**1.2 Design Goals continues...**

**Functional Req.**

-Managers can add new trips or edit current trips.

-Users can delete their account with approvel from admin.

**-**Admins can edit user credentials.

-Users can list their latest tickets.

• Multiple Users

The system should support tasks that are performed by multiple users at a time, supplying

each with the necessary information at the appropriate time.

• Usability

Since the end-user will be using the system while performing work, it is essential for the system to be intuitive and easy to use. For example the user should be able to understand the procces.

• Scalability

The system must be scalable in terms that it can support many users communicating

orretrieving information at the same time.

• Reusability of Code

To minimize implementation time and improve efficiency, each part of the system has

been designed as a component.

• Understandability

User should be able to understand the components of the system and can use them without any instructions.

• Reliability

System should be reliable which means it should take the stress of the systems and not make any failure.(A measure of success with which the observed behavior of a system confirms to the specification of its behavior)

• Location-Transparency

Server might itself be distributed, but provides a single "logical" service to the user

• High Performance

Client optimized for interactive display-intensive tasks; Server optimized for mobile CPU-intensive operations

• Flexibility

User interface of client supports a variety of end devices (From Android KitKat to latest version).

# **2.Current Software Architecture**

Current software architecture styles for our projects , similaryly most of the android apps serving for a purpose like ticket buy based, not using client server architecture style.

**3.1 Overwiev**

**Admin Interface :** Provides fuctionalities that are only usable for admins.Under the interface there are subsystems for admin.

**Guest Interface :** Provides subsytems that are only usable for guest user type.

**Manager Interface :** Provides subsytems that are only compatible with manager user type.

**Delete User Account Subsystem** : Provides services for user to delete their account.Needs confirmation from admin.

**Data Accsess Subsytem :** Provides services for getting and pushing data from Database.