

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

Team ID	PNT2022TMID38453
Project Name	Project – Digital Naturalist - AI enabled tool for biodiversity researchers

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

	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	Mahalakshmi.s
Sprint-1		USN-2	Adding more data to avoid overfitting	2	Medium	Jayalumar.v
Sprint-1		USN-3	Building a CNN model using the collected data	5	High	Premkumar.k
Sprint-1		USN-4	Evaluating the model to check the accuracy and precision	3	High	Malavika.d
Sprint-2	Development Phase	USN-5	Home page Creation – Shows the features of our application	1	Low	Monika.d
Sprint-2		USN-6	Setting up facilities for user to feed the image	2	Medium	Jayakumar.v
Sprint-2		USN-7	Prediction page creation – shows prediction for the user given image	4	Medium	Malavika.d
Sprint-2		USN-8	Model loading – API creation using flask	5	High	Monika.d
Sprint-3	Deployment Phase	USN-9	Integrating UI & backend – Connecting the front end and backend using API calls	3	Medium	Premkumar.k
Sprint-3		USN-10	Cloud deployment – Deployment of application using IBM Cloud	5	High	Mahalakshmi.s
Sprint-4	Testing Phase	USN-11	Functional testing – Checking the scalability and robustness of the application	5	High	Jaykumar.v

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	07 Nov 2022	23 Nov 2022	13	23 Nov 2022
Sprint-2	12	6 Days	07 Nov 2022	23 Nov 2022	12	23 Nov 2022
Sprint-3	8	6 Days	07 Nov 2022	23 Nov 2022	8	23 Nov 2022
Sprint-4	10	6 Days	07 Nov 2022	23 Nov 2022	10	23 Nov 2022

Velocity:

Average Velocity = $61/24 = 2.51$

DIGITAL NATURALIST-...
Software project

Back to project

Reports

Overview

Burnup report

Sprint burndown chart

Velocity report

Cumulative flow diagram

Cycle time report

Deployment frequency report

Sprint

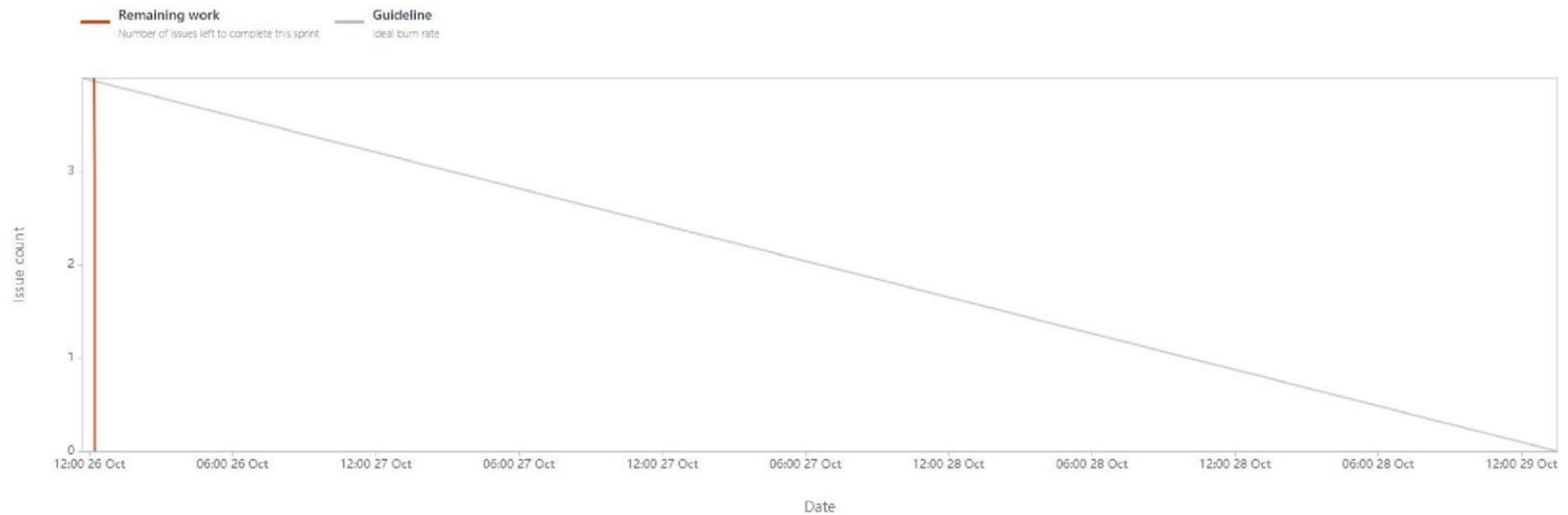
Modeling Phase ▾

Estimation field

Issue count ▾



Date - 26 October 2022 - 29 October 2022



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 ▾

You're in a team-managed project
[Learn more](#)



Roadmap:

The screenshot displays the Jira Roadmap for the 'Digital Naturalist' project. The interface includes a sidebar with navigation options like 'Roadmap', 'Backlog', 'Board', 'Code', 'Project pages', 'Add shortcut', and 'Project settings'. The main area shows a timeline from October to November. Tasks are represented as horizontal bars, indicating their duration. A vertical line marks the 'Today' date. The tasks listed are:

- DN-2 Data collecting and analysing
- DN-3 adding more data
- DN-4 build cnn model
- DN-5 test cnn model
- DN-6 create home page
- DN-7 setup upload facility
- DN-8 create prediction page
- DN-9 create apis
- DN-10 integrate ui and api
- DN-11 deploy the app in cloud
- DN-12 test rountness of tech
- DN-13 test the acceptance

At the bottom, there are tabs for 'Today', 'Weeks', 'Months', and 'Quarters', along with a 'Quickstart' button.

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) 0 0 0 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) 0 0 0 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