Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID29236
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-1	Data Collecting and digitalizing for analysing	3	Medium	B.Sathish Kumar
Sprint-1		USN-2	Adding more data to avoid overfitting	2	Medium	V.vignesh
Sprint-1		USN-3	Building a CNN model using the collected data	5	High	S.Nethaji
Sprint-2	Development Phase	USN-5	Home page Creation – Shows the features of our application	1	Low	V.vignesh
Sprint-2		USN-6	Setting up facilities for user to feed the image	2	Medium	B.Sathish Kumar
Sprint-2		USN-7	Prediction page creation – shows prediction for the user given image	4	Medium	D.Sathish
Sprint-2		USN-8	Model loading – API creation using flask	5	High	S.Nethaji
Sprint-3	Deployment Phase	USN-9	Integrating UI & backend – Connecting the front end and backend using API calls	3	Medium	V.Vignesh
Sprint-3		USN-10	Cloud deployment – Deployment of application using IBM Cloud	5	High	B.Sathish Kumar
Sprint-4	Testing Phase	USN-11	Functional testing – Checking the scalability and robustness of the application	5	High	V.Vignesh
Sprint-4		USN-12	Non-Functional testing – Checking for user acceptance and integration	5	High	B.Sathish Kumar

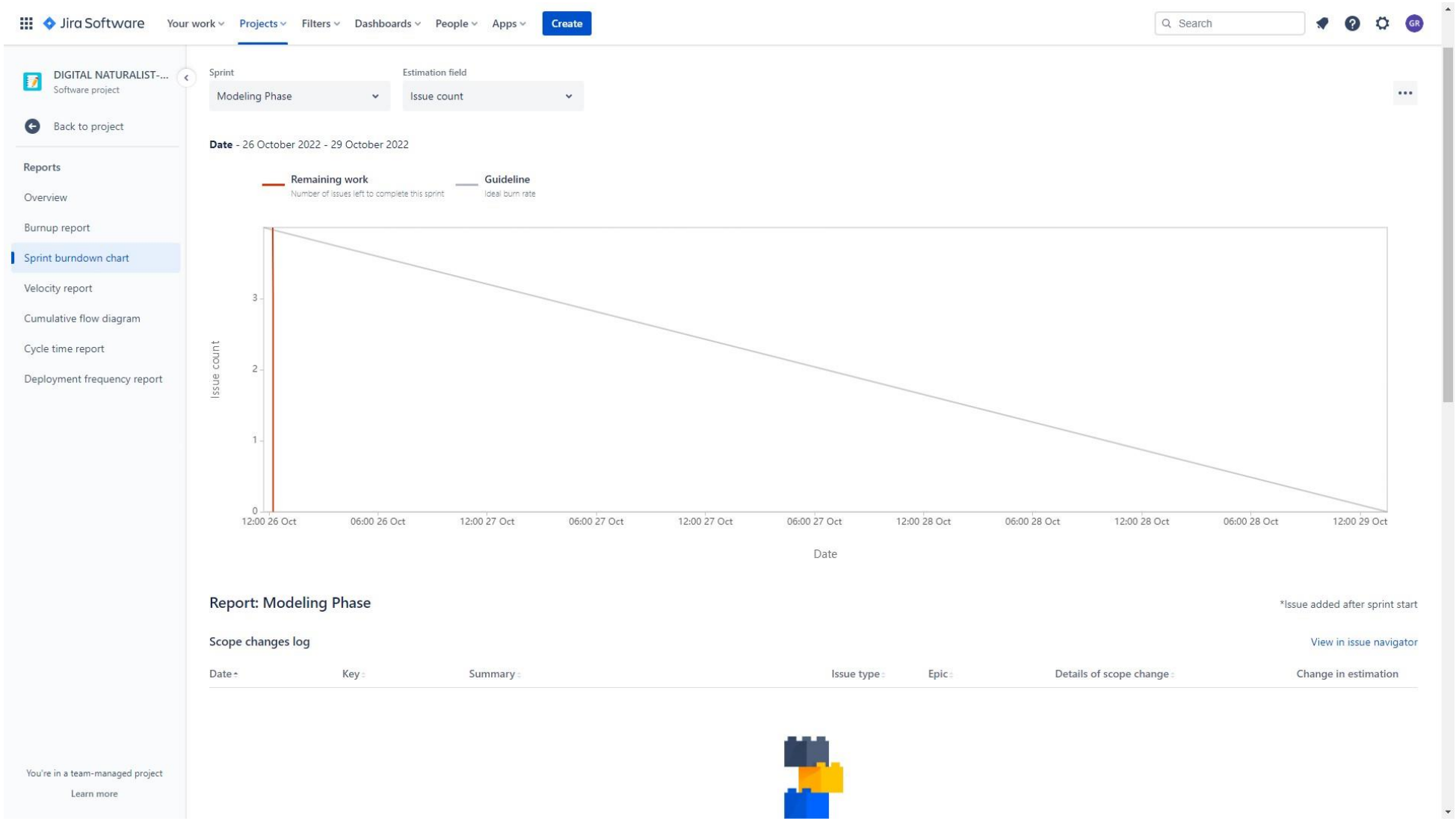
Project Tracker, Velocity & Burndown Chart: (4 Marks)

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	13	6 Days	24 Oct 2022	29 Oct 2022	13	29 Oct 2022
Sprint-2	12	6 Days	31 Oct 2022	05 Nov 2022	12	05 Nov 2022
Sprint-3	8	6 Days	07 Nov 2022	12 Nov 2022	8	12 Nov 2022
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022	10	19 Nov 2022

Velocity:

Average Velocity = 61/24 = 2.51

Burndown Chart: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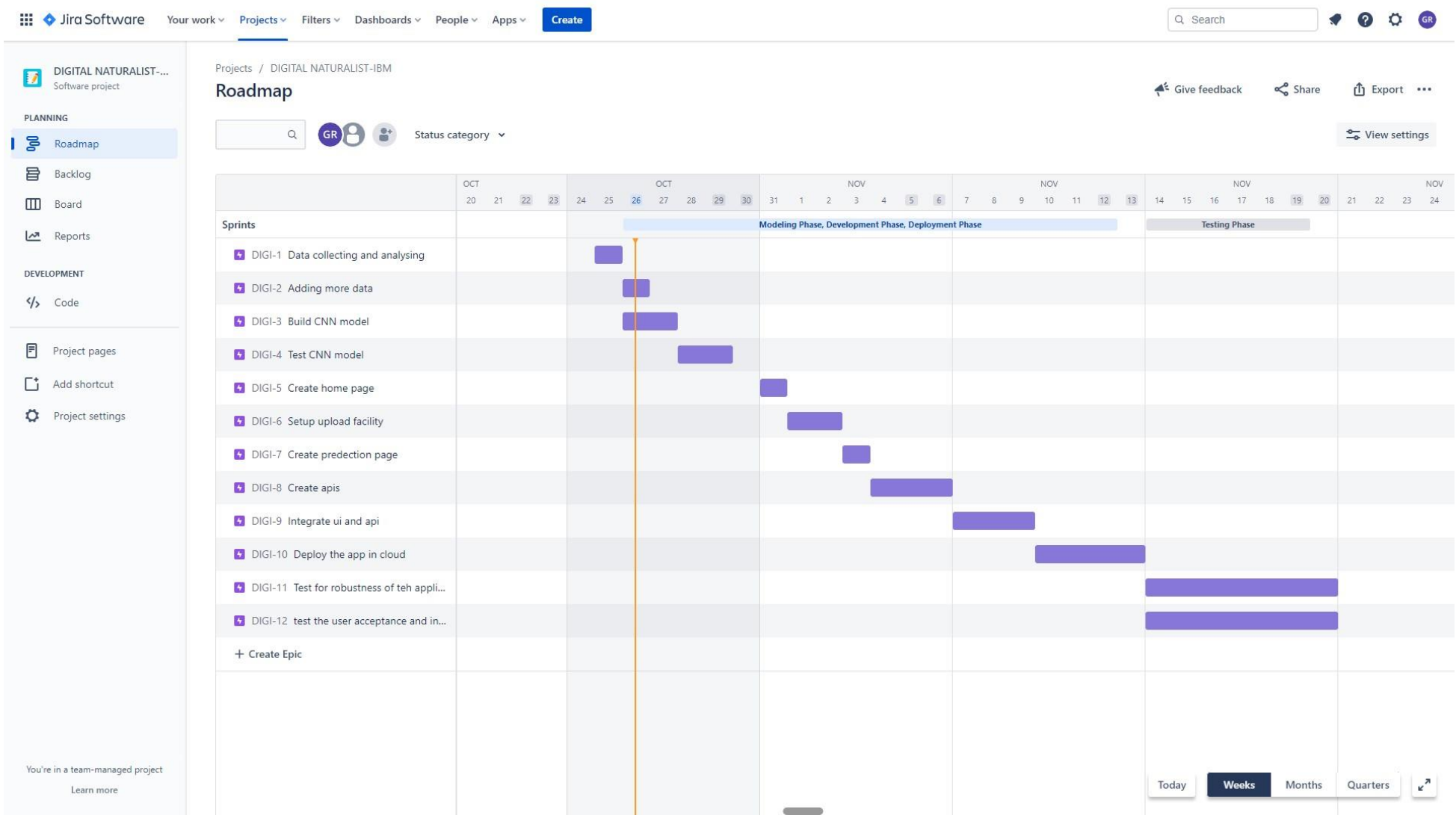
Sprint
Modeling Phase
Estimation field
Issue count
Date - 26 October 2022 - 29 October 2022
Remaining work
Number of issues left to complete this sprint
Guideline
Ideal burn rate
Issue count
0
1
2
3
12:00 26 Oct
06:00 26 Oct
12:00 27 Oct
06:00 27 Oct
12:00 27 Oct
06:00 27 Oct
12:00 28 Oct
06:00 28 Oct
12:00 28 Oct
06:00 28 Oct
12:00 29 Oct
Date
Report: Modeling Phase
*Issue added after sprint start
Scope changes log
View in issue navigator
Date
Key
Summary
Issue type
Epic
Details of scope change
Change in estimation

Roadmap: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Sprints
Modeling Phase, Development Phase, Deployment Phase
Testing Phase
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 predection 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