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)

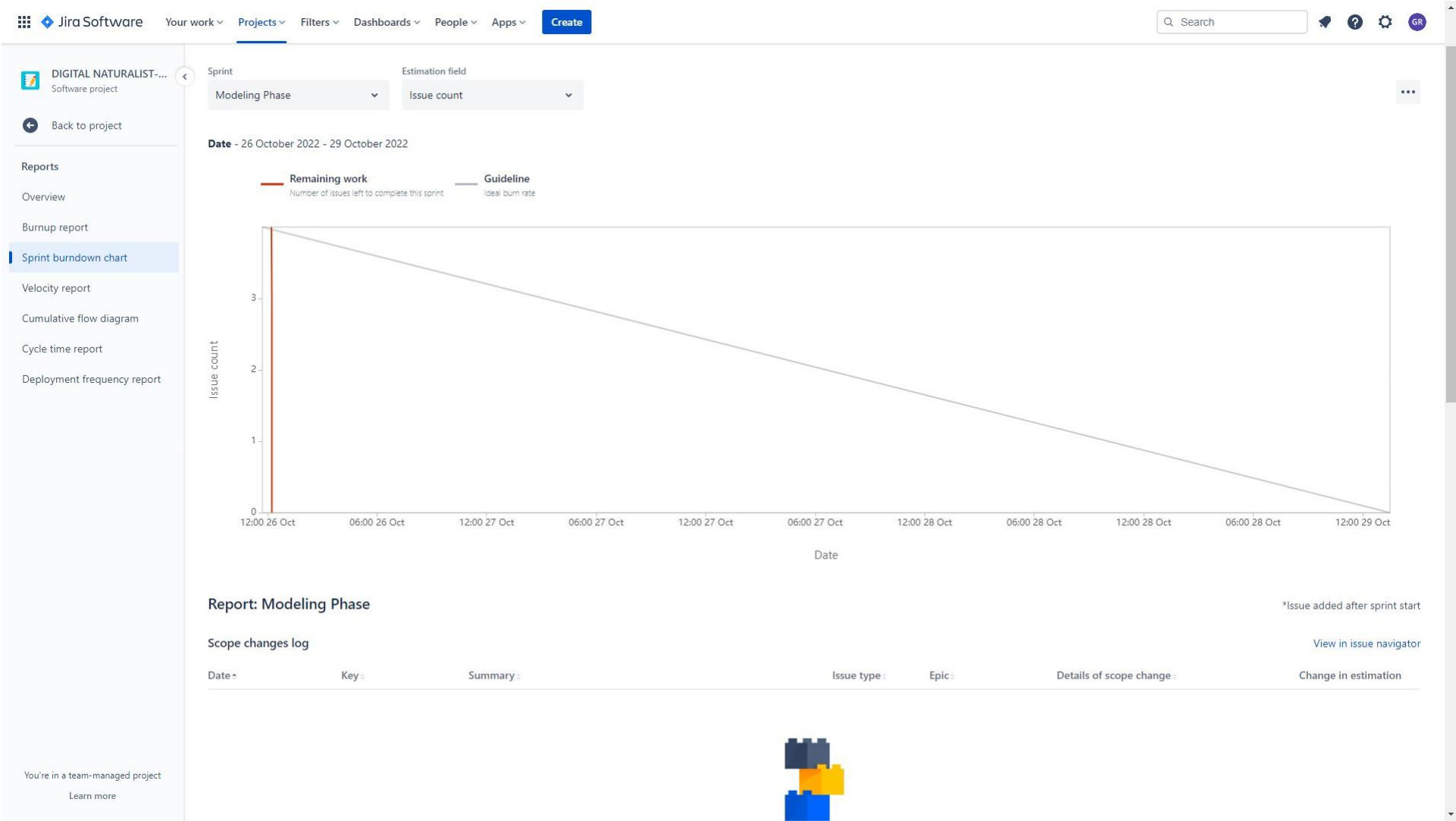| Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Modelling Phase	USN-2	Data Collecting and digitalizing for analyzing	3	Medium	Vinu
Sprint-1		USN-3	Building a CNN model using the collected data	5	High	Vijayaraghavan
Sprint-1		USN-3	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:

Roadmap: