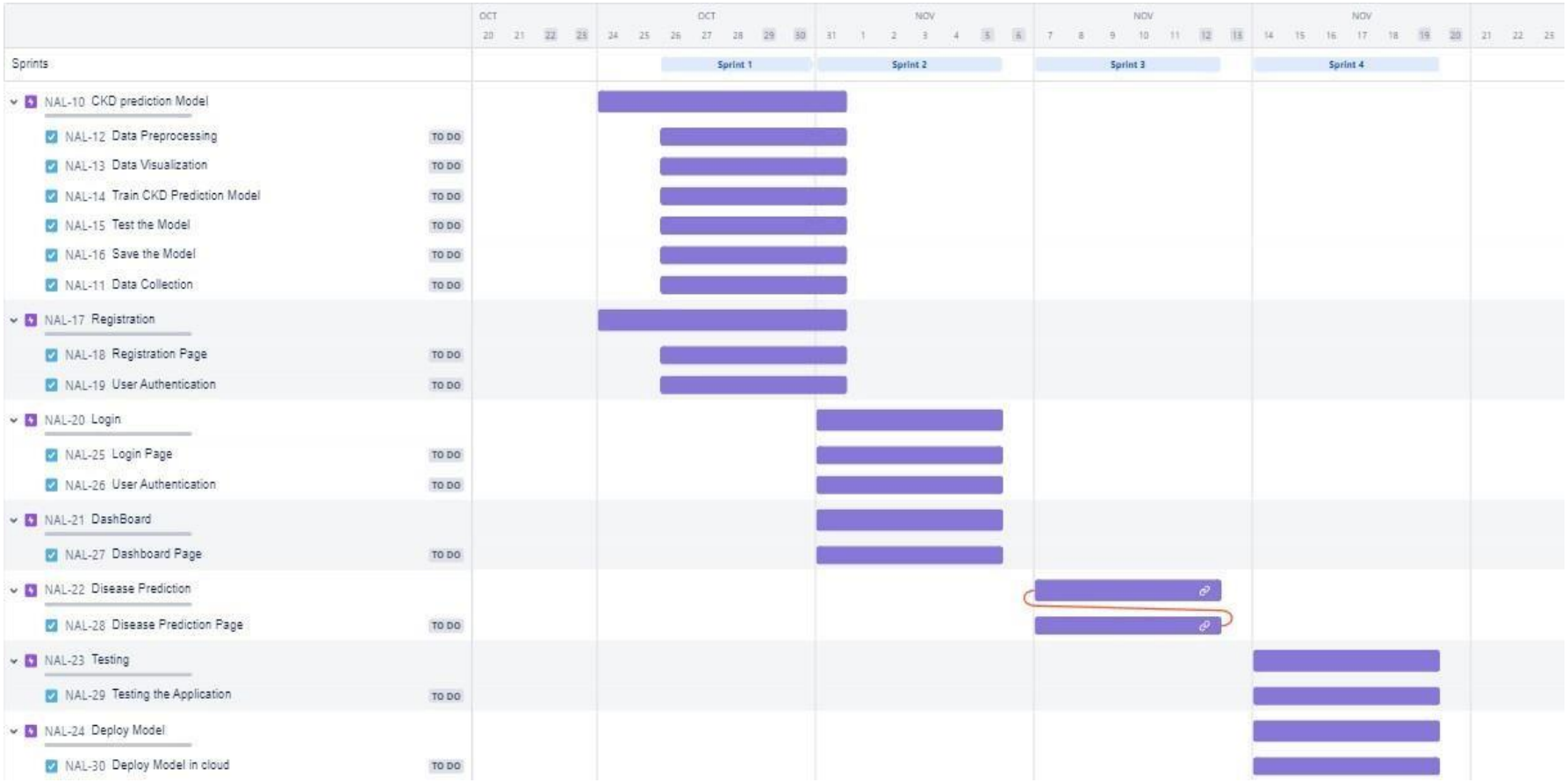
$$AV = \frac{\text{Sprint duration}}{\text{Velocity}}$$

Sprint	Average Velocity
Sprint-1	6.6
Sprint-2	8
Sprint-3	7.5

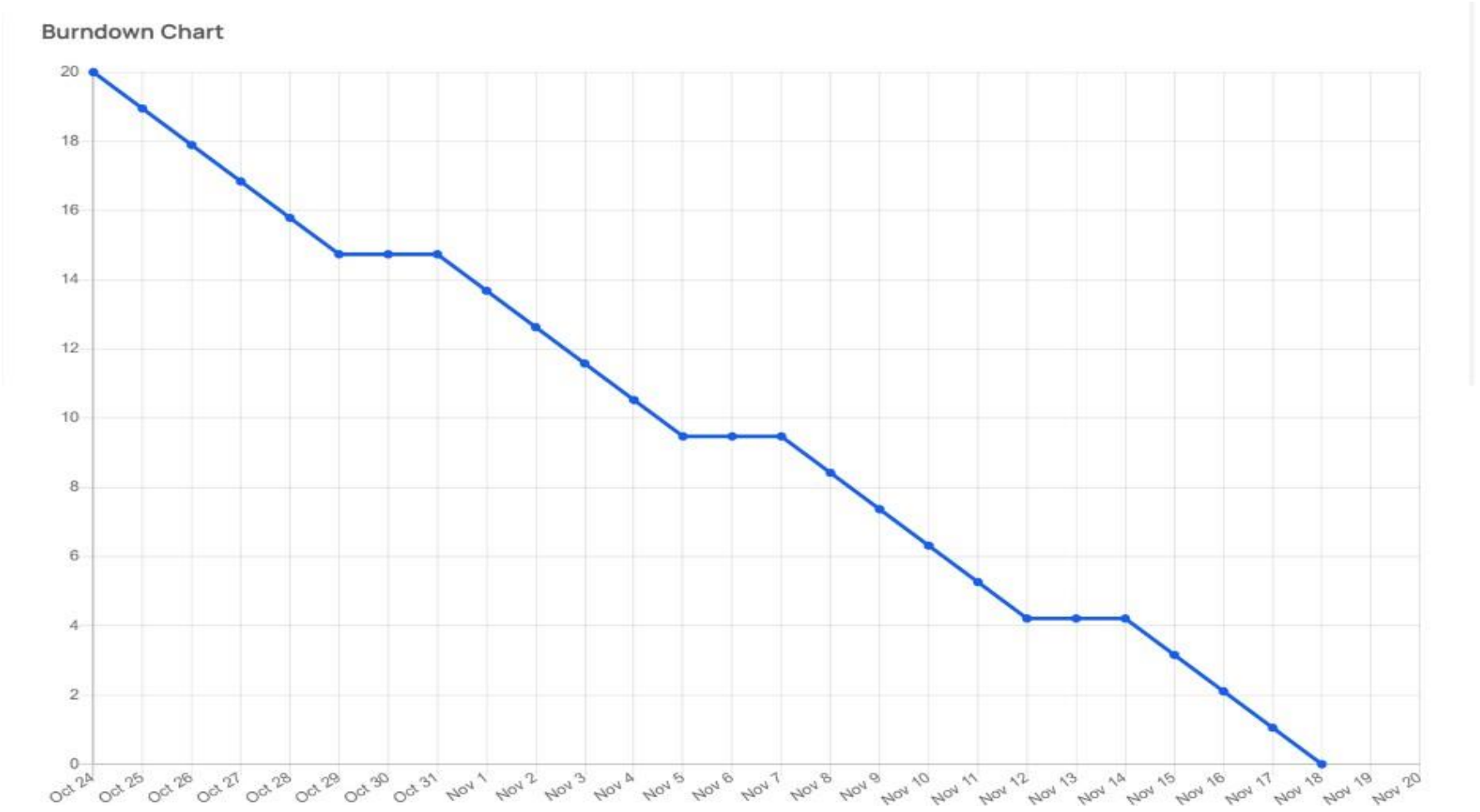
Sprint-4	8

Total Average Velocity=7.5

ROADMAP:



BURNDOWN CHART:


Burndown Chart
20
18
16
14
12
10
8
6
4
2
0
Oct 24
Oct 25
Oct 26
Oct 27
Oct 28
Oct 29
Oct 30
Oct 31
Nov 1
Nov 2
Nov 3
Nov 4
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Nov 20