

Project Planning Phase

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

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|---------------|--------------------------|
| Date | 5th september 2023 |
| Team id | Team-593094 |
| Project name | Image caption generation |
| Maximum marks | 8 marks |

Product Backlog and Sprint Schedule:

| 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 | 2 | High | Amaan khan Prakhar pratap singh |

| | | | | | | |
|-----------|-----------|-------|---|---|--------|------------------------------------|
| | | | my password | | | |
| Sprint -1 | | USN-2 | As a user, i will receive a confirmation email once i have registered for the application | 1 | High | Amaan khan Prakhar pratap singh |
| Sprint -1 | | USN-3 | As a user , i can register for the application through facebook | 2 | low | Amaan khan Prakhar pratap singh |
| Sprint -1 | | USN-4 | As a user , i can register for the application through gmail | 2 | medium | Amaan khan Prakhar pratap singh |
| Sprint -1 | login | USN-5 | As a user , i can login into the application by entering email & password | 1 | high | Amaan khan Prakhar pratap singh |
| Sprint -1 | dashboard | | | | | |

| Sprint | Sprint total salary points | duration | Sprint start date | Sprint end date | Story points completed | Sprint release date |
|--------|----------------------------|----------|-------------------|-----------------|------------------------|---------------------|
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|------------|----|--------|-------------|-------------|----|-------------|
| Sprint - 1 | 20 | 6 days | 24 oct 2023 | 29 oct 2023 | 20 | 29 oct 2023 |
| Sprint -2 | 20 | 6 days | 31 oct 2023 | 05 nov 2023 | | |
| Sprint -3 | 20 | 6 days | 07 nov 2023 | 12 nov 2023 | | |
| Sprint -4 | 20 | 6 days | 14 nov 2023 | 19 nov 2023 | | |

Velocity Calculation:

Average Velocity (AV) per iteration unit (story points per day): Total Story Points / Total Sprint Duration

$$AV = \text{SPRINT DURATION} / \text{VELOCITY} = 20/10=2$$

Burndown Chart:

Burndown charts represent work left versus time in a sprint. It helps visualize progress and completion rates. [Reference Links provided in the task]

References:

Atlassian: Agile Project Management

Atlassian: Scrum with Jira Software

Atlassian: Epics

Atlassian: Sprints

Atlassian: Estimation

Atlassian: Burndown Charts