

Solution Requirements (Functional & Non-functional)

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID22160 |
| Project Name | Airlines Data Analytics for Aviation Industry |
| 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 | customer Registration | Customer can make Registration through Gmail |
| FR-2 | User Confirmation | After the Registration the customer will get confirmation through mail. |
| FR-3 | Visualizing data | User can visualize the Regular trends of delay of flights Using IBM Cognos Analytics |
| FR-4 | Generating Report | User can view the flight delay report |

Non-functional Requirements:

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

| FR No. | Non-Functional Requirement | Description |
|--------|----------------------------|--|
| NFR-1 | Usability | The application will have a simple and user-friendly graphical user interface. Users will be able to easily understand and use all of the application's features. Any action has to be performed with a few clicks. |
| NFR-2 | Security | The main security concern is for users account hence proper login mechanism should be used to avoid hacking. The organization system should not disclose personal information of users and other organization details to public. |
| NFR-3 | Reliability | When the system is disconnected or frozen due to over access at the same time, it should save all the process of the users made up to the point of abnormal happenings. |
| NFR-4 | Performance | The system should require a fair amount of speed especially while browsing through the catalogue. |
| NFR-5 | Availability | The system shall be available 24 hours a day 7 days a week. User can access at anytime. |
| NFR-6 | Scalability | Large Number of users can access the website |