## **Project Planning Phase**

## Milestone and Activity list

Date	22 October 2022
Team ID	PNT2022TMID17328
Project Name	News tracker Application
Marks	4 Marks

## Milestone and activity list:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Installation	USN-1	As a user, I installed the app for day-to-day update and feeds.	6	High	Sandhiyashree V Prabhasri R
Sprint-1	Register	USN-2	As a user, I can register for the application by entering my email, password, confirming my password and phone number	6	High	Sandhiyashree V Pavithra V
Sprint-1	Confirmation	USN-3	As a user, I will receive confirmation email once I have registered for the application	4	Medium	Pavithra V Priyadharshini V
Sprint-1	Registered	USN-4	As a user, I can register for the application through Gmail	4	High	Sandhiyashree V Prabhasri R Pavithra V
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	6	High	Sandhiyashree V Priyadharshini V
Sprint-2	Searching	USN-6	Day to day news, feeds, categories, tech news and other updates	4	Medium	Pavithra V Prabhasri R

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Creating SSL certificate and integrating with python code	USN-7	Creating the SSL certificate to connect db2 via python code.	6	High	SandhiyaShree V Prabhasri R
Sprint-2	Creating dashboard	USN-8	User can interact with the developer	4	Medium	Priyadharshini V
Sprint-3	More categories available	USN-9	User can easily search their needs	6	High	Pavithra V Priyadharshini V
Sprint-3	Integrating the Watson Chabot	USN-10	Users can use the chatbot for basic clarification using the chatbot.	4	Medium	Prabhasri R Pavithra V
Sprint-4	Docker installation	USN-11	Installing Docker CLI	4	Low	Priyadharshini V
Sprint-4	Creating docker image	USN-14	Setting up the docker environmentand creating the docker image file	6	High	Prabhasri R Pavithra V
Sprint-4	Kubernetes	USN-15	creating pods in Kubernetes anduploading it in IBM cloud	6	Medium	Pavithra V Priyadharshini V Sandhiyashree V
Sprint-4	End-to-End Testing	USN-16	Implementing End-to-End testing	6	High	Prabhasri R Sandhiyashree V

M. 6. 11.	2.1	25	26	27	20	20	20	21								8-		10		10	- 12		1.5	1.0	12	10	- 10
MileStone List	24- Oct	25- Oct	26- Oct	27- Oct	28- Oct	29- Oct	30- Oct	31- Oct	Nov	2- Nov	Nov	4- Nov	5- Nov	Nov	7- Nov	Nov	Nov	10- Nov	11- Nov	12- Nov	13- Nov	14- Nov	15- Nov	16- Nov	17- Nov	18- Nov	19- Nov
Sprint 1 - Registration and Sign in																											
Design Sign Up & Sign in Page	l Day																										
Email Auth		21	Days																								
DB2 Database Design			l Day																								
Email and Password Sign in				l Day																							
Email Confirmation on user account creation					l Day																						
Sprint 2 - API Fetching and Backend Endpoints																											
Fetch data from Rapid API						2 Da	ys																				+
Flask-REST API coding								2 Da	ys																		1
Create timed function for fetch from API using threading										l Day																	$\vdash$
Test backend											2 Day																
Sprint 3 - UI and UX design and Connecting frontend and backend																											
Design main Welcome Page														3 Days													
News Card Design																2 Day	S										
Explore Designs and Saved Design																		l Day									
Bookmarks design																			I Day								
Connecting Frontend and backend																				l Day							
UI responsiveness																				2 Day	rs T						
Sprint 4 - Deployment, Testing and Integrations																											
Deploying the App on cloud																						3 D	ays				
Implementing Loggers																									2 Day	rs	

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Initial creation process	USN-1	Create template, Static and python flask app.	20	High	Sandhiyashree V Prabhasri R Pavithra V Priyadharshini V
Sprint-2	Cloud and database	USN-2	Connecting the python flask app with database, object storage created in Cloud and implementation of chatbot	20	High	Sandhiyashree V Prabhasri R Pavithra V Priyadharshini V
Sprint-3	Deployment in DevOps, Mailing	USN-3	Develop the project, create it as image with docker, containerize in container registry and deploy in Kubernetes, Add the mailing service	20	High	Sandhiyashree V Prabhasri R Pavithra V Priyadharshini V
Sprint-4	Testing, Deployment and user experience	USN-4	To do all the testing and to make sure the use of the software handy to user.	20	High	Sandhiyashree V Prabhasri R Pavithra V Priyadharshini V