# ProjectPlanningPhase

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

**ProductBacklog,SprintSchedule,andEstimation**

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 1. | Download the application | USN-1 | As a user,download and open the application or website. | 2 | Medium | Bhairavi M Deepak Aswin Anazudeen |
| Sprint 1 | | USN-2 | As a user, I can switch on the camera and start recording the signs for detection. | 1 | High | Bhairavi M Deepak Aswin Anazudeen |
| Sprint 2 | | USN-3 | The recorded video or the captured image is taken as input by the model | 2 | Medium | Bhairavi M Deepak Aswin Anazudeen |
| Sprint 1 | Detection of signs and conversion into texts | USN-4 | Using the pretrained CNN model, The detection of signs can be done and is converted and displayed as text. | 2 | High | Bhairavi M Deepak Aswin Anazudeen |
| Sprint 1 | Conversion into audio. | USN-5 | As a user , I can also convert the text to voice/audio . | 1 | Low | Bhairavi M Deepak Aswin Anazudeen |

# Project Tracker, Velocity & Burndown Chart

| Sprint | Total story points | Duration | Sprint start date | Sprint start date(planned) | Story Points Completed(as on Planned EndDate) | SprintRelease Date(Actual) |
|--------|--------------------|----------|-------------------|----------------------------|-----------------------------------------------|----------------------------|
| Sprint 1 | 20 | 6 days | 24 oct 2022 | 27 oct 2022 | 20 | 27 oct 2022 |
| Sprint 2 | 20 | 6 days | 31 oct 2022 | 5 nov 2022 | | |
| Sprint 3 | 20 | 6 days | 07 nov 2022 | 13 nov 2022 | | |
| Sprint 4 | 20 | 6 days | 14 nov 2022 | 19 nov 2022 | | |
| | | | | | | |

## Velocity:

Imagine we have a10-dayspring duration,and velocity the team is 20(points per sprint). Let's Calculate The Team's Average Velocity(AV)per iteration unit(story points per day

**AV =** sprint duration / velocity = 20/10 = 2