

## Project Design Phase-II

### Solution Requirements (Functional & Non-functional)

Date	14 October 2022
Team ID	PNT2022TMID33312
Project Name	Project – NEWS TRACKER APPLICATION
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### Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	<b>User Registration</b>	<ul style="list-style-type: none"> <li>➤ Registration through Form</li> <li>➤ Registration through Gmail</li> </ul>
FR-2	<b>User Confirmation</b>	<ul style="list-style-type: none"> <li>➤ Confirmation via Email</li> <li>➤ Confirmation via OTP</li> </ul>
FR-3	<b>Searching</b>	<ul style="list-style-type: none"> <li>➤ User can search the new based on their interest</li> <li>➤ Trending news will pop up on home page</li> <li>➤ By using favorites option user can extract specific domain</li> <li>➤ By using save option user can read it when they need</li> </ul>
FR-4	<b>Real time News</b>	<ul style="list-style-type: none"> <li>➤ User can see the Genuine news with Constant update</li> <li>➤ Auto update news since it bring news from API</li> <li>➤ By measuring the number of comments we can analyze the genuine feedback</li> </ul>
FR-5	<b>Location based</b>	<ul style="list-style-type: none"> <li>➤ User can see the news close to their area</li> <li>➤ User can track the news by choosing preferred location</li> </ul>
FR-6	<b>User friendly</b>	<ul style="list-style-type: none"> <li>➤ By using chat bots user can easily address their queries</li> <li>➤ Cost free application for user</li> <li>➤ User can publish their own articles</li> <li>➤ User can add images to their articles</li> </ul>

## Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	<ul style="list-style-type: none"><li>➤ The news is refreshed consistently, in this unending news stream, the client ought to constantly be capable view precisely data that interest him/her right now.</li></ul>
NFR-2	<b>Security</b>	<ul style="list-style-type: none"><li>➤ Authentication and password management by saved password</li><li>➤ During the remark, numerous clients can be discourteous or horrible, so obviously, it worth reasoning of calculations that will permit you to hinder hostile remarks, as well as spam.</li></ul>
NFR-3	<b>Reliability</b>	<ul style="list-style-type: none"><li>➤ Instant news at instant time</li><li>➤ This application do not encourage the fake news</li></ul>
NFR-4	<b>Performance</b>	<ul style="list-style-type: none"><li>➤ Keep users In-App for longer with related post</li><li>➤ There is no too many ads and pop-ups because of user friendly API</li><li>➤ Keep your user's attention with list views</li></ul>
NFR-5	<b>Availability</b>	<ul style="list-style-type: none"><li>➤ User can search the news and get use of it whenever they need because of 24/7 availability</li><li>➤ History of the previous news that happened before related to the present news</li></ul>
NFR-6	<b>Scalability</b>	<ul style="list-style-type: none"><li>➤ Get more user's by encouraging social sharing</li><li>➤ By suggesting this application to others will get more user</li></ul>