

Project Planning Phase

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

Date	18 October 2022
Team ID	IBM PNT2022TMID07192
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	AJAY R
Sprint-1		USN-2	Adding more data to avoid overfitting	2	Medium	ARUN KUMAR B
Sprint-1		USN-3	Building a CNN model using the collected data	5	High	DEIVEEGA
Sprint-1		USN-4	Evaluating the model to check the accuracy and precision	3	High	DEEPA SHRI
Sprint-2	Development Phase	USN-5	Home page Creation – Shows the features of our application	1	Low	AJAY R
Sprint-2		USN-6	Setting up facilities for user to feed the image	2	Medium	ARUN KUMAR B
Sprint-2		USN-7	Prediction page creation – shows prediction for the user given image	4	Medium	DEIVEEGA
Sprint-2		USN-8	Model loading – API creation using flask	5	High	DEEPA SHRI
Sprint-3	Deployment Phase	USN-9	Integrating UI & backend – Connecting the front end and backend using API calls	3	Medium	AJAY R
Sprint-3		USN-10	Cloud deployment – Deployment of application using IBM Cloud	5	High	ARUN KUMAR B
Sprint-4	Testing Phase	USN-11	Functional testing – Checking the scalability and robustness of the application	5	High	DEIVEEGA, DEEPA SHRI

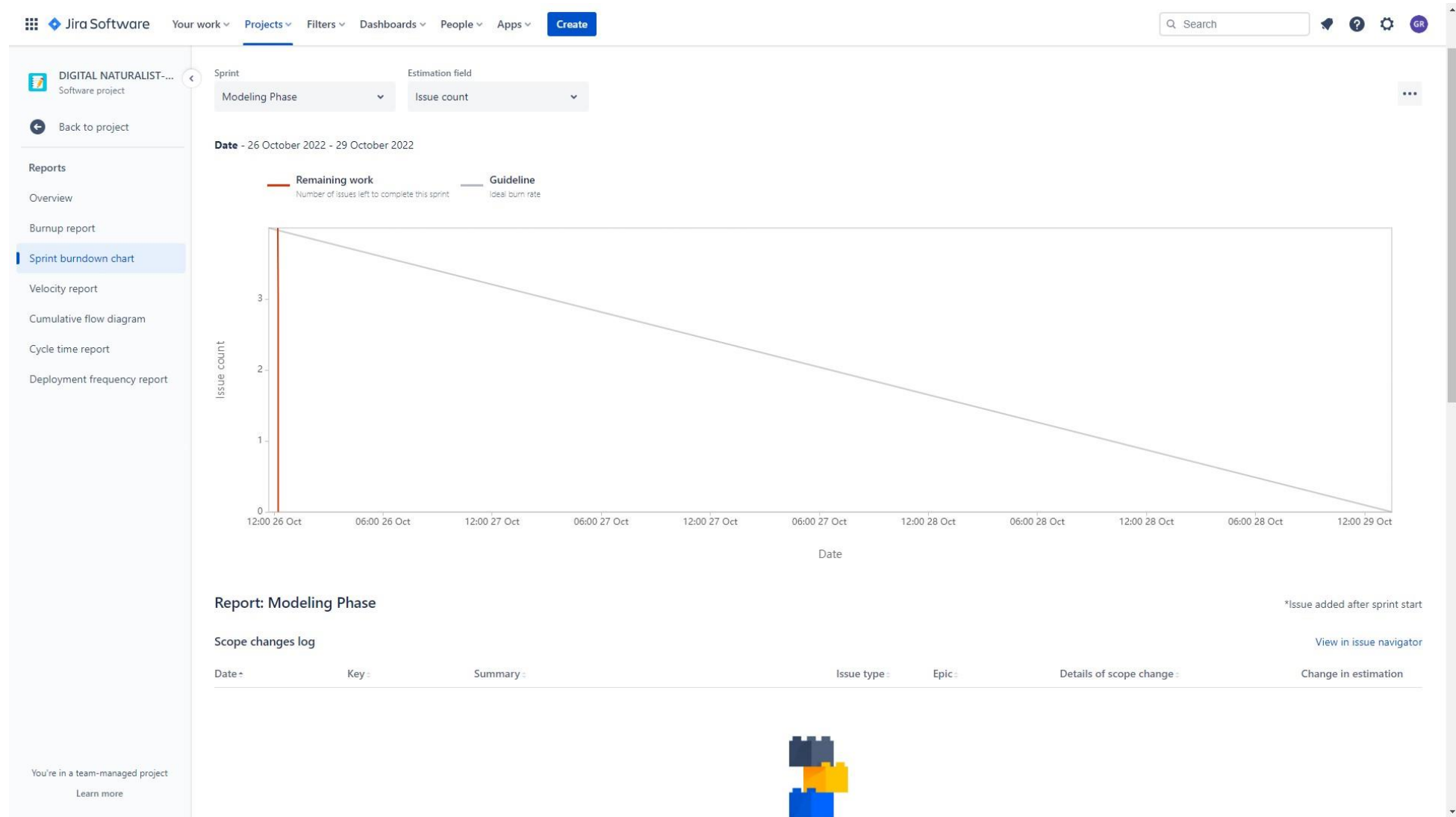
Project Tracker, Velocity & Burndown Chart: (4 Marks)

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

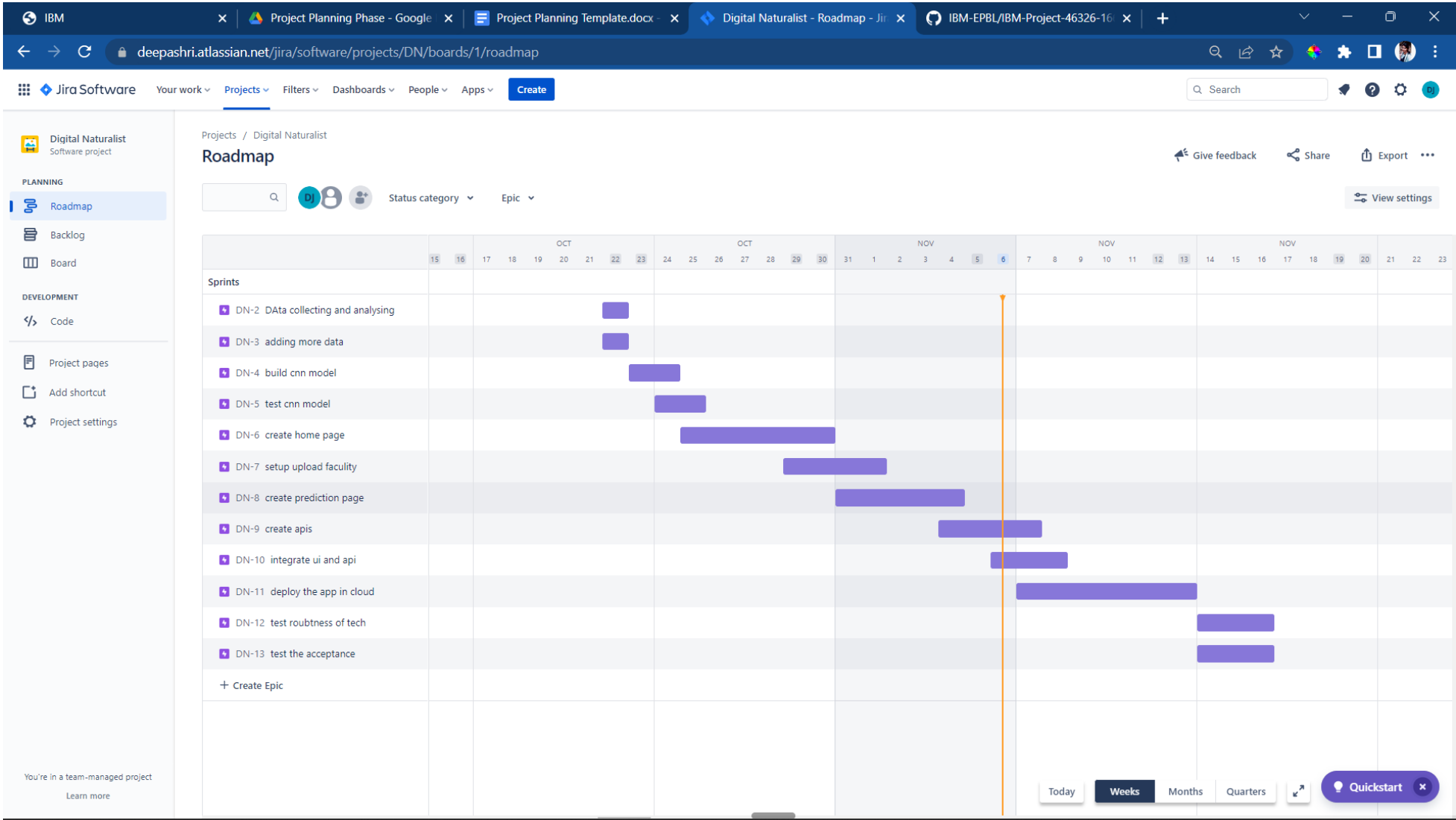
Velocity:

$$\text{Average Velocity} = 61/24 = 2.51$$

Burndown Chart:



Roadmap:



Backlog:

IBM

Project Planning Phase - Google

Project Planning Template.docx

Digital Naturalist - Agile board

IBM-EPBL/IBM-Project-36795-16

deepashri.atlassian.net/jira/software/projects/DN/boards/1/backlog

Jira Software

Your work

Projects

Filters

Dashboards

People

Apps

Create

Search

Digital Naturalist

Software project

PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

You're in a team-managed project

Learn more

Does your team need more from Jira? [Get a free trial of our Standard plan.](#)

Projects / Digital Naturalist

Backlog

DJ

Epic

Insights

DN Sprint 1

Add dates

3 issues

000

Start sprint

DN-15

As a user, I can register for the application by entering my email, password, and confirming my password.

TO DO

DN-16

As a user, I will receive confirmation email once I have registered for the application

TO DO

DN-17

As a user. I can log into the application by entering Gmail and password

TO DO

+ Create issue

Backlog

3 issues

000

Create sprint

DN-19

As a user, I can capture the image of the species

TO DO

DN-18

As a user. I can upload of the Image of the species

TO DO

DN-20

As a user. I need result

TO DO

+ Create issue

Quickstart