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

Date	5 November 2022
Team ID	PNT2022TMID22302
Project Name	Digital Naturalist –AI enabled tool for biodiversity researchers
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can install the application and register it by entering my email, password, and confirming my password.	2	High	Gowri T Divyadarshini M Reethika J B Janani A V R
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Gowri T Divyadarshini M Reethika J B Janani A V R
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Gowri T Divyadarshini M Reethika J B Janani A V R
Sprint-1		USN-3	As a user, I can register for the application through Facebook	2	Low	Gowri T Divyadarshini M Reethika J B Janani A V R
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Gowri T Divyadarshini M Reethika J B Janani A V R
Sprint-3	Dashboard	USN-6	As a user ,I will analyze the functions of a software	1	Medium	Gowri T Divyadarshini M Reethika J B Janani A V R
Sprint-4	Input/output	USN-7	As a user,I will give required information to the software to get output	2	High	Gowri T Divyadarshini M Reethika J B Janani A V R
Sprint 4		USN-8	As a user I can get the name and description of species which I captured	2	High	Gowri T Divyadarshini M Reethika J B Janani A V R

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	20	3 Days	5 Nov 2022	7 Nov 2022	20	7 Nov 2022
Sprint-2	20	4 Days	8 Nov 2022	11 Nov 2022	20	11 Nov 2022
Sprint-3	20	4 Days	12 Nov 2022	15 Nov 2022	20	15 Nov 2022
Sprint-4	20	4 Days	16 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint).
Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

DNAET Sprint 1   ⌄   Story points   ⌄   ⋯

Date - November 5th, 2022 - November 7th, 2022

Remaining work   Guideline
Number of story points left to complete this sprint   Ideal burn rate

Story points

0.8

0.6

0.4

0.2

0

06:00 05 Nov   12:00 06 Nov   06:00 06 Nov   12:00 06 Nov   06:00 06 Nov   12:00 07 Nov   06:00 07 Nov   12:00 07 Nov

DNAET Sprint 2   ⌄   Story points   ⌄   ⋯

Date - November 8th, 2022 - November 11th, 2022

Remaining work   Guideline
Number of story points left to complete this sprint   Ideal burn rate

Story points

0.8

0.6

0.4

0.2

0

12:00 09 Nov   12:00 09 Nov   12:00 10 Nov   12:00 10 Nov   12:00 11 Nov   12:00 11 Nov

DNAET Sprint 3   ⌄   Issue count   ⌄   •••

Date - November 12th, 2022 - November 15th, 2022

Remaining work
Number of issues left to complete this sprint

Guideline
Ideal burn rate

DNAET Sprint 4   ⌄   Issue count   ⌄   •••

Date - November 16th, 2022 - November 19th, 2022

Remaining work
Number of issues left to complete this sprint

Guideline
Ideal burn rate