# ProjectPlanningPhase
## ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)

| Date | 03 October2022 |
|---|---|
| TeamID | PNT2022TMID27807 |
| ProjectName | Project–Skill/ JobRecommender |
| MaximumMarks | 8 Marks |

**ProductBacklog,SprintSchedule,andEstimation(4Marks)**

Usethebelowtemplate to createproductbacklogandsprintschedule

| Sprint | Functional Requirement(Epic) | UserStory Number | UserStory/Task | StoryPoints | Priority | TeamMembers |
|---|---|---|---|---|---|---|
| **Sprint-1** | Registration | USN-1 | UICreation CreatingRegistrationpage,Loginpage | 10 | Medium | **DHANALAKSHMI KEERTHI** |
| **Sprint-1** | DatabaseCon nectivity | USN-2 | Viewing and applying jobsConnectingUIwith Database | 10 | High | **DIKSHA ANCHAN A** |
| **Sprint-2** | SendGridIntegration | USN-3 | SendGridIntegrationwithPythonCode | 10 | Low | **DIKSHA ANCHANA** |
| **Sprint-2** | ChatbotDevelopment | USN-4 | Buildingachatbot | 10 | High | **DIKSHA DHANALAKSHMI ANCHANA KEERTHI** |
| **Sprint-3** | Integration andContainerisation | USN-5 | IntegratingchatbottotheHTMLpage andcontainerizingtheapp. | 20 | Medium | **DIKSHA DHANALAKSHMI ANCHANA KEERTHI** |
| **Sprint-4** | UploadImageanddeploym ent | USN-6 | Uploadthe imagetotheIBMRegistryanddeployi tinthe KubernetesCluster. | 20 | High | **DIKSHA ANCHANA** |

**ProjectTracker,Velocity&BurndownChart: (4Marks)**

| Sprint | Total StoryPoints | Duration | SprintStart Date | SprintEndDate( Planned) | Story PointsCompleted (as onPlannedEndDate) | Sprint Release Date(Actual) |
|--------|-------------------|----------|------------------|-------------------------|---------------------------------------------|-----------------------------|
| Sprint-1 | 20 | 6Days | 24Oct2022 | 29Oct2022 | 20 | 29Oct2022 |
| Sprint-2 | 20 | 6Days | 31Oct2022 | 05Nov2022 | 18 | 06 Nov 2022 |
| Sprint-3 | 20 | 6Days | 07Nov2022 | 12Nov2022 | 20 | 11 Nov 2022 |
| Sprint-4 | 20 | 6Days | 14Nov2022 | 19Nov2022 | 19 | 19 Nov 2022 |

**Velocity:**

Imaginewehavea10-daysprint
duration,andthevelocityoftheteamis20(pointspersprint).Let'scalculatetheteam'saveragevelocity(AV)periterationunit(storypointsperday)

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

**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, burndown charts can be applied to any project containing measurable progress over time.

**Burn Down Chart**