

IBM NALAIYA THIRAN

CONTAINMENT ZONE ALERTING APPLICATION

PROJECT PLANNING

TEAM ID: PNT2022TMID35229

DOMAIN: CLOUD APPLICATION DEVELOPMENT

BATCH: B11-5A1E

TEAM MEMBERS:

1. SHAFEEQ UR RAHMAN P A
2. BARATHRAJ T
3. NAVVYA L
4. PRANAV CHANDAR K R
5. PRASHANTH S

PRODUCT BACKLOG, SPRINT SCHEDULE AND ESTIMATION:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
SPRINT-1	Registration	USN-1	USER: I can register for the application by entering the email and password	3	High	Shafeeq Ur Rahman P A Barathraj T Navvya L Pranav Chandar K R Prashanth S
		USN-2	USER: I will receive a confirmation email once I registered for the application	2	High	Shafeeq Ur Rahman P A Barathraj T Navvya L Pranav Chandar K R Prashanth S
	Login	USN-3	USER: I can log into the application by entering myemail & password.	3	High	Shafeeq Ur Rahman P A Barathraj T Navvya L Pranav Chandar K R Prashanth S

SPRINT - 2	Dashboard	USN-4	USER: I need to give permission to access my location.	5	High	Shafeeq Ur Rahman P A Barathraj T Navvya L Pranav Chandar K R Prashanth S
		USN-5	USER: I can view the map with the containment zones	5	High	Shafeeq Ur Rahman P A Barathraj T Navvya L Pranav Chandar K R Prashanth S
	Service	USN-6	ADMIN: I need to update the containment zones.	5	High	Shafeeq Ur Rahman P A Barathraj T Navvya L Pranav Chandar K R Prashanth S
SPRINT-3	Service	USN-7	ADMIN: I need to differentiate the containment zonesbased on the intensity of infection.	3	Medium	Shafeeq Ur Rahman P A Barathraj T Navvya L Pranav Chandar K R Prashanth S

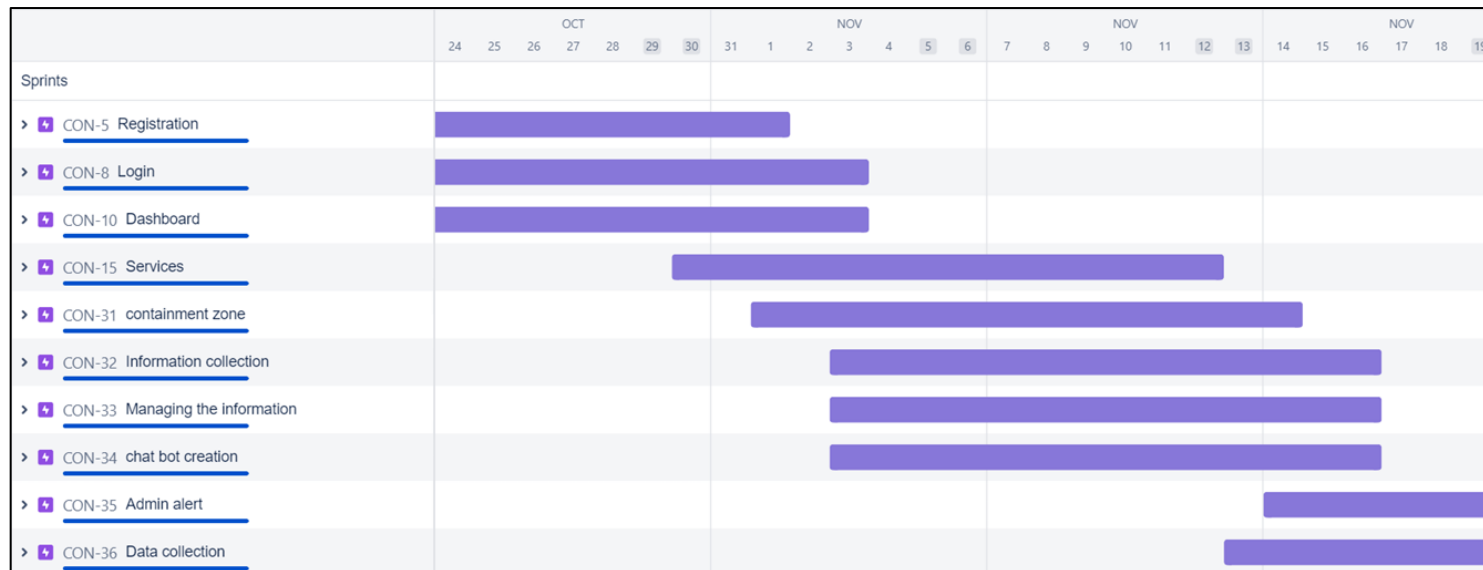
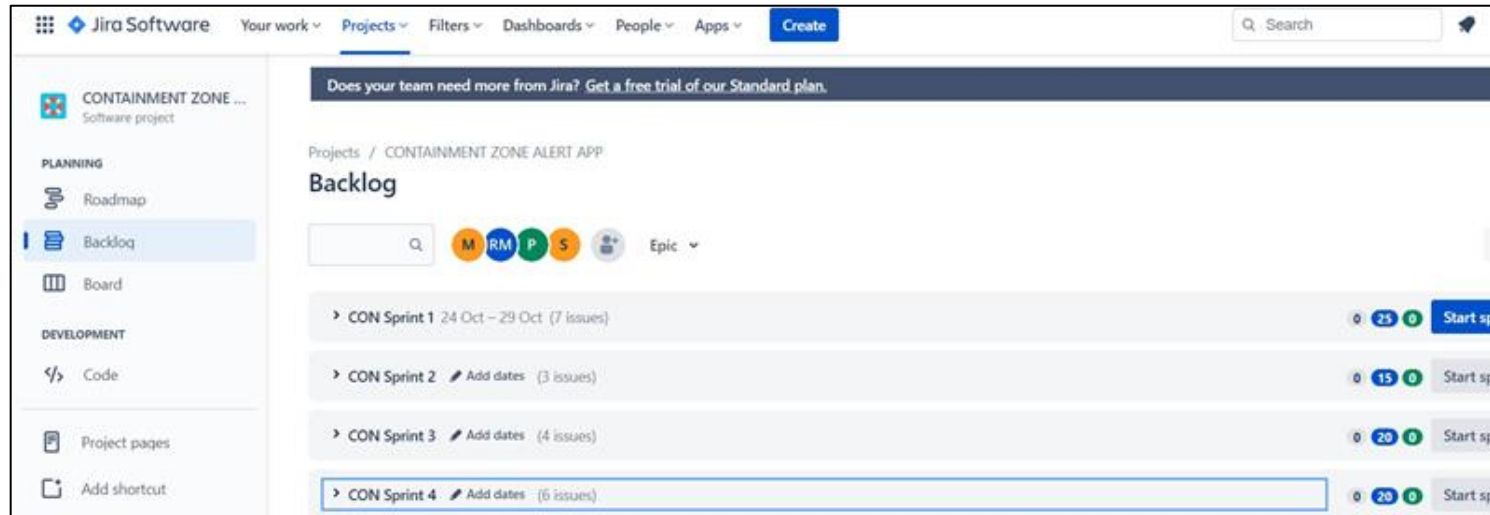
SPRINT-3	Service	USN-8	ADMIN: I need to provide precautionary measures when they travel.	3	Medium	Shafeeq Ur Rahman P A Barathraj T Navvya L Pranav Chandar K R Prashanth S
		USN-9	ADMIN: I need to provide information about the nearby hospitals	3	Low	Shafeeq Ur Rahman P A Barathraj T Navvya L Pranav Chandar K R Prashanth S
SPRINT-4	Service	USN-10	ADMIN: I need to alert the user when they enter the containment zone through email or SMS	5	High	Shafeeq Ur Rahman P A Barathraj T Navvya L Pranav Chandar K R Prashanth S
		USN-11	ADMIN: I need to provide medical recommendations by collaborating with hospitals.	3	Low	Shafeeq Ur Rahman P A Barathraj T Navvya L Pranav Chandar K R Prashanth S

SPRINT-4	Data collection	USN-12	ADMIN: I need to store user details on the cloud	5	High	Shafeeq Ur Rahman P A Barathraj T Navvya L Pranav Chandar K R Prashanth S
		USN-13	ADMIN: I need to collect details about covid-19 cases from verified sources	5	High	Shafeeq Ur Rahman P A Barathraj T Navvya L Pranav Chandar K R Prashanth S

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	25 Oct 2022	30 Oct 2022	20	30 Oct 2022
Sprint-2	20	6 Days	30 Oct 2022	06 Nov 2022	20	06 Nov 2022
Sprint-3	20	6 Days	06 Nov 2022	11 Nov 2022	20	11 Nov 2022
Sprint-4	20	6 Days	13 Nov 2022	17 Nov 2022	20	17 Nov 2022

VELOCITY:

$$AV = \frac{\text{Sprint duration}}{\text{Velocity}} = \frac{20}{10} = 2$$



BURNDOWN CHART:

