

## ProjectPlanningPhase

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

Date	26October2022
TeamID	PNT2022TMID29933
ProjectName	Personal Assistance for Seniors Who Are Self-Reliant
MaximumMarks	8Marks

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

Sprint	FunctionalRequirement(Epic)	UserStoryNumber	UserStory/Task	StoryPoints	Priority	Team Member
Sprint-1	Registration via <b>App</b>	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	3	High	Venkatesh G Surya M
Sprint-1	Registration via Facebook/ Gmail	USN-2	As a user, I can register for the application through Facebook	3	High	Prasanth S Sabarinath K
Sprint-1	Reminder System in the application	USN-3	As a user, Once after the registration, I can log in and set the reminder for Pills	3	High	Venkatesh G Surya M
Sprint-1	Login	USN-4	As a user, I can login to the application by entering email & password	1	Low	Prasanth S Sabarinath K
Sprint-2	Create WebUI for <b>administrative purpose</b>	USN-5	To create WebUI for Admin Page to store Prescriptions along hospital side.	3	High	Venkatesh G Surya M

Sprint	FunctionalRequirement(Epic)	UserStoryNumber	UserStory/Task	StoryPoints	Priority	TeamMember
Sprint-2	Registration viaFacebook/Gmail	USN-6	As auser, I can Register through the facebook.	3	High	Prasanth S Sabarinath K
Sprint-2	Registration viaGmail	USN-7	As a user, I can Register through the Gmail.	3	High	Venkatesh G Surya M
Sprint-3	CreateIBMWatsonand devicesettings	USN-8	To create the IBM Watson IOT platform andIntegrate the microcontroller with it to sendsenseddatatocloud	3	High	Prasanth S Sabarinath K
Sprint-3	Create node redservice	USN-9	Store the data of the Prescription in the Web UI	3	High	Venkatesh G Surya M
Sprint-3	Text to speech	USN - 10	Integrating Text to Speech in the application or web application in the user end.	3	High	Prasanth S Sabarinath K
Sprint-4	A remainder to the TTS services	USN-11	The admin or hospital management send the alert message to the user and their guardian (family member) when the user did not consume pills on concern time.	3	High	Prasanth S Sabarinath K
Sprint-4	Alert Message	USN-12	The admin or hospital management send the alert message to the user and their guardian (family member) when the user did not consume pills on concern time.	3	High	Venkatesh G Surya M
Sprint-4	Testing	USN-13	Testing of project and final deliverables	3	High	Venkatesh G Surya M

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

Sprint	TotalStory Points	Duration	SprintStartDate	Sprint End Date(Planned)	Story PointsCompleted (as onPlannedEndDate)	Sprint Release Date(Actual)
Sprint-1	10	6Days	24Oct2022	29Oct2022	10	29 Oct 2022
Sprint-2	10	6Days	31Oct2022	05Nov2022	10	05Nov2022
Sprint-3	10	8Days	07 Nov2022	12Nov2022	10	12Nov2022
Sprint-4	10	6Days	14Nov2022	19Nov2022	10	19Nov2022

**Velocity:**

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

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

## BurndownChart:

A burndown chart is a graphical representation of work left to do over 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.

