



Designing a website for Train Tickets' Booking (EGYPT)

*Under supervision
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Outlines

Problem

Solution

Benefits

Technical in used

Analysis of the project

How the system work

System cycle



1. problem

most of people can't book train tickets they have to go to train station to book their tickets by them selves so they face difficulties in booking tickets for trains , thousands of people cannot get tickets at the same day , they have to wait for another day to get the tickets so they cannot do the booking process.



2.Solution

As proposed solutions to all of this train booking problems :

- Designing a website for train booking.
- The purpose of *online train booking* System is a software application which provides the train timing details and reservation.
- Using these systems user can perform operations like finding out the train timings and to know information about seats availability and costs of each ticket.



3.Benefits

- 1- provide secure and easy way to book train tickets.**
- 2- reduce effort and time.**
- 3- reduce cost.**
- 4- improve system performance.**
- 5- support business objectives.**
- 6- make train tickets available anytime, anywhere.**
- 7- provide the train timing details.**
- 8- provide reservation.**

3:Technical in used

1 : database

1.1: my sql

2: php (Programming Language)

3:Web Technologies

3.1: HTML

3.2: CSS

3.3: JavaScript

4:Photoshop



A database: is an organized collection of data. The data are typically organized to model relevant aspects of reality in a way that supports processes requiring this information

My sql : is a tool to design and develop and administrate SQL database as a replacement for formal mysql GUI tools.

PHP(programming language): php is an alternative to microsoft's active server page (asp) technology. as with asp, the php script is embedded within a web page along with its html.



Web technologies



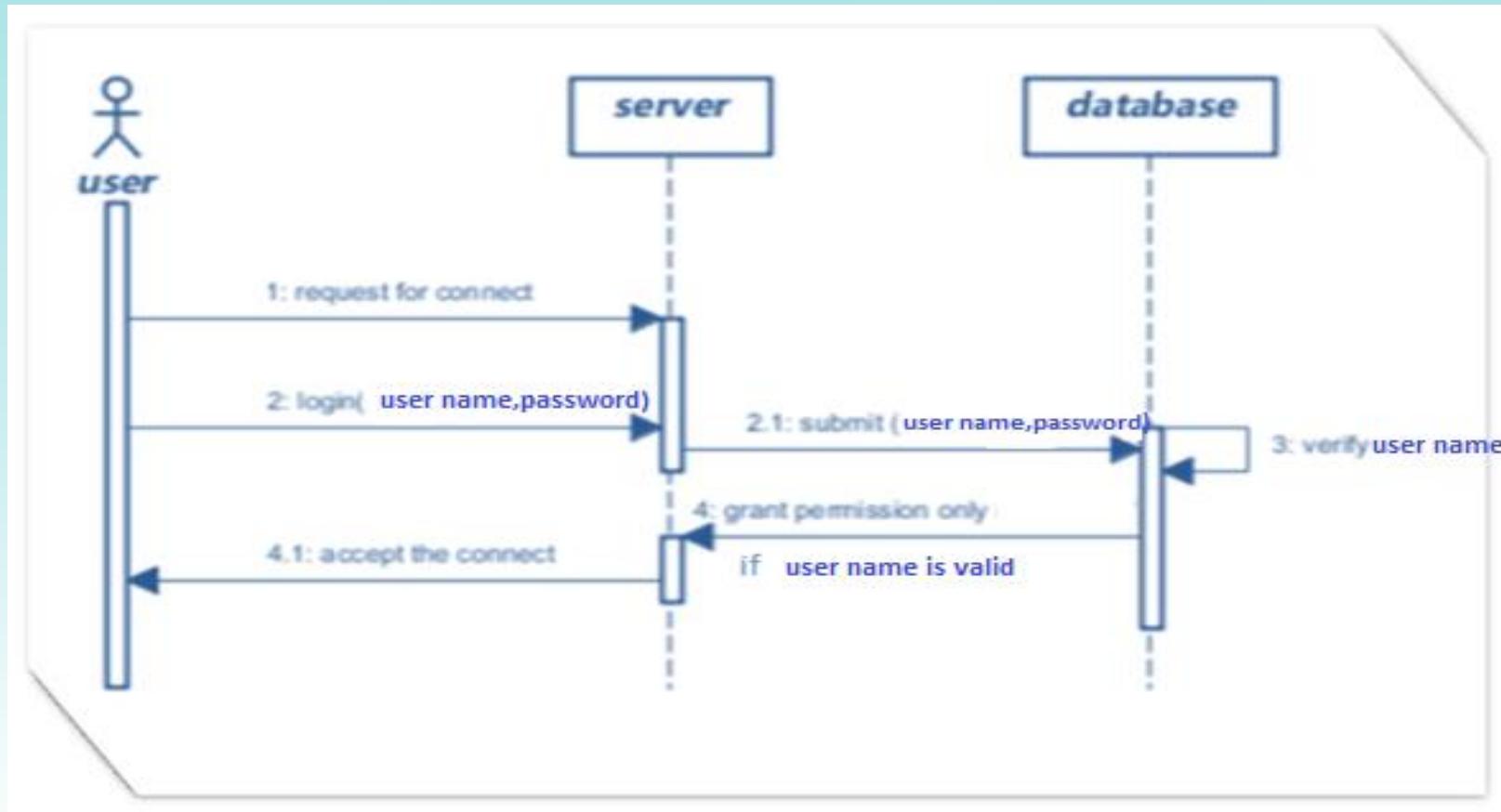
HTML: hyper text markup language is the main markup language for creating web pages and for creating web pages and other information that can be displayed in a web browser.

CSS: cascading style sheet is a style sheet language used for describing the presentation semantics(the look and formatting) of a document written in a markup language it used for improving content accessibility provide more flexibility

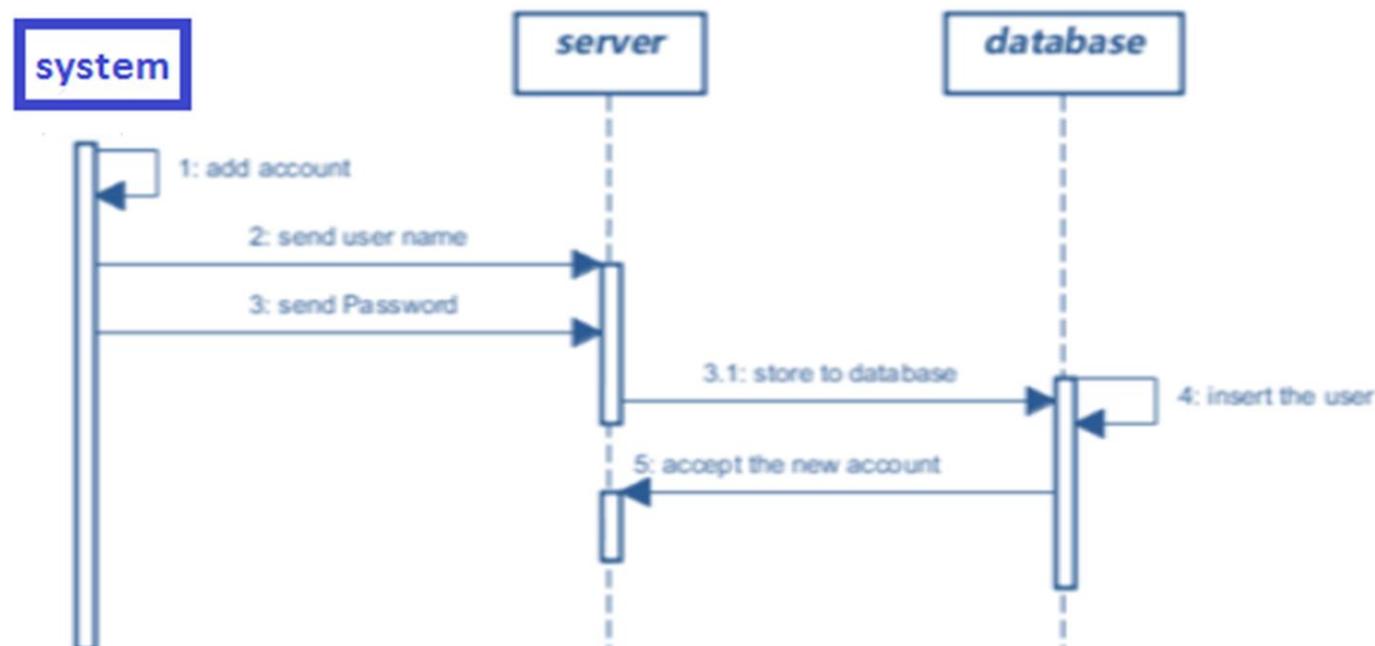
Java script: it is a computer programming language it was originally implemented as part of web browser so that client-side scripts could interact with the user ,control the browser ,communicate asynchronously , and alter the document content that was displayed

4:Analysis of the project

Now the flow chart of the sequence diagram for the system
- This part shows the user how to log on to the system



- And This part shows how to register a new user to the database



5: how the system work

Guest data:

*The citizen fill the registration form that contain all information about him such as (**Name , Country, Mobile No , National Id ,...).***

He enter all required data then click “submit” then all his data will be registered in database(“train_booking”).



Booking process:

- After registration process user receives a message that contains **password** and **username** that he entered which sent by system admin .
- After the previous message you will log in as a user using the **username** and **password** you choose
- Choose your **journey** by filling the booking form that contains (**arrival time** – **departure time** – **train type** -) and you will receive a message that confirm your booking .
- The website provide **pay** a ticket using trusted websites like (**paypal,2checkout**).



6-System cycle

- 1. Initial study (preliminary survey/study).**
- 2. System analysis**
- 3. Program design**
- 4. Development / coding**
- 5. Implementation**
- 6. Testing**

*Thanks a lot
for your time*

