***Functional Requirements: -***

1. **The System should make User Accounts.**
2. **The system shall require a user to register with username and password.**
3. **The System should Check Availability after user determines his destination.**
4. **The system will ask the user if he wants to reserve the ticket.**
5. **The system shall require a user to confirm the ticket before 3 days of the departure date or the ticket stands cancelled.**
6. **The system shall present the user with an option to re-schedule his travel party's trip.**
7. **The system shall also give the user an option to cancel a confirmed ticket or a blocked ticket.**
8. **The system shall enable the user to update his profile at any time.**
9. **The system shall allow a user to view all information about his trip.**
10. **The system shall allow any user (registered or non-registered) to access the details about the arrival and departure times.**

***Non-functional Requirements: -***

1. **The system waiting time should be less than 2 second.**
2. **The system shall be able to handle at least 1000 transactions/inquiries per second.**
3. **The system shall show no visible deterioration in response time as the number of users or flight schedule data increases.**
4. **The system shall be available 24 hours a day, 7 days a week.**
5. **The system shall always provide real time information about flight availability information.**
6. **The system shall be robust enough to have a high degree of fault tolerance.**
7. **The system shall provide an easy-to-use graphical interface**
8. **Only system administer has the right to change system parameters.**
9. **The system will do Users authentication before having access to any personal data.**

***The CONSTRAINTS: -***

1. The system runs on windows.
2. The system is available 24 hours.
3. There are Maximum 3 days to cancel the reservation.
4. The system has user account.
5. The Children can’t travel without adults.
6. The system deal with 100hotels around the world.
7. The user must be confirmed the booking.
8. The booking can be changing until 3 days before traveling.
9. It must be ensured that access will be provided to the required persons through user ID and password.
10. The system does Check performed at regular intervals to ensure data integrity.

( 11The software must be very user-friendly and display appropriate error messages