PROJECT PLANNING PHASE

(PRODUCT BACKLOG, SPRINT PLANNING, STORIES, STORY POINTS)

HAZARDOUS AREA MONITORING FOR INDUSTRIAL POWER PLANT BY IOT

TEAM ID: PNT2022TMID03488

SPRINT	FUNCTIONAL REQUIREMENT(EPIC)	USER STORY NUMBER	USER STORY/TASK	STORY POINTS	PRIORITY	TEAM MEMBERS
SPRINT -1	Registration (Industrial Owner)	**USN - 1**	As a owner, registration into the application through email and password	5	High	Manojkumar M, Karthick S
SPRINT -1	Registration (Industrial Worker)	**USN - 2**	As an employee,registration into the application through email and password	2	High	Karthikeyan M, Manobharath M
SPRINT -1	Data Modules (Industrial Owner)	**USN - 3**	As a owner, environmental temperature and humidity are received	5	High	Manojkumar M, Karthick S

SPRINT -1	Data Modules (Industrial Worker)	**USN - 4**	As an employee, environmental temperature and humidity are received	2	High	Karthikeyan M, Manobharath M
SPRINT -1	Login (Industrial Owner)	**USN - 5**	As a owner,login into the account by email and password	3	Medium	Manojkumar M, Karthick S
SPRINT -1	Login (Industrial Worker)	**USN - 6**	As an employee, login into the account by email and password	1	Medium	Karthikeyan M, Manobharath M
SPRINT -2	IOT Dashboard Interfacing	**USN - 7**	As an employee, interfacing data and internet can be done	8	High	Manojkumar M, Karthick S
SPRINT -3	Web UI	**USN - 8**	As an employee, accessing data through website	3	High	Karthikeyan M, Manobharath M

SPRINT -4	Mobile UI	**USN - 9**	As an employee, datacan be viewed through mobile application	2	Medium	Manojkumar M, Karthick S

PROJECT TRACKER,VELOCITY & BURN DOWN CHART(4)

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	20	05 NOV 2022
SPRINT -3	20	6 Days	07 NOV 2022	12 NOV 2022	20	12 NOV 2022

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

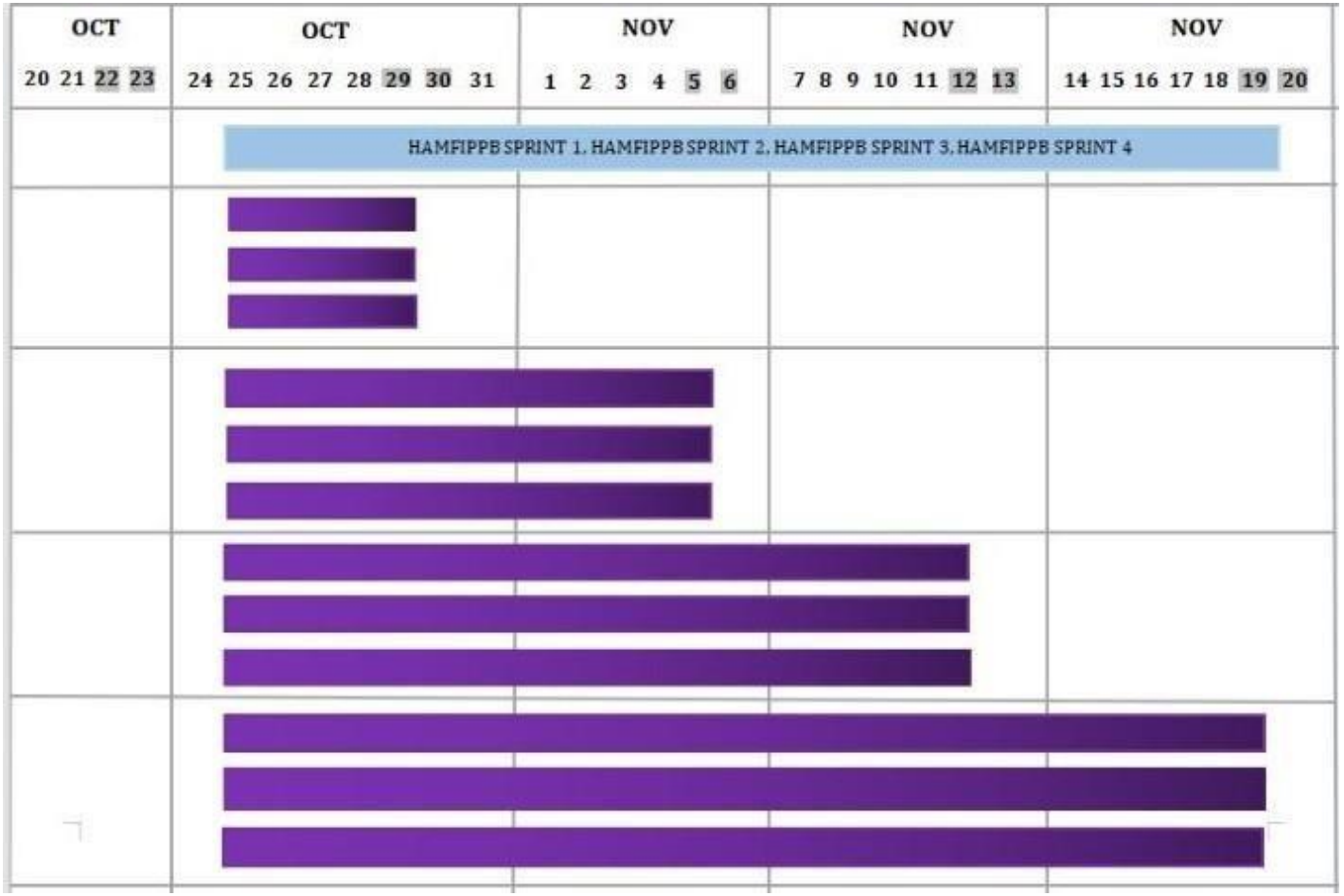
SPRINT - 4	20	4 Days	14 NOV 2022	19 NOV 2022	20	19 NOV 2022

VELOCITY:

Let us consider 10 days as sprint duration and the velocity of the team is 20(points per sprint). Let us consider the team's average velocity(Avg V) per iteration unit(Story points per day)

BURNDOWN CHART:

A burndown chart shows the amount of work that has been completed in an epic or sprint, and the total work remaining. Burndown charts are used to predict your team's likelihood of completing their work in the time available. They are also great for keeping the team aware of any scope creep that occurs.


OCT
20 21 22 23
OCT
24 25 26 27 28 29 30 31
NOV
1 2 3 4 5 6
NOV
7 8 9 10 11 12 13
NOV
14 15 16 17 18 19 20
HAMFIPPB SPRINT 1. HAMFIPPB SPRINT 2. HAMFIPPB SPRINT 3. HAMFIPPB SPRINT 4