

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

Date	22 May 2023
Team ID	PBL-NT-GP-10533-1682762877
Project Name	Competitive analysis of leading travel aggregators

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Search and Booking functionality	Provide users with advanced filters to refine their search results based on specific criteria such as flight duration, layovers, hotel ratings etc,.
FR-2	Multiple travel service integration	Ensure that the aggregators inventory, availability and pricing information are updated in real time.
FR-3	Price comparison and best deals	Offer synchronization across multiple platforms and devices allowing users to access their itineraries and booking.
FR-4	User reviews and ratings	Optimize the booking process by reducing the number of steps required to complete a reservation
FR-5	Security payment processing	Send users timely travel alerts and notifications about flight delays, gate changes and cancellation.
FR-6	Integration with external services	Integrate with popular trip planning tools or travel management platforms to enable users.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The usability of leading travel aggregators is crucial for providing a positive user experience and ensuring the users.
NFR-2	<b>Security</b>	Utmost importance to protect user data, financial information and ensure a safe browsing and booking experience.
NFR-3	<b>Reliability</b>	The reliability and performance of any specific travel aggregator can vary over time. Some reliable platforms are Skyscanner and kayak
NFR-4	<b>Performance</b>	The performance of aggregators depends on accuracy and real time updating of prices.

NFR-5	<b>Availability</b>	The availability of specific aggregators & the services they offer may have expanded. This enables user to access their services and search for travel options.
NFR-6	<b>Scalability</b>	The scalability of travel aggregators are user traffic , database management , diversification of services