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**Project Design Phase-II**
**Solution Requirements (Functional & Non-functional)**

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| Date | 03 October 2022 |
|---|---|
| Team ID | PNT2022TMID45363 |
| Project Name | Project – News Tracker Application |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task) |
|---|---|---|
| FR-1 | User Registration | Registration through Form<br>Registration through Gmail<br>Registration through phone Number |
| FR-2 | User Confirmation | Confirmation via Email<br>Confirmation via OTP |
| FR-3 | User interests | People can read news based on their interests<br>News feed can show news based on their frequently searched news. |
| FR-4 | User access | It is user friendly<br>Any user can access easily with their mobile phones.<br>They can also download the news and access it on offline. |
| FR-5 | User authentication | It has a good security authentication.<br>Where user's data cannot be stolen.<br>User's data can be safe and secured. |
| FR-6 | Location access | User can access it from anywhere at any time.<br>News can be updated with the original location sources<br>So, it can be easy to identify and witness if it real or not. |

**Non-functional Requirements:**

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

| FR No. | Non-Functional Requirement | Description |
|---|---|---|
| NFR-1 | **Usability** | Any user can use this application easily because of its simple interface which can be easily understandable<br>Any type of people such as kids, specially abled, aged people can access it easily. |
| NFR-2 | **Security** | It has a high security.<br>It comes with strong passwords and authentication which is highly secured. |
| NFR-3 | **Reliability** | News can be real and fake news can be automatically deleted if it has proven to be fake.<br>News can be got from reliable sources. |
| NFR-4 | **Performance** | News can be updated every second.<br>User can share their comments publicly.<br>User can be attracted to the better UI design and gets engaged with the page. |
| NFR-5 | **Availability** | User can access at anytime<br>All categories of news can be available.<br>User can search their category and read. |
| NFR-6 | **Scalability** | High capacity to handle growth.<br>It can handle more users at a time.<br>It can also satisfy the user's needs. |