

CONTAINMENT ZONE ALERTING APPLICATION

PROJECT PLANNING

SPRINT DELIVERY PLAN

Team ID : PNT2022TMID35197

Team Members

Team Leader : KARTHICKEYAN E

Team member : CHANDNI G

Team member : RISHI VISVAS T S G

Team member : VAANMATHI S

Problem Statement:

Create an application to indicate Containment Zone Alert.

Problem Statement Description:

This application is intended to provide information about containment zones in a particular region by alerting people, through continuous monitoring of an individual's location. Key benefits of the application are monitoring people's activity and alerting them of their safety movements.

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 my email and password	3	High	Karthickeyan E Chandni G Rishi Visvas T S G Vaanmathi S
		USN-2	USER: I will receive a confirmation email once I have registered for the application	2	High	Karthickeyan E Chandni G Rishi Visvas T S G Vaanmathi S
	Login	USN-3	USER: I can log into the application by entering my email & password	3	High	Karthickeyan E Chandni G Rishi Visvas T S G Vaanmathi S
SPRINT-2	Dashboard	USN-4	USER: I need to give permission to access my location	5	High	Karthickeyan E Chandni G Rishi Visvas T S G Vaanmathi S
		USN-5	USER: I can view the map with the containment zones	5	High	Karthickeyan E Chandni G Rishi Visvas T S G Vaanmathi S

	Service	USN-6	ADMIN: I need to update the containment zones.	5	High	Karthickeyan E Chandni G Rishi Visvas T S G Vaanmathi S
SPRINT-3	Service	USN-7	ADMIN: I need to differentiate the containment zones based on the intensity of infection.	3	Medium	Karthickeyan E Chandni G Rishi Visvas T S G Vaanmathi S
		USN-8	ADMIN: I need to provide precautionary measures when they travel.	3	Medium	Karthickeyan E Chandni G Rishi Visvas T S G Vaanmathi S
		USN-9	ADMIN: I need to provide information about the nearby hospitals	3	Low	Karthickeyan E Chandni G Rishi Visvas T S G Vaanmathi 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	Karthickeyan E Chandni G Rishi Visvas T S G Vaanmathi S
		USN-11	ADMIN: I need to provide medical recommendations by collaborating with hospitals.	3	Low	Karthickeyan E Chandni G Rishi Visvas T S G Vaanmathi S
	Data collection	USN-12	ADMIN: I need to store user details on the cloud	5	High	Karthickeyan E Chandni G Rishi Visvas T S G Vaanmathi S
		USN-13	ADMIN: I need to collect details about covid-19 cases from verified sources	5	High	Karthickeyan E Chandni G Rishi Visvas T S G Vaanmathi 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:

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

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CONTAINMENT ZONE ...
Software project

PLANNING
 Roadmap
Backlog
 Board

DEVELOPMENT
 Code

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 Add shortcut
 Project settings

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Projects / CONTAINMENT ZONE ALERT APP

Backlog

M RM P S
Epic ▾
Insights

- CON Sprint 1 24 Oct – 29 Oct (7 issues) 0 25 0 Start sprint
- CON Sprint 2 Add dates (3 issues) 0 15 0 Start sprint
- CON Sprint 3 Add dates (4 issues) 0 20 0 Start sprint
- CON Sprint 4 Add dates (6 issues) 0 20 0 Start sprint
- Backlog (0 issues) 0 0 0 Create sprint

	OCT	NOV	NOV	NOV
	24 25 26 27 28 29 30	31 1 2 3 4 5 6	7 8 9 10 11 12 13	14 15 16 17 18 19
Sprints				
> CON-5 Registration				
> CON-8 Login				
> CON-10 Dashboard				
> CON-15 Services				
> CON-31 containment zone				
> CON-32 Information collection				
> CON-33 Managing the information				
> CON-34 chat bot creation				
> CON-35 Admin alert				
> CON-36 Data collection				

Burndown Chart:

