# Packages

# Models

|  |  |
| --- | --- |
| package Online Hospital; | LabResult.cs  Patient.cs  Personnel.cs  Doctor.cs  Appointments.cs  Policinic.cs  Department.cs  Work\_hours.cs |

# Controllers

|  |  |
| --- | --- |
| package app\Http\Controller; | AdminListDepartment.aspx.cs  AdminListDoctor.aspx.cs  AdminListPersonnel.aspx.cs  AdminListPolicinic.aspx.cs  PatientBookAppointment.aspx.cs  PatientCancelAnAppointment.aspx.cs  PatientLabResult.aspx.cs  PatientListAppointment.aspx.cs  PersonnelEditAnAppointment.aspx.cs  PersonnelEnterLabResult.aspx.cs  DoctorSetNotWorks.aspx.cs  DoctorListAppointment.aspx.cs  DoctorShowPatientLabResult.aspx.cs  LoginController.aspx.cs  RegisterController.aspx.cs  ForgetPasswordController.aspx.cs |

# Views

|  |  |
| --- | --- |
| package resources\views\admin; | Listdepartment.aspx  ListDoctor.aspx  ListPersonnel.aspx  ListPolicinic.aspx |
| package resources\views\Patient; | BookAppointment.aspx  CancelAnAppointment.aspx  LabResult.aspx  ListAppointment.aspx |
| package resources\views\Personnel; | EditAppointment.aspx  EnterLabResult.aspx |
| package resources\views\Doctor; | DoctorSetNotWorks.aspx  DoctorListAppoitnemtn.aspx  DoctorShowPatientLabResult.aspx |
| package resources\views\auth; | login.aspx  register.aspx |

# Class Interfaces

**Model Name: User (Restaurant Owner)**

**Model Attributes/Explanation/Dependencies:**

* **‘firstname’ : Firstname of the restaurant owner**
* **‘lastname’ : Lastname of the restaurant owner**
* **‘email’ : Email of the restaurant owner that is used in login session.**
* **‘phone’ :Phone number of the restaurant owner**
* **‘password’ : Password of the restaurant owner that is used in login session**
* **‘role\_id’ : ID which is given by system database according to type of authenticated user**

**This model has dependencies to elements of ‘Customer’ and ‘Admin’ packages to complete some of it’s operations properly.**

**Model Operations:**

* **OwnerRestaurantController@index(): Lists all restaurants that belongs to the current restaurant owner**
* **OwnerRestaurantController@create(): Presents a form to the current restaurant owner about the restaurant that is wanted to be created**
* **OwnerRestaurantController@store(): Collects inputs from the create form and stores them by filling model fields of new restaurant in system database**
* **OwnerRestaurantController@fileUpload(): Provides functionality to upload images to the current restaurant owner**
* **OwnerRestaurantController@edit(): Presents a form to the current restaurant owner about the restaurant that is wanted to be edited**
* **OwnerRestaurantController@update(): Collects inputs from the edit form and updates them by editing model fields of edited restaurant in system database**
* **OwnerRestaurantController@switchReservationStatus(): Provides functionality to enable or disable reservation status to the current restaurant owner**
* **OwnerRestaurantController@delete(): Deletes the restaurant that current restaurant owner wants to delete from the database permanently**
* **OwnerReservationController@index(): Lists all reservations of the active restaurant to the current restaurant owner**

**Model Name: LabResult**

**Model Attributes/Explanation/Dependencies:**

* **‘PersonnelTc\_no’ : Tc of the Personnel**
* **‘LabResult : Description about the LabResult**
* **‘DepartmentID’: Owner of the Department**

**This model has dependencies to elements of ‘Restaurant Owner’ and ‘Admin’ packages.**

**This model belongs to ‘restaurants’ table.**

**Model Operations:**

**This model does not contain any distinctive operations at any controller.**

**Model Name: Personnel**

**Model Attributes/Explanation/Dependencies:**

* **‘name’: Name of the personnel**
* **‘surname’ : Surname of the personnel**
* **‘Tc\_No’ : citizenship number of the personnel**
* **‘Password’ : Password of the personnel**
* **‘Age’ : Age of the personnel**
* **‘Gender’ : Gender of the personnel**
* **‘Email’: Email of the Personnel**
* **‘Role’: Tc which is given by system database according to type of authenticated user**
* **‘PolicinicID’: Personnel work on which policilinic**

**This model has dependencies to elements of ‘Restaurant Owner’ and ‘Admin’ packages.**

**This model belongs to ‘addresses’ table.**

**Model Operations:**

**This model does not contain any distinctive operations at any controller.**

**Model Name: Doctor**

**Model Attributes/Explanation/Dependencies:**

* **‘name’: Name of the doctor**
* **‘surname’ : Surname of the doctor**
* **‘Tc\_No’ : citizenship number of the doctor**
* **‘Password’ : Password of the doctor**
* **‘Age’ : Age of the doctor**
* **‘Gender’ : Gender of the doctor**
* **‘Email’: Email of the doctor**
* **‘Role’: Tc which is given by system database according to type of authenticated user**
* **“DepID’: Doctor works on which department**
* **‘Not\_work’: What days the doctor does not work**
* **‘PolicinicID’: Doctor works on which Policinic**

**This model has dependencies to elements of ‘Restaurant Owner’ and ‘Admin’ packages.**

**This model belongs to ‘bank\_accounts’ table.**

**Model Operations:**

**This model does not contain any distinctive operations at any controller.**

**Model Name: Appointment**

**Model Attributes/Explanation/Dependencies:**

* **‘AppID’: Every Appointments has individual appointment id**
* **‘PatientID’ : Which patient the appointment belongs to.**
* **‘DepartmentID’ : Paient received the appointment from which department**
* **‘PolicinicID’: Patient received the appointment from which policinic**
* **‘DoctorID’: Patient received the appointment from who Doctor**
* **‘date’: Patient received the appointment from which Date**
* **‘Type’: The time the patient received the appointment**

**This model does not contain any distinctive attributes**