

ProjectPlanningPhase

ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)

Date	15 November2022
TeamID	PNT2022TMID45080
ProjectName	NaturalDisasterIntensityAnalysisandDesign
MaximumMarks	8 Marks

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

thebelowtemplatetocreateproductbacklogand sprintschedule

Sprint	FunctionalRequirement(Epic)	UserStory Number	UserStory/Task	StoryPoints	Priority	TeamMembers
Sprint-1	Registration	USN-1	As a user, I can register for the application byentering my email, password, and confirming mypassword.	2	High	USHA.M ABINAY A.G MADHA VAN.R SANGEE THA.K
Sprint-1		USN-2	As a user, I will receive confirmation email once Ihave registered fortheapplication	1	High	Usha
Sprint-2		USN-3	Asauser,IcanregisterfortheapplicationthroughFace book	2	Low	Abinaya
Sprint-2		USN-4	Asauser,IcanregisterfortheapplicationthroughGmai l	2	Medium	Madhavan
Sprint-1	Login	USN-5	Asauser,Icanlogintotheapplicationbyenteringemail&p assword	1	High	Sangeetha
Sprint-1	Dashboard	USN-6	Asauser,Icanaccesstheservicesandinformationprovide din thedashboard	2	High	Sangeetha
Sprint-1	login	USN-7	Asauser,Icanlogintothewebapplicationandaccessthe das hboard	2	High	Abinaya

Sprint-4	Helpdesk	USN-8	As a user, I can get the guidance from the customer care	1	High	Abinaya
Sprint-3	Management	USN-9	As an administrator, I can collect new datasets and keep the model trained	2	High	Madhavan

Sprint	Functional Requirement (Epic)	User Story Number	User Story/Task	Story Points	Priority	Team Members
Sprint-3		USN-10	As an administrator, I can update other features of the application	2	Medium	Sangeetha
Sprint-3		USN-11	As an administrator, I can maintain the information about the user	2	Medium	Abinaya
Sprint-4		USN-12	As an administrator, I can maintain third-party services	1	Low	Madhavan

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-1	8	6 Days	26 Oct 2022	23.11.2022	8	19.11.2022
Sprint-2	4	6 Days	1 Oct 2022	23.11.2022	4	19.11.2022
Sprint-3	6	6 Days	6 Nov 2022	23.11.2022	6	19.11.2022
Sprint-4	2	6 Days	10 Nov 2022	23.11.2022	2	19.11.2022

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)

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

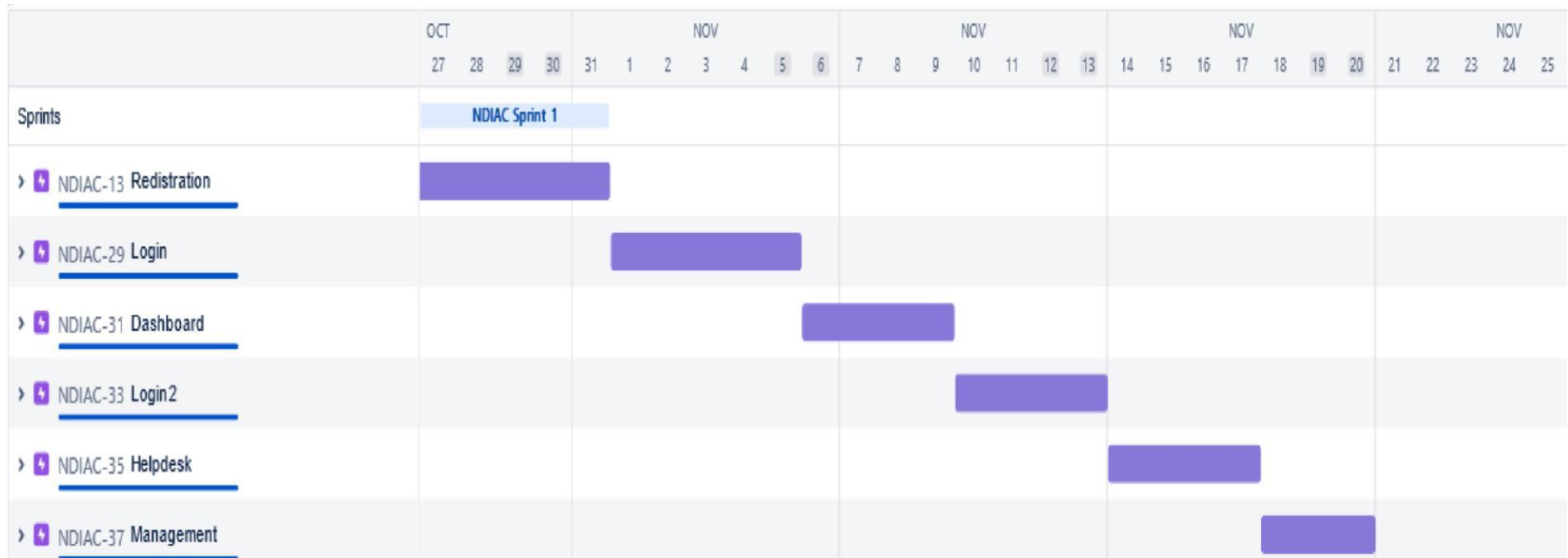
$AV(\text{Sprint1}) = 8/6 = 1.33$
 $AV(\text{Sprint2}) = 4/6 = 0.67$
 $AV(\text{Sprint3}) = 6/6 = 1$

$AV(\text{Sprint4}) = 2/6 = 0.33$

$AV(\text{Total}) = 20/24 = 0.83$ (appx., 1 sprint to be completed per day)

BurndownChart:

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.





Natural Disaster Inte...
Software project



Back to project

Reports

Overview

Burnup report

Sprint burndown chart

Velocity report

Cumulative flow diagram

Cycle time report

Deployment frequency report

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NDIAC Sprint 1

Story points

Date - October 26th, 2022 - October 31st, 2022



Remaining work

Number of story points left to complete this sprint



Guideline

Ideal burn rate

