ONLINE TICKET SYSTEM

# Introduction

The following section provides an overview of the derived Requirement Analysis Document for the subject “Online Ticket System”. First of all, the aim of the analysis is presented and written as understandable for client, users and professions. Purpose, scope of the system, objectives and success criteria are specified below. This document also includes functional, non-functional requirements, system models, glossary and references.

## Purpose of the System

The main aim and objective of this system is to design and implement web based ticket system for show listings.

This application should allow users to:

1) View event listings;

2) Select events;

3) View event description;

4) Check availability;

5) Buy Tickets

Also, purpose of the system includes providing some functionalities to admin so that they can manage their events.

## Scope of the System

They system provides service to users,clients and admin. Thus, there are some common functionalities for both users, clients and admin, also some different functionalities for the both too.

In system for users; the users can list events, search event types like as concert, cinema and theatre. They can register to system and after they are done registering, users can list all events, and they can search event types and select an event. Before selecting events, users can determine date and region that they want.Users can buy tickets by using their credit cards.

In system for clients; the client can add events to system. Admin can update these events. In addition, clients can add time periods, seats, price, region and place to this event. Clients can add events which are only connected with their jobs in database.

In system for admin; admin can add new place, update this place. And also admin can add region into the system and admin can update this region. Also Admin can add event types into the system. Finally admin can cancel the event.

Online Ticket System provides to users ,clients and admin is; all users and clients can register to the system, and All of them(users ,clients and admin) can login the system. Also users , clients and admin can change their passwords.

## Objectives and Success Criteria of the Project

The main objective of our Online Ticket System is to provide another way for the users to buy online available tickets. It is an automatic system.

After inserting the data to database, Admin controls the event requests. And then clients need not todue with the order receive through the system. In fact, there is similar system on the Internet, but there is no refund method found in the existing system.

Online Ticket System is basically aimed to provide the user the complete information of the event , according to which the user can book the tickets and refund facility provides more flexibility to the system

The objectives of Online Ticket System are;

1. To provide a anytime anyplace service for the users
2. To minimize the number of staff at the ticket box
3. To promote the event on the internet
4. To increase the profit

Also Online Ticket System project gives secure ticket sytem, by providing safety means the user can complete the task with reliable information. And safety storage must be into the system. Because in the system users pay money with his/her credit card to buy ticket. Therefore safety is very important.

## Definitions, Acronyms, and Abbreviations

RAD: Requirements Analysis Document

PHP: Hypertext Preprocessor

SQL: My Structured Query Language

CSS: Cascading Style Sheets

## Overview

Requirements Specification and Analysis Document of Online Ticket System includes Current System section, Proposed System section, Overview of Online Survey section, Functional Requirements section, Nonfunctional Requirements section, System Models section, Object Model section, Dynamic Model section and Glossary.

In Online Ticket System section of our RAD documentation, we talked about functions and features of current Online Ticket System. We mentioned disadvantages of current system such as too long response time and unnecessary functions, and also we explained that the current system does not work easily.

**In Proposed System part**, we talked about our new Online Ticket System’s advantages and modifications. For example, we explained that our new Online Ticket System will be more basic interface and safety than current other available ticket systems.

**In Overview section**, we described overview of features, functions and details of Online Ticket System. In addition, we explained functions from takers and creators perspective

**In Functional Requirements part**, we talked about functions and features of Online Ticket System. And also, we described functions of Online Ticket System from users’, clients’, and admin’s perspective.

**In Nonfunctional Requirements section**, we mentioned nonfunctional parts of our new system such as usability, performance, reliability or availability and so on. We described all of nonfunctional requirements of Online Ticket System.

**In System Models part**, we described scenarios and use cases of Online Ticket System. We defined scenarios, actors, and use cases’ flow events and so on in this part.

**In Object Model section**, we explained class diagrams of our system and we defined relationships between classes of Online Ticket System.

**In Dynamic Model part**, we mentioned sequence diagram that is to say we explained methods and functions and their operations with actors of Online Ticket System.

**In Glossary section**, we described all things of Online Ticket System, it can call Online Ticket System dictionary. We explained all words in RAD documentation.

# Current System

Online Ticket System is a web-based online ticket system, it was developed for usage purpose of the all people to buy ticket online.

**The Users’ Mode**, the users can list events, search event types. They can register to system and after their registration request are approved, Users can show available events , and they can search event types and select an event. If the users do not register to the system, users can not select events and list of all events. Before selecting events, Users should login into system. After that Users can determine date and region that they want. Customers can buy tickets by using their credit cards. Customers can update their passwords registered on the system.

**The Client Mode**, Clients can add events to system. Client can update these events. In addition, Clients can add region to events. Also they can add seats, price, time period and place to this event.

**The Admin Mode**, Admin can add new place, region, and event type into the system. Also Admin checks the registration request and approve or cancel that requests. In addition Admin can modify the event information and cancelation of events. Also Admin can update the places which are found into database.

The main important feature is safety credit card payment in Online Ticket System. Users can make payments with 3-D secure payment technology.

# Proposed System

The Online Ticket System is developed with the aim to overcome the drawbacks of existing system. The proposed system has got many advantages. People from different parts of the world can register very easily. This system is more personalized. It is maze in such a manner that all the new users can understand all the options in it very easily. It is made in a quick and easy referential manner. This system helps the user to go through the rates quoted by different travel agencies and select the convenient rate that is suitable for him. Access to all important matters are not always locked and can be opened easily at the time of urgency. The advantages of proposed system are that security is maintained in the new system. Securities for all important data are maintained confidentially. As it is easily understandable and user friendly, quick entries can be made in this system system

## Overview

Online Ticket System is web-based ticket system for all people/clients. Users can use Online Ticket System to buy a ticket online. Users can buy their event tickets easily and quick through this system. In addition, Users register to system by using Online Ticket System. Client uses Online Ticket System to offered some events to users. Online Ticket System has common and different functionalities for users. Members of the system are users, clients and admin. They have some common and different functions. For example, All of the members can login on same screen. Users and clients can register to the system. Also Users, Clients and Admin can change their passwords. These are common for both of them. However, Clients can add events. And also Clients can add categories, seats, price, time period and region to any event. In Online Ticket System, Users can list events, search event types They can register to system and after they are done registering, Users can list all events and they can search event types and select an event. Before selecting events, Users can determine date and region that they want. Also Users can buy tickets by using their credit cards. Online Ticket System allows control and manage web server like as a bank. The bank responses positive or negative result to buy ticket for users. After the payment process, the system gives a message for payment. (Payment is successful, No Limit…. etc.)

Online Ticket System will be more understandable and friendly for the users. For example, users can buy a ticket by using basic interfaces. And also, response time of the system will not be long, so the users can use Online Ticket System more efficiently .For example buying a ticket time will be faster than the other ticket systems.