Smart Waste Management System for Metropolitan Cities

TEAM ID : PNT2022TMID18433

ACTIVITY LIST

ACTIVITY ID	ACTIVITY TITLE	ESTIMATED DURATION	ACTIVITY DESCRIPTION	ACTIVITY OWNER
A	Brainstorming Phase	5/9/22 - 10/9/22	The brainstorming of the project along with the objectives, goal and scope are discussed.	MOHAMED HASHIR GODBIN JAMES SIVA GANESH VIJAY VIGNESH
B	Requirement analysis	10/9/22 - 25/9/22	User's specific requirements, such as the features, functions, specification and review of the product are done for the smart waste management.	MOHAMED HASHIR GODBIN JAMES SIVA GANESH VIJAY VIGNESH
B.1	Sprint Planning	25/9/22 - 10/10/22	The milestones that can be delivered in the web application.	MOHAMED HASHIR GODBIN JAMES SIVA GANESH VIJAY VIGNESH
C	UI Design	10/10/22 - 20/10/22	The UI is designed using Figma for the layout.	MOHAMED HASHIR SIVA GANESH VIJAY VIGNESH
D	Code	20/10/22 - 4/11/22	Coding phase of the project starts for each sprint.	MOHAMED HASHIR GODBIN JAMES SIVA GANESH VIJAY VIGNESH
E	Testing	4/11/22 - 9/11/22	The milestones are tested.	MOHAMED HASHIR GODBIN JAMES SIVA GANESH VIJAY VIGNESH

F	Implementation	9/11/22 - 15/11/22	The code is executed and the working functionalities are checked.	MOHAMED HASHIR GODBIN JAMES SIVA GANESH VIJAY VIGNESH
G	Documentation	15/11/22 - 18/11/22	All the work is documented and for future reference.	MOHAMED HASHIR GODBIN JAMES SIVA GANESH VIJAY VIGNESH

MILESTONE ID	MILESTONE TITLE	ESTIMATED DURATION	MILESTONE DESCRIPTION
B-2	Setting up the environment	15/9/22 - 25/9/22	Setting up the environment of the application to be built.

MILESTONE ID	MILESTONE TITLE	ESTIMATED DURATION	MILESTONE DESCRIPTION
C-3	Design Sign Off Phase	10/10/22 - 20/10/22	Designing of the UI.

MILESTONE ID	MILESTONE TITLE	ESTIMATED DURATION	MILESTONE DESCRIPTION

D-4.1	Registration/ Login	20/10/22 - 22/10/22	The user's signup/sign-in module will be coded.

MILESTONE LIST

ACTIVITY ID: A			ACTIVITY TITLE: Brainstorming Phase
MILESTONE ID	MILESTONE TITLE	ESTIMATED DURATION	MILESTONE DESCRIPTION
A-1	Project Kickoff	7/9/22 - 15/9/22	The project will be kickstarted after brainstorming.
ACTIVITY ID: B			**ACTIVITY TITLE: Requirement analysis**

ACTIVITY ID: C	ACTIVITY TITLE: UI Design

ACTIVITY ID: D	ACTIVITY TITLE: Sprint Planning

MILESTONE ID	MILESTONE TITLE	ESTIMATED DURATION	MILESTONE DESCRIPTION
F-6.1	Deployment with IBM cloud	9/11/22 - 13/11/22	Deployment of the application with IBM cloud
F-6.2	Project Demo	13/11/22 - 15/11/22	Project will be demoed to check with the working functionalities.

MILESTONE ID	MILESTONE TITLE	ESTIMATED DURATION	MILESTONE DESCRIPTION

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G-7	Project Completion	15/11/22 - 18/11/22	Project will be documented for future reference.
D-4.2	Dashboard	24/10/22 - 26/10/22	User can see the status of the garbage levels in garbage bins through website
D-4.3	Notific -ations	26/10/22 - 1/11/22	User will get request from the garbage bins once they are full.
D-4.4	Dashbo -ard Update	01/11/22 - 4/11/22	User will unload the garbage bins and update the status to empty.

ACTIVITY ID: F	**ACTIVITY TITLE: Implementation**

ACTIVITY ID: G	**ACTIVITY TITLE: Documentation**
ACTIVITY ID: E	**ACTIVITY TITLE: Testing**

MILESTONE ID	MILESTONE TITLE	ESTIMATED DURATION	MILESTONE DESCRIPTION

E-5.1	Data updation in cloud	4/11/22 - 9/11/22	Data gathered in garbage bins are updated to cloud.
E-5.2	Data processing	4/11/22 - 9/11/22	Gathered data is processed and the result is obtained.
E-5.3	Result in application.	4/11/22 - 9/11/22	The result is published to the web application and notified to the user when garbage is full.