# **Project Planning Phase**

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

Date	03 November 2022
Team ID	PNT2022TMID33236
Project Name	A Novel Method For Handwritten Digit
_	Recognition
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	S.Pandi Devi
Sprint-2	Application	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	S.Priya Dharshini
Sprint-3	Data Set	USN-3	As a user, it is help to understand the data	2	Low	S.Parameshwari
Sprint-4	Usage	USN-4	We can use the application to identify the handwritten digit recognition	2	Medium	B.J.Koushalyaa

### **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	04 Nov 2022	07 Nov 2022		
Sprint-2	20	4 Days	08 Nov 2022	11 Nov 2022		
Sprint-3	20	4 Days	12 Nov 2022	15 Nov 2022		
Sprint-4	20	4 Days	16 Nov 2022	19 Nov 2022		

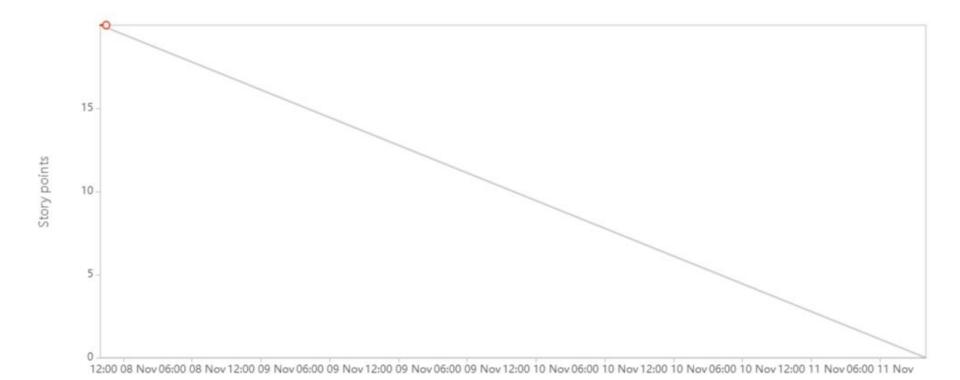
#### Velocity:

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)

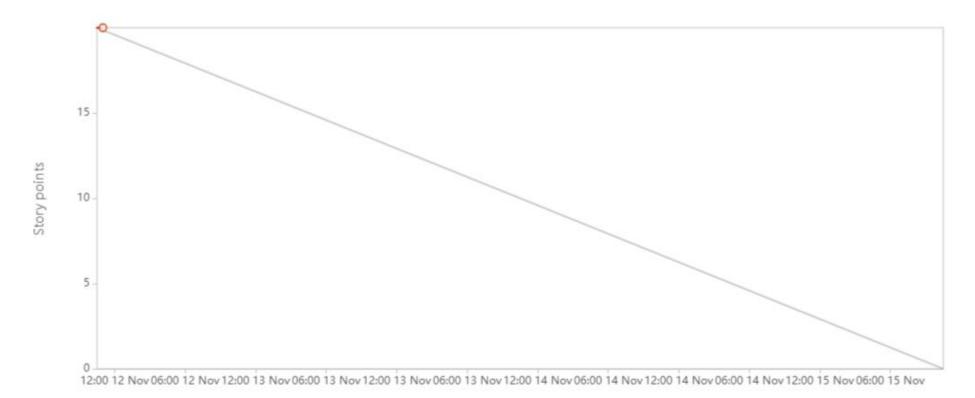
$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

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	20 21 22 23 24 25	26 27 28 29 30 1 2	3 4 5 6 7 8 9	10 11 12 13 14 15 16	17 18 19 20 21 22 23	24 25 26 27 28 29 30	31 1 2 3 4 5 6	7 8 9 10 11 12 13 14	15 16 17 18 19 20	21 22 23 24 25 26 27	28 29 30 1
Sprints							NMFHDRS Sprint	t 1 NMFHDRS Sprint 2 NMFHDRS Spr	rint 3 NMFHDRS Sprint 4		
> NMFHDRS-5 Registration											
> NMFHDRS-6 application											
> NMFHDRS-7 Data set											
> NMFHDRS-8 Usage											

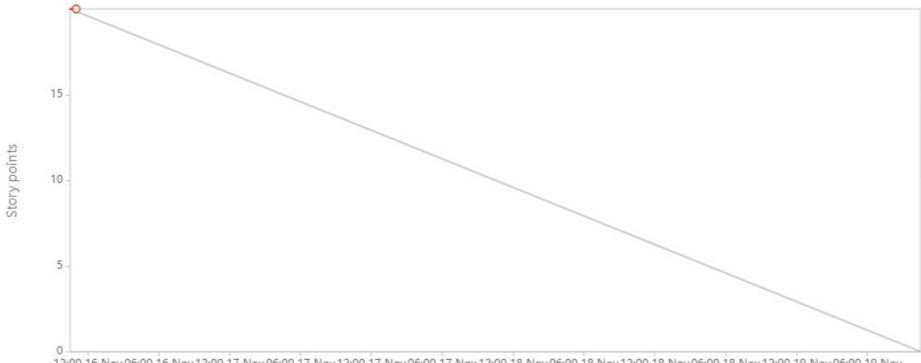




Date



Date



12:00 16 Nov 06:00 16 Nov 12:00 17 Nov 06:00 17 Nov 12:00 17 Nov 12:00 18 Nov 12:00 18 Nov 12:00 18 Nov 06:00 18 Nov 12:00 19 Nov 06:00 19 Nov 12:00 19 Nov 12:00