SPRINT DELIVERY PLAN

TEAM ID	PNT2022TMID16791
PROJECT TITLE	HAZARDOUS AREA MONITORING OF INDUSTRIAL PLANT POWERED BY IoT
MAXIMUM MARKS	8 MARKS

PROUCT BACKLOG, SPRINT SCHEDULE AND ESTIMATION (4 MARKS):

SPRINT	**FUNCTIONAL REQUIREMENTS**	**USER NUMBER STORY**	**USER STORY/TASK**	**PRIORITY**	**STORY POINTS**
SPRINT 1	Installation of Beacons	USN 1	First the Admin will be installing smart beacons at necessary places.	HIGH	15
SPRINT 1	Providing Wearables	USN 1	The Admin will be providing everyone at the Industry a wearable device	MEDIUM	5
SPRINT 2	Cloud Setup	USN 2	The smart Beacons will connect with the cloud services. Where we can get the real-time data from the wearable	HIGH	20
SPRINT 3	Online Monitoring via Web	USN 3	Websites will be created and connected with the cloud services.	HIGH	20
SPRINT 4	Monitoring via Mobile	USN 4	Mobile Application will be created and fast SMS will be used to alert abnormality to the user.	HIGH	20

PROJECT TRACKER, VELOCITY AND BURNDOWN CHART (4 MARKS):

SPRINT	TOTAL STORY POINTS	SPRINT START DATE	DURATION	SPRINT END DATE	STORY POINTS COMPLETED (AS ON PLANNED END DATE)
SPRINT 1	20	24/OCT/22	6 DAYS	29/OCT/22	
SPRINT 2	20	31/OCT/22	6 DAYS	05/NOV/22	
SPRINT 3	20	07/NOV/22	6 DAYS	12/NOV/22	
SPRINT 4	20	14/NOV/22	6 DAYS	19/NOV/22	

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 = (SPRINT DURATION) / (VELOCITY)

= (20/10)

= 2