## 3.2. Functional Requirements

Online Ticket System is a web based ticket platform for all members.

In Users side, Online Ticket System has several functions. For instance, users can list all events, search event types, search regions, selects events, select categories and seats by using Online Ticket System. Also Users can change password by using Online Ticket System.

In Client Side, Online Ticket System has different functions. For example, Client can add events, seats, price, region, time period and place to event. Clients can update region, event types, time period, place and event by using Online Ticket System.

In Admin side, Admin can add places, update these places. Also admin can add region into the system. Also Admin can add event types into the system. The main important thing in Online Ticket System is admin’s permission about client functions.Using Admin’s permission, Clients can add event which is only permitted category.Another Admin function is “Modifying Event” function.In this function,Admin can update the information about events.Finally, Admin can control the registration on the system. Admin checks the registration status of Clients, If everything is okey,Admin approves the account and Client can login into the system. User registration does not require the admin permission.

The main and important function of Online Ticket System is buying online ticket with their credit card. Users use Online Ticket System to buy tickets with their credit cards.

## 3.3. Nonfunctional Requirements

A non-functional requirement is a requirement that specifies criteria that can be used to judge the operation of a system, rather than specific functions.

**3.3.1 Usability**

|  |
| --- |
| **Function Description** |
| The user is able to buy an event ticket with just few clicks. |
| Online payment session uses the high secure 3D payment function. |
| System warns users about the credit-card payment by e-mail. |
| User cannot sign up the system without e-mail, password and phone number informations. |

**3.3.2 Reliability**

|  |
| --- |
| **Function Description** |
| The user password length must be between 8 digits with integer and string together. |
| A system crash should not seen with any reservation lost. |
| It cannot possible to register two times with the same email/username. |

**3.3.3 Performance**

|  |
| --- |
| **Function Description** |
| System must send ticket update to clients . |

**3.3.4 Supportability**

|  |
| --- |
| **Function Description** |
| User can show the complete reservations on the “My Reservations” page. |
| Clients can log on the system with admin’s registration permission |
| If there is no available seat in selected event, The system should inform the users |
| If the User or Client forget his/her password, system should send an email to user including a temporary password to refresh the password. |
| The system sends an e-mail after the approved client registration . |

**3.3.5 Implementation**

* The Database is implemented in MySqlWorkBench 6.3 CE.
* The Programming is done with Net Beans.

**3.3.6 Interface**

Online Ticket System use interfaces to provide accesses to our system. In Online Ticket System,using interfaces are;

\* Register Page

\*Login Page

\*Change Password Page

\* User Home Page

\*Search Event Page

\*MyReservations Page

\* Payment Page

\*Client Home Page

\*Client Registration Form

\*Admin Page

\*Check Registration Page

**3.3.7 Packaging**

The system must be available on both of desktop and mobile devices and it performs properly on every browser.

**3.3.8 Legal**

* For users the system is free to use.
* For Clients, the system must be licensed.