***Functional & Non-Functional Requirements***

***Functional Requirements:-***

1. **The System should make User Accounts.**
2. **The system should require a user to register with username and password.**
3. **The System should Check Availability after user determines his destination.**
4. **The system should require a user to confirm the ticket before 3 days of the travel date or the ticket stands cancelled.**
5. **The system should present to the user an option to cancel a confirmed ticket and re-schedule his travel's trip.**
6. **The system should enable the user to update his profile at any time.**
7. **The system should allow the user to view all information about his trip.**
8. **The system should 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 should be able to deal at least 100 transactions/inquiries per second.**
3. **The system should be available 24 hours a day, 7 days a week.**
4. **The system should always provide information about flights.**
5. **The system should be strong enough to have a high degree of fault tolerance.**
6. **The system should provide an easy-to-use graphical interface**
7. **Only system administer has the right to change system parameters.**
8. **The system will do Users authentication before having access to any personal data.**