

Project Planning Phase

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

Date	18 October 2022
Project Name	Digital Naturalist - AI Enabled tool for Biodiversity Researchers
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Modelling Phase	USN-2	Data Collecting and digitalizing for analyzing	3	Medium	Vinu
Sprint-1		USN-3	Building a CNN model using the collected data	5	High	Vijayaraghavan
Sprint-1		USN-3	Evaluating the model to check the accuracy and precision	3	High	Varshini
Sprint-2	Development Phase	USN-1	Home page Creation – Shows the features of our application	4	Medium	Shwathi
Sprint-2		USN-1	Setting up facilities for registering and logging into the website	4	Medium	Vinu
Sprint-2		USN-2	Setting up facilities for users to upload image	4	Medium	Rakshaa
Sprint-2		USN-2	Creating prediction page which shows the result	5	High	Rakshaa
Sprint-3	Deployment Phase	USN-3	Integrating UI & backend using API	3	Medium	Varshini
Sprint-4	Testing Phase	USN-3	Functional testing – testing the functional requirements	5	High	Shwathi
Sprint-4		USN-3	Non-Functional testing – Checking non-functional requirements such as scalability, robustness, etc.	5	High	Vijayaraghavan

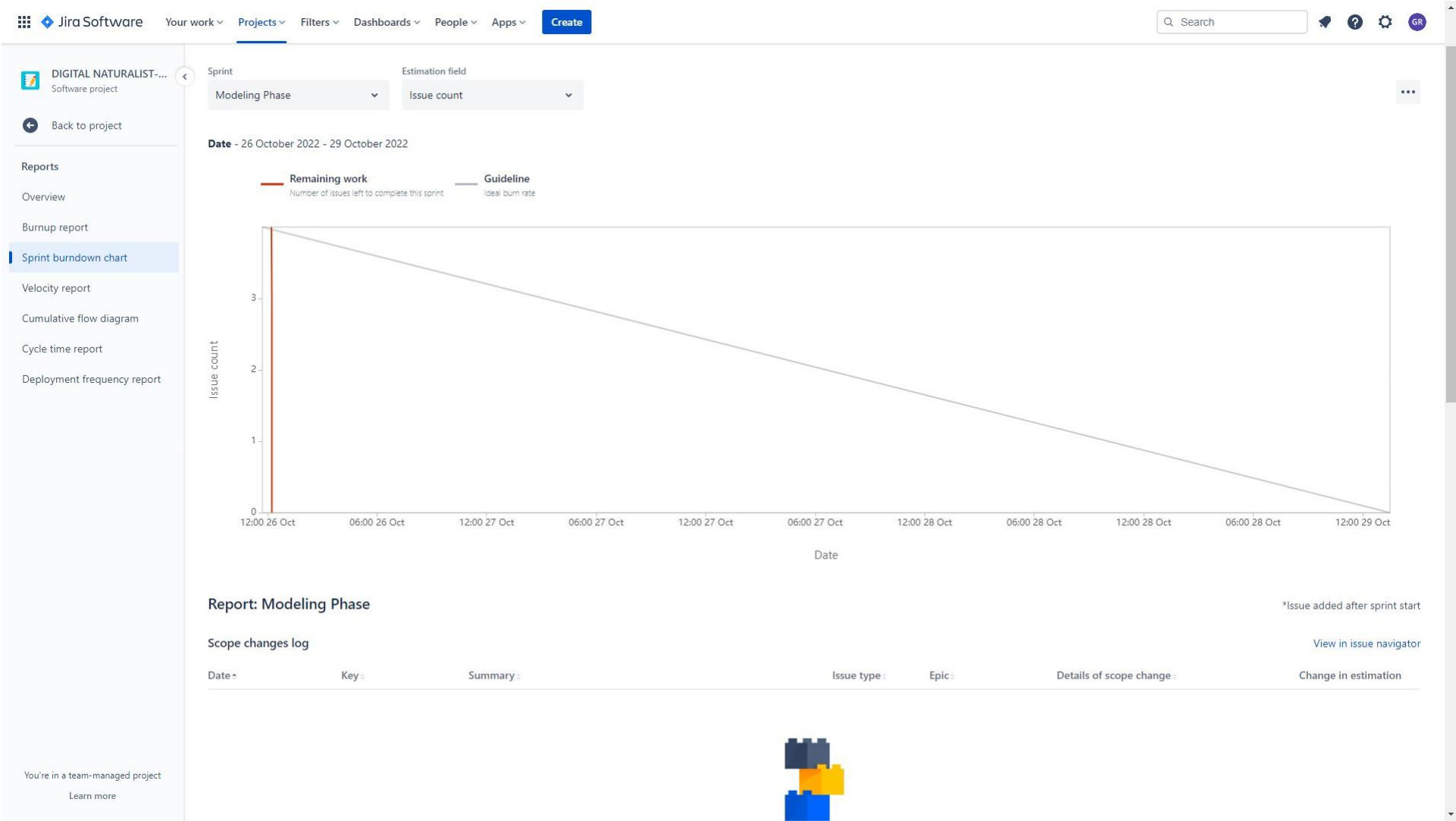
Project Tracker, Velocity & Burndown Chart: (4 Marks)

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	24 Oct 2022	29 Oct 2022	8	29 Oct 2022
Sprint-2	12	6 Days	31 Oct 2022	05 Nov 2022	12	05 Nov 2022
Sprint-3	21	6 Days	07 Nov 2022	12 Nov 2022	21	12 Nov 2022

Velocity:

Average Velocity = $41/18 = 2.27$

Burndown Chart:



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Roadmap

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	OCT		OCT		NOV		NOV		NOV		NOV																										
	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Sprints																																					
DIGI-1 Data collecting and analysing																																					
DIGI-2 Adding more data																																					
DIGI-3 Build CNN model																																					
DIGI-4 Test CNN model																																					
DIGI-5 Create home page																																					
DIGI-6 Setup upload facility																																					
DIGI-7 Create prededction page																																					
DIGI-8 Create apis																																					
DIGI-9 Integrate ui and api																																					
DIGI-10 Deploy the app in cloud																																					
DIGI-11 Test for robustness of teh appli...																																					
DIGI-12 test the user acceptance and in...																																					
+ Create Epic																																					

Today

Weeks

Months

Quarters