

## Project Development Phase

### Delivery of Sprint - 4

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

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Team member : S.Nandha Gokul

Team member : M.Ramkumar

Team member : S.Pavithra

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirements (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Shown The Nutrition Details And Recipe For Scanned Food	USN-6	As a user,I can scan the food and get the nutrition details and recipe for related scanned food	1	High	Lavanya.A Nandha Gokul.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-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)

Average Velocity = Story  
Points per Day

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

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

$$AV = \frac{20}{5} \approx 4$$

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.



# BurntDown Chart

