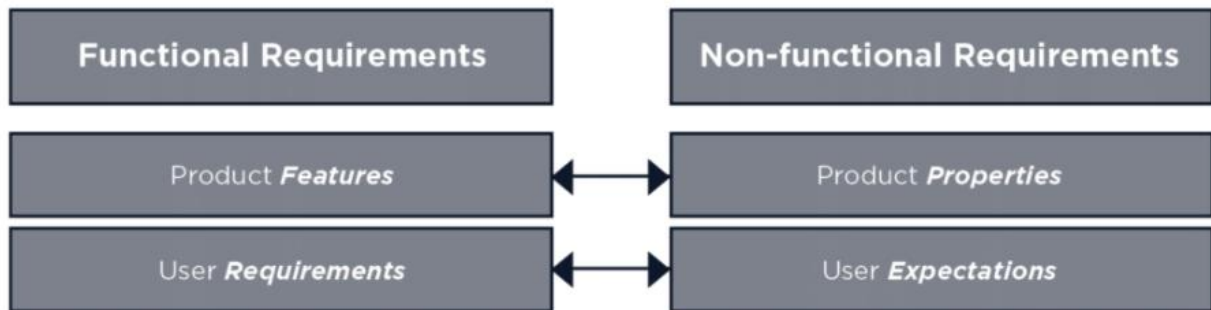


DATE:13/09/2021

FUNCTIONAL AND NON-FUNCTIONAL **REQUIREMENTS OF THE PPROJECT**



Functional Requirements

- **User Requirements**
- **Product Features**

Non-Functional Requirements

- **User Expectations**
- **Product Properties**

FUNCTIONAL REQUIREMENTS

Functional requirements define what the system does or must not do, non-functional requirements specify how the system should do it.

1.User Requirements:

- Registration
- Log in
- View Available Flights
- Ticket Booking
- View Booked Ticket and Download

2.Product Features

- **Modules**
 - ❖ User, Admin
- **Hardware Requirements:**
 - ❖ Ram: Minimum 4 GB
 - ❖ Processor: Minimum i3
 - ❖ Hard disk: 2 GB
- **Software Requirements**
 - ❖ Front end: Java
 - ❖ Back end: No SQL

- ❖ Operating System: Windows
- ❖ Database: Cassandra

NON-FUNCTIONAL REQUIREMENTS

Non-functional requirements define system behaviour, features, and general characteristics that affect the user experience. How well non-functional requirements are defined and executed determines how easy the system is to use, and is used to judge system performance. Non-functional requirements are product **properties** and focus on user **expectations**.

1.Usability:

- ❖ User Friendly interface
- ❖ Usage of Forms

2.Performance:

- ❖ Quick Response
- ❖ Quick availability of data

3.Security

- ❖ Registration id
- ❖ Seat Number Validation
- ❖ Data Integrity

4.Consistency

- ❖ Maintaing Consistent data in NOSQL database

Product Features

- ❖ Registration Page
- ❖ Login in Page
- ❖ Main page of ticket booking
 - View flight details and book ticket
- ❖ Viewing Booked Ticket and download it