Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 20 October 2022 |
| Team ID | PNT2022TMID039371 |
| Project Name | Containment Zone Alerting Application |
| Maximum Marks | 4 Marks |

# Functional Requirements:

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | **User Registration** | Registration through Gmail. Registration through mobile number. |
| FR-2 | **User Confirmation** | Confirmation via Email and OTP. |
| FR-3 | **Authentication** | It verifies the confirmation of the password. |
| FR-4 | **Business rule** | For subscriber's we give first 3 day's free trail. For unsubscribes the user needs to watch some advertisement for knowing the zone alert for first 3 days. |

# Non-functional Requirements:

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

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Providing recommendation link by using customer preference. |
| NFR-2 | **Security** | The software team will issue some strong security code for the users. |
| NFR-3 | **Reliability** | The database update process must rollback all related updates when any update fails. |
| NFR-4 | **Performance** | The loading speed of the server is quick and fast. |
| NFR-5 | **Availability** | Stands for the system's reliability and accessibility to the user. |
| NFR-6 | **Scalability** | The website is enough to support almost 1,00,000 users at a time. |