# **Project Development Phase**

## **Delivery of Sprint -3**

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

Team ID : PNT2022TMID16375

Team leader : Vigneshwar R

Team member : Suryaprakash M

Team member : Vignesh P

Team member : Vinoth Kumar A

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

Use the below template to create product backlog and sprint schedule

Sprint			User Story / Task	Story Points	Priority	
	Functional Requirements (Epic)	User Story Number				Team Members
Sprint-3	Push Notification	USN-5	As a user,I will search the food items	2	Medium	Vigneshwar R Suryaprakash M
						Vignesh P
						Vinoth kumar A

### **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)
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Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 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)

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

Sprint Duration = Number of (Duration) days per Sprint Velocity = Points per Sprint

Therefore, the AVERAGE VELOCITY IS 4 POINTS PER SPRINT

**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.

Sprint number	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day6
Sprint-3	20	5	5	5	5	0	0
aining effort	80	70	42	25	13	8	0
eal effort							0
	number  Sprint-3  aining effort	number Sprint-3 20 aining effort 80	number Day 0 Sprint-3 20 5 aining effort 80 70 al effort	number         Day 0         Day 1         Day 2           Sprint-3         20         5         5           aining effort         80         70         42	Sprint-3         20         5         5         5           aining effort         80         70         42         25           al effort         42         25         42         25	Sprint-3         20         5         5         5           aining effort         80         70         42         25         13	Sprint-3         20         5         5         5         5         0           aining effort         80         70         42         25         13         8           al effort         42         25         13         8

