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

Date	30 October 2023
Team ID	NM2023TMID07935
Project Name	Analyzing the Performance & Efficiency of The Radisson Hotels using Data Visualization Techniques using IBM COGNOS
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 register for the application by entering my email, password, and confirming my password.	2	Low	ABHAY M DAS
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	RAHUL VIJAY
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	High	VIKRAM M
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	VISHNU PV
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	VIKRAM M
Sprint-2	Dashboard	USN-6	As a user, he can able to view the day today performance in radission hotel	2	High	ABHAY M DAS

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	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	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)

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

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.

Example:

RELEASE BURNDOWN CHART TEMPLATE

PROJECT TITLE		PROJECT MANAGER	DATE	VERSION	PROJECT ID
			00/00/00	1.0	PILOT-0628

FEATURE	INITIAL ESTIMATE	WEEKS								HOURS REMAINING
		1	2	3	4	5	6	7	8	
Categories	80	15	12	7	5	10	16	14	1	0
Synchronization	80	12	8	5	7	9	6	11	12	10
Accounts	80	9	8	7	6	5	7	9	11	18
Reminders	80	13	9	7	5	4	6	8	12	16

SETTING	START	WEEKS								CHART ID
		1	2	3	4	5	6	7	8	
Planned Hours		40	40	40	40	40	40	40	40	
Actual Hours		49	37	26	23	28	35	42	36	
Remaining Effort	320	271	234	208	185	157	122	80	44	
Ideal Burndown	320	280	240	200	160	120	80	40	0	

RELEASE BURNDOWN

Legend: Planned Hours, Actual Hours, Remaining Effort, Ideal Burndown