Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID22379
Project Name	Project - News Tracker Application
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Organizing the different news articles present all over the internet and presenting it to the user based on their interests and past activities.
2.	Idea / Solution description	Instead of the user having to search across the internet for news; news articles from various news sites and news platforms across the internet must be collected and displayed in an organized manner, by segregating them into various categories, at a single destination.
3.	Novelty / Uniqueness	1 Based on the user's past activity and interest, news articles will be recommended. 2 News are categorized into various sections for the convenience of the user. 3 News is updated in real time. 4 User will have the option to select what varieties of news he would like to see.
4.	Social Impact / Customer Satisfaction	1 As news is recommended according to the user's interests and past activity, users will find the recommendations interesting and useful. 2 Users time is greatly saved because they will never have to search through the internet to find the required news. Every news will be available at a single destination. 3 Users will have the option to customize the appearance, look and feel of the app according to their liking. 4 They can even change the way the news will be displayed in the home page according to their convenience. These factors will surely make the customers more satisfied.
5.	Business Model (Revenue Model)	The major revenue stream is the adds that are published throughout the app. The secondary revenue stream can be from the news channels and news sites whose news will be published in this application. Based on the

		number of users who view a particular news, the news channel that published that news article will have to pay a small amount as commission.
6.	Scalability of the Solution	This application is entirely built on an architecture that is easily scalable. So when the traffic increases due to the increase in number of users who use the application; this application can be scaled to accommodate any amount of traffic thereby making the user experience seamless irrespective of the increase in demand. As this application is hosted entirely on cloud, when there is an increase in demand, the configurations and processing power can be varied inorder to provide users with a seamless experience.