

## **Project Planning Phase**

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

Date	5 NOVEMBER 2022
Team ID	PNT2022TMID28062
Project Name	Classification of arrhythmia by using deep learning with 2-d ECG image spectral representation
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	5	High	Charulatha GS,Gopiha R Jayawarshini R,Harini S
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	Charulatha GS,Gopiha R Jayawarshini R,Harini S
Sprint-1		USN-3	As a user, I can register for the application through Facebook	5	Low	Charulatha GS,Gopiha R Jayawarshini R,Harini S
Sprint-1		USN-4	As a user, I can register for the application through Gmail	5	Medium	Charulatha GS,Gopiha R Jayawarshini R,Harini S
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	5	High	Charulatha GS,Gopiha R Jayawarshini R,Harini S
Sprint-2	Dashboard	USN-6	As a web user grid format which make it easy to see	5	Low	Charulatha GS,Gopiha R Jayawarshini R,Harini S
Sprint-2	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	5	Medium	Charulatha GS,Gopiha R Jayawarshini R,Harini S

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-2	Conformation	USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	Charulatha GS,Gopiha R Jayawarshini R,Harini S
		USN-3	As a user, I can register for the application through Facebook	5	Low	Charulatha GS,Gopiha R Jayawarshini R,Harini S
		USN-4	As a user, I can register for the application through Gmail	5	Medium	Charulatha GS,Gopiha R Jayawarshini R,Harini S
Sprint-3	Login	USN-5	As a user, I can log into the application by entering email & password	5	High	Charulatha GS,Gopiha R Jayawarshini R,Harini S
Sprint-3	Dashboard	USN-2	Team of representatives offering customer support	5	Low	Charulatha GS,Gopiha R Jayawarshini R,Harini S
Sprint-3	Responsibilities	USN-3	Revolve customer compliants	5	Medium	Charulatha GS,Gopiha R Jayawarshini R,Harini S
Sprint-4	User registration	USN-1	Registration to the respective hospital through the Hospitals website by entering your name,age, phone number and address	5	High	Charulatha GS,Gopiha R Jayawarshini R,Harini S
Sprint-4	Registration options	USN-2	As a staff, I can register for the application through the hospital's official website	5	Low	Charulatha GS,Gopiha R Jayawarshini R,Harini S
Sprint-4	Login	USN-3	As a Healthcare staff, I can log in to the application by entering the right credentials like phone number and password	5	Medium	Charulatha GS,Gopiha R Jayawarshini R,Harini S
Sprint-4	Dashboard	USN-4	Enables healthcare professionals to access important patient statistics in real-time	5	High	Charulatha GS,Gopiha R Jayawarshini R,Harini S

### 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	4 Days	31 OCT 2022	3 NOVEMBER 2022	3 NOVEMBER 2022	3 NOVEMBER 2022
Sprint-2	20	5 Days	4 NOV 2022	8 NOVEMBER 2022	8 NOVEMBER 2022	8 NOVEMBER 2022
Sprint-3	20	5 Days	9 NOV 2022	13 NOVEMBER 2022	13 NOVEMBER 2022	13 NOVEMBER 2022
Sprint-4	20	6 Days	14 NOV 2022	19 NOVEMBER 2022	19 NOVEMBER 2022	19 NOVEMBER 2022

## Velocity:

To calculate the team's **average velocity (AV)** per iteration unit

$$Av = \frac{Velocity}{Sprint\ duration}$$

Where,

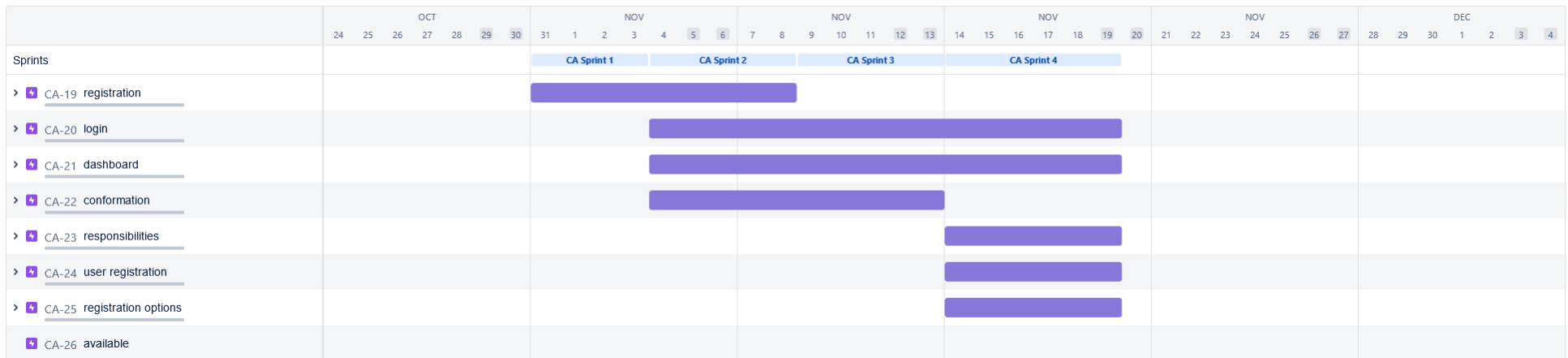
## Average Velocity - Story points per day

**Sprint duration** - Number of days (Duration) for Sprints

## Velocity - Points per Sprint

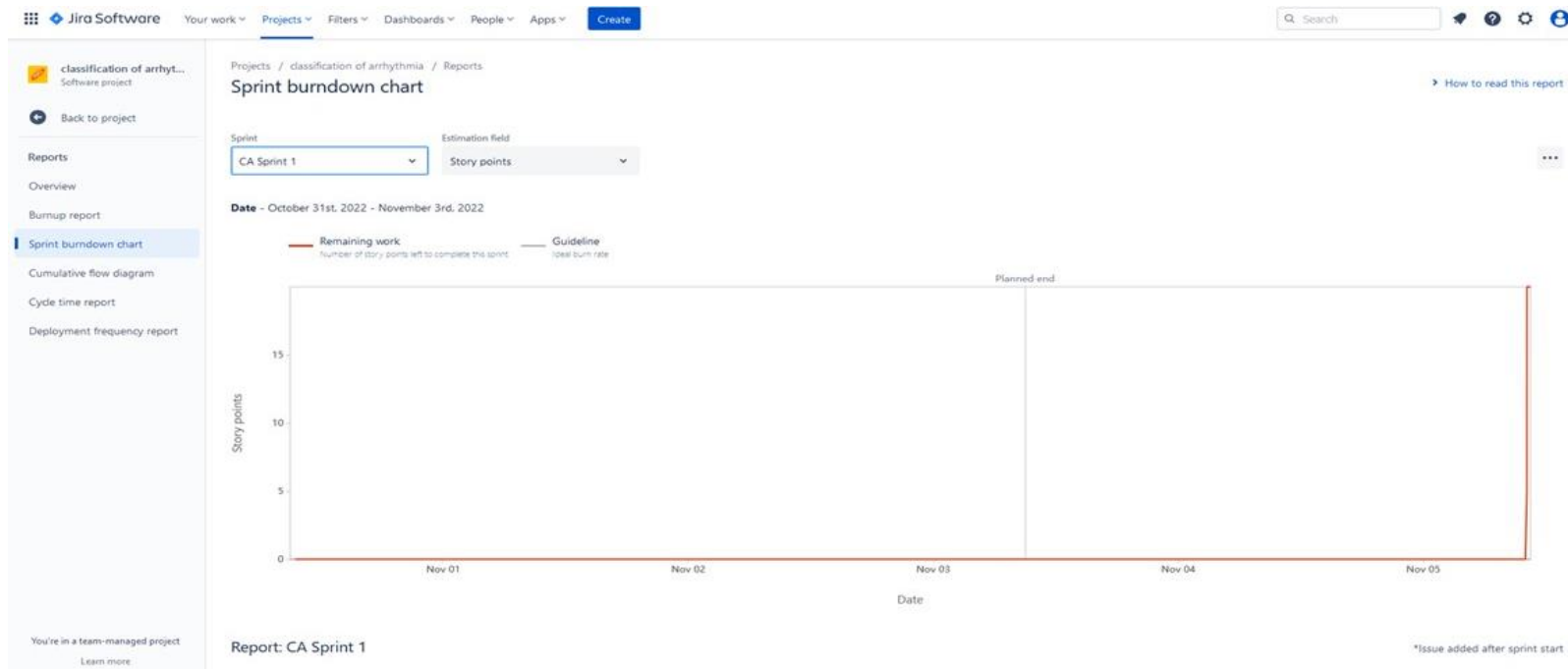
$$Av = 24/6 = 4$$

## Average Velocity is 4 points per Sprint



## BurndownChart:

A burndown 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.



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Burnup report

Sprint burndown chart

Cumulative flow diagram

Cycle time report

Deployment frequency report

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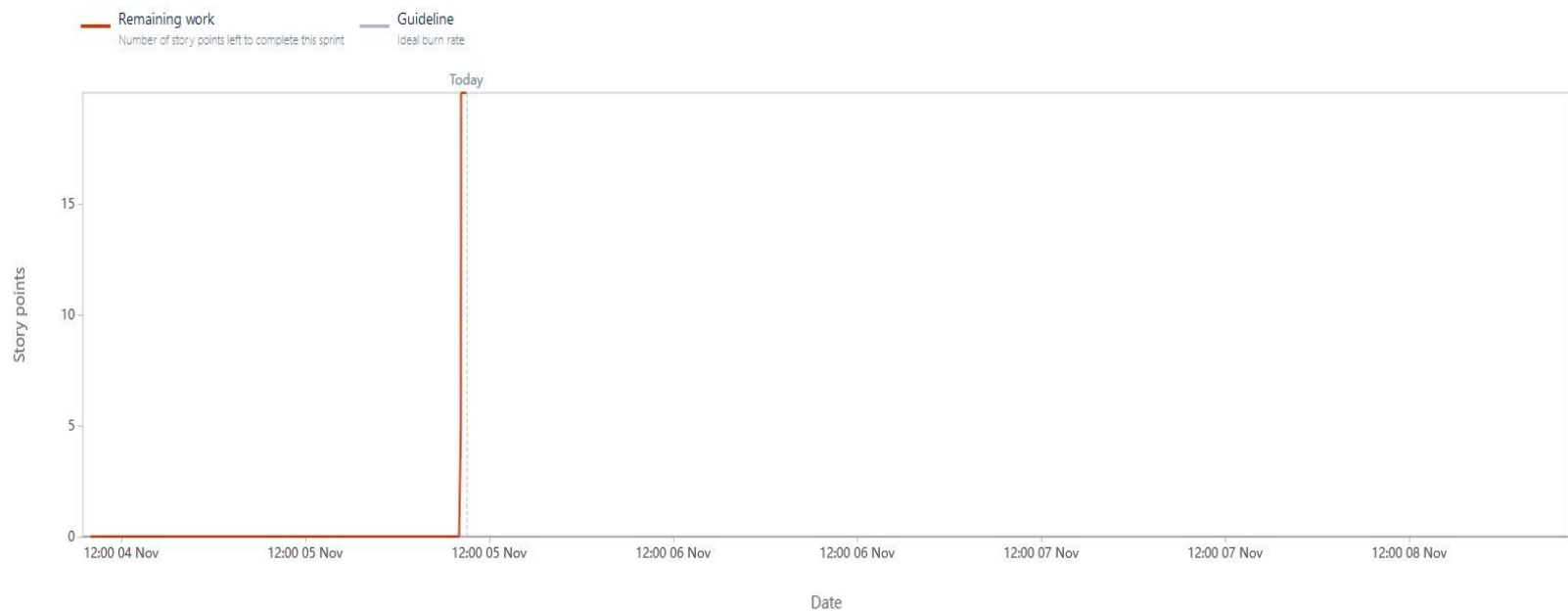
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## Sprint burndown chart

How to read this report

Sprint: CA Sprint 2 Estimation field: Story points

Date - November 4th, 2022 - November 8th, 2022



Report: CA Sprint 2

\*Issue added after sprint start

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## Sprint burndown chart

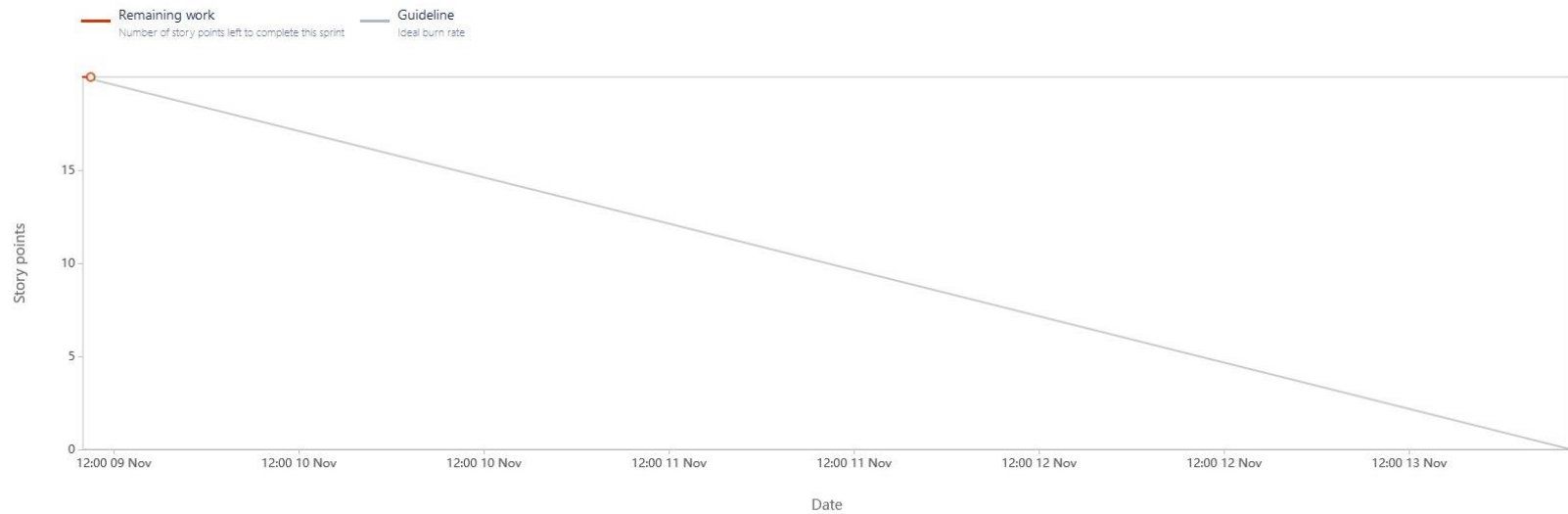
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Sprint  
CA Sprint 3

Estimation field  
Story points



Date - November 9th, 2022 - November 13th, 2022



Report: CA Sprint 3

\*Issue added after sprint start

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# Sprint burndown chart

How to read this report

Sprint

CA Sprint 4

Estimation field

Story points

Date - November 14th, 2022 - November 19th, 2022

