Future University in Egypt
Faculty of Computers and Information Technology
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CSC 495 (Design of Web-Based Applications)

Train Ticket Booking System
Monday/9-11:

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1. Introduction

The train is an advanced and fast means of transportation and is used by many in life because we wanted to develop the service and chose the flight reservation service.

We will present the problem first, then analyze it and find a serious solution to it so that time and effort are saved for customers and effort is saved for some employees.

As well as assistance in seizing and reducing overcrowding and reducing manpower in this sector.

1.1. Problem definition

1.1.1 Customers face a problem in booking a ticket, perhaps because of congestion, knowing the dates, or visiting stations to book a train ticket

1.1.2 Some people also face a problem while reserving the ticket in choosing the appropriate seat

1.1.3 The station employees also face a problem in dealing with congestion while reserving the deterioration due to the chaos due to the large numbers

1.1.4 Also, to book a contract and provide service 24 hours a day, it is tiring and expensive for the employees, so we require more than one employee to provide the service.

1.2. Scope

1.2.1 The focus will be on reducing the use of human resources

1.2.2 Saving effort on customers, saving time and saving money

1.2.3 Facilitating inquiry and providing all information to customers without the need to refer to the employee

1.3. Introduced Solution

     1.3.1   Providing a display screen that contains all the information about the train and displaying it to customers, whether at the station or on the private site

     1.3.2   Creation of a site for train stations so that the inquiry and reservation of tickets can be made through it

     1.3.3   The reservation will be made through the website, as well as displaying information before booking, selecting a seat, knowing the available seats and the ticket prices

     1.3.4   Reducing congestion inside the station for easy booking and knowing of appointments through the site

1.4. Example Scenarios

The user opens the site, then registers and creates an account first

Then he log in if he has previously registered as a new user

When login a page for the customer appears, bearing information

It will show it the reservation information, check in, departure and arrival rates

Passenger information, as well as occupied seats and available seats, will be completed until a new ticket is booked for the customer

There is also a personal page with all the customer's information and reservation information

Also, an exit button will be created, as well as to display train and reservation information and provide some interactive picture

1.5. Deliverables

We have created many websites for the same purpose, which is remote booking and reducing human resources, and for you we are able to develop your system, knowing that the level of service will also be improved.

1.6. Deadlines

delivery will take within 1 month after the agreement

1.7. Acceptance Criteria

1- Agree to the terms
2- Accept the price and sign the contract
3- Safety and error-free site and its proper functioning
4- Provide contracts for maintenance and development, if possible