Features

* Authentication system
* Payment Transaction
* Navigation and routing

**Authentication system**

It contains password log in, cookie log in, log out, register, and user roles.

Users table

|  |  |  |
| --- | --- | --- |
| id | int | Primary, unique, auto increment |
| username | Varchar(30) | Unique, not null |
| password | Varchar(255) | Not null |
| role\_id | int |  |
| Email | Varchar(50) | unique |

Tokens table

|  |  |  |
| --- | --- | --- |
| id | Varchar(255) | Primary, unique, not null |
| User\_id | int | Not null |
| token | Varchar(255) |  |



**Navigation and Routing**

Allows website admin to define create custom menus and display them on predefined position on the website. Programmers can also use it as routing system in their code.

Database

|  |  |
| --- | --- |
| name | Primary key, unique |
| menu | Text, json |



**Transaction system**

It processes user transactions, and handles user payments.

Database

|  |  |  |
| --- | --- | --- |
| Id | Int | Primary key |
| User\_id | Int | Foreign key |
| Time | Date |  |
| paid | Boolean |  |
| total | double |  |
| Items | Text | In json format |

