Project Planning Phase

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

Date	**18 October 2022**
Team ID	**PNT2022TMID06270**
Project Name	**Natural disaster intensity analysis and classification using AI Solution**
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 Collecting data from trusted sources, in addition to collecting analysis.	2	High	1.Akshara.M 2.Haritha.L 3.Jothimeena.V 4.Kaviya.C 5.Monika.S
Sprint-1		USN-2	As a user, I Filtering of demographic information, as well as filtering of countries , region, state ,or province with cases of disaster	1	High	1.Akshara.M 2.Haritha.L 3.Jothimeena.V 4.Kaviya.C 5.Monika.S
Sprint-2		USN-3	As a user, I Counting, globally or from a specific location ,of confirmed cases, Recovered and deaths by Disaster	2	Low	1.Akshara.M 2.Haritha.L 3.Jothimeena.V 4.Kaviya.C 5.Monika.S
Sprint-1		USN-4	As a user, I can register for the application through maps	2	Medium	1.Akshara.M 2.Haritha.L 3.Jothimeena.V 4.Kaviya.C 5.Monika.S
Sprint-1	Login	USN-5	As a user, I can log into the application by entering geographic panel	1	High	1.Akshara.M 2.Haritha.L 3.Jothimeena.V 4.Kaviya.C 5.Monika.S
Sprint-2	Dashboard	USN-6	As a user, I Display of maps, histograms, or an interactive geographic panel	1	High	1.Akshara.M 2.Haritha.L

						3.Jothimeena.V 4.Kaviya.C 5.Monika.S
Sprint-2	Importing and Exporting data	USN-7	As a user, I Exporting results, data, or information in CSV or JSON format, as well as importing data from CSV files	3	High	1.Akshara.M 2.Haritha.L 3.Jothimeena.V 4.Kaviya.C 5.Monika.S
Sprint-3	Show orientation	USN-8	As a user, I Displaying Disaster prevention tips, a page with information on how to protect itself , travel tips,	4	Low	1.Akshara.M 2.Haritha.L 3.Jothimeena.V 4.Kaviya.C 5.Monika.S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			emergency contacts ,link toweb sites with import an information about the AI			
Sprint-4	Data update	USN-9	As a user I Updating information, spreadsheets, list of recovered patients, news page, and daily statistics	3	Medium	5
Sprint-4	Responsiveness	USN-10	As a user I , Terms of supporting the phases of disaster management, it was observed that the repositories focused only on the response phase.	4	High	5
Sprint-2	Risk Management	USB-11	As a user I, Raise risk culture and awareness and avoid any risk situations by eliminating risky practices	5	High	5
Sprint-2	Communication Management	USB-12	As a user I , Timely involvement of the community and sharing ideas , hands-on experiences	4	High	5
Sprint-3	Time, Cost, Scope and Quality	USB-13	As a user I, Keep the balance of these project variables , taking into account that in emergency situation priorities shift lot from normal everyday project.	4	Low	5
Sprint-4	Project Integration management	USB-14	As a user I , Coordinate and integrate several alternative initiatives .	6	Medium	5

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	6 Days	28 Oct 2022	02 Nov 2022	20	02 Nov 2022
Sprint-2	20	6 Days	02 Nov 2022	07 Nov 2022	30	08 Nov 2022
Sprint-3	20	6 Days	08 Nov 2022	13 Nov 2022	35	14 Nov 2022
Sprint-4	20	6 Days	15 Nov 2022	20 Nov 2022	15	21 Nov 2022

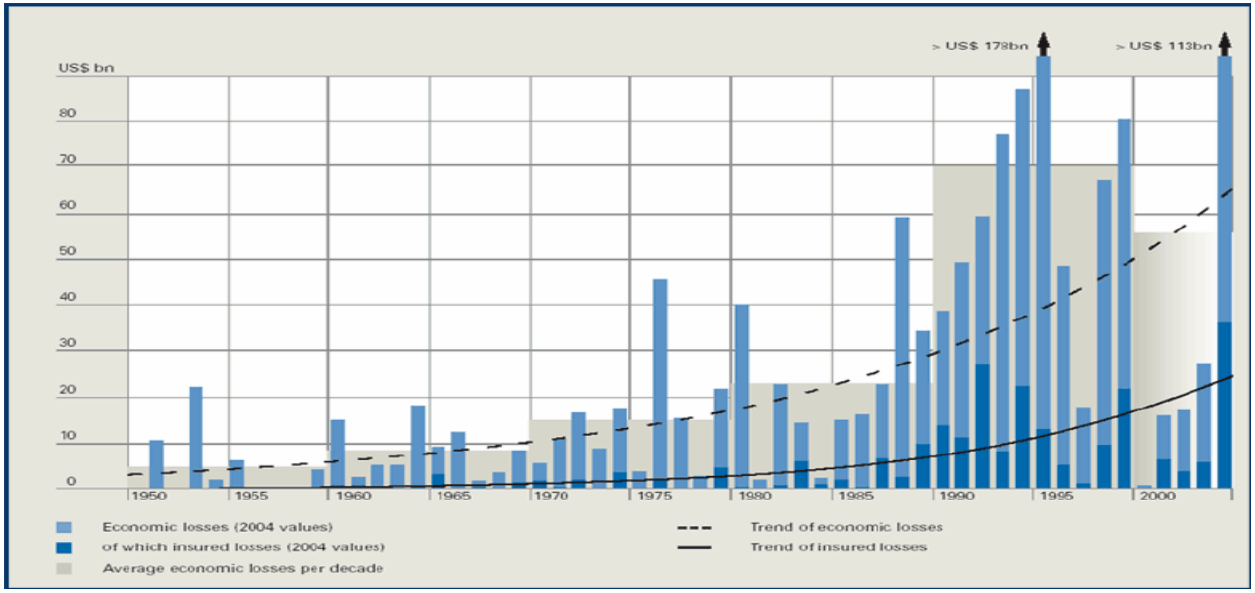
Velocity:

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)

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

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.


> US$ 178bn
> US$ 113bn
US$ bn
80
70
60
50
40
30
20
10
0
1950
1955
1960
1965
1970
1975
1980
1985
1990
1995
2000
Economic losses (2004 values)
of which insured losses (2004 values)
Average economic losses per decade
Trend of economic losses
Trend of insured losses