ONLINE EYECARE SYSTEM

**ABSTRACT**

The idea of Online Eye Care System project is to develop which focuses on some modules of management of the Eye care clinic. It allows users to maintain the records of the patients and also it allows doing the manual operations in an automated form. It provides details on treatment, facilities, eye care products and customers record. This project has been developed using PHP as the front end and MySQL as the back end.

**The data represented in Online Eye Care System will perform the following major functions:**

* Appointment details
* Patient details: It includes the personal details of the patients and other medical problems of the patient.
* Eye Problems and Diseases
* Treatment details
* Medical problem
* Weekly, MOnthly, Yearly Reports
* Billing details: It will help to calculate the bill much faster and simpler. This helps the Eye clinic to keep the information in efficient way.

**The database name is onlineeyeclinic and it has 10 tables.**

1. **admin**: Admin table stores administrator records.
2. **appointment**: Appointment table stores all appointment records taken by patient.
3. **branch** : Branch table stores branch details.
4. **doctor**: Doctor table has details of the doctor.
5. **doctor\_bill**: This table stores bills generated by doctors after consultation.
6. **orders**: Patient ordered optical detail stores in this table.
7. **patient**: Patient registration detail stores in this table.
8. **prescription**: Prescription or medicine details stores in this table.
9. **products** : This stores optical details . Glass, lense, etc.
10. **test** : This table will store lab test records.

**There are three types of users in this system.**

* Administrator
* Doctor
* Patient

**Customer**: First the customer needs to register to the website. After the registration customer can login to the site. Patient can view his appointment details and product order details in the patient dashboard. Patient can book appointment and he has option to cancel his appoinement.

**Admin**: In the Admin dashboard admin can view order details. Administrator can update his profile and he can change his existing password. Admin can view patient details and doctor details. Admin can set appoint schedule for patient and he can cancel the appointment. Administrator can add branch details, Other admin records, Doctor details, Patient details and product details. Admin can manage product inventory details.

**Doctor**: In the doctor panel doctor can view his appointment details. In the doctor dashboard he can update his profile and doctor can change his password. Doctors can view appointment details. and he can place order for patients.

**USE CASE DIAGRAM**

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Register

**Admin**

Change Password

View Appointments

Product Order Details

Book Appointment

Cancel Appointment

Patiant Details

**Patient**

Manage Product Inventory Details

Product Detailes

Doctor Detailes

Admin Records

Add Branch Detailes

Set Appointment Schedule

**Doctor**

Doctor Detailes

Set Appointment Schedule

View Appointment

Change Password

Login

Patiant Details

Cancel Appointment

Book Appointment

Product Order Details

View Appointment

Change Password

Login

Register

**TABLES**

Table No : 1

Table Name : Admin

Primary Key : Admin\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Fields | Data types | Size | Description |
| Admin\_id | Int | 10 | Primary key |
| Branch\_id | Int | 10 | Foreign key |
| Admin \_name | Varchar | 25 | Not null |
| Login \_id | Varchar | 25 | Not null |
| Password | Varchar | 25 | Not null |
| Email\_Id | Varchar | 25 | Not null |
| Last\_login | datetime | - | Not null |

Table No : 2

Table Name : Appointment

Primary Key : App\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Fields | Data types | size | description |
| App | Int | 10 | Primary key |
| Branch\_id | Int | 10 | Not nul |
| Pat\_id | Int | 10 | Not null |
| Doc\_id | Int | 10 | Not null |
| App\_date | Date | - | Not null |
| App\_time | Time | - | Not null |
| Create\_at | Date Time | - | Not null |
| Status | Varchar | 30 | Not null |

Table No : 3

Table Name : Branch

|  |  |  |  |
| --- | --- | --- | --- |
| Fields | Data types | size | description |
| Branch\_id | Int | 10 | Not null |
| Branch\_name | Varchar | 30 | Not null |
| Description | Varchar | 50 | Not null |

Primary Key : Branch\_id

Table No : 4

Table Name : Doctor

Primary Key : Doc\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Fields | Data types | size | description |
| Doc\_id | Int | 10 | Primary key |
| Branch\_id | Int | 10 | Foreign key |
| Doc\_name | Varchar | 25 | Not null |
| Clinic\_name | Varchar | 25 | Not null |
| Email\_id | Varchar | 25 | Not null |
| Phone | Varchar | 25 | Not null |
| Mobile | Varchar | 25 | Not null |
| Login\_id | Varchar | 25 | Not null |
| Password | Varchar | 25 | Not null |
| Create\_at | Date | - | Not null |
| Last\_login | DateTime | - | Not null |

Table No : 5

Table Name : Doctor\_bill

Primary Key : Bill\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Fields | Data types | size | description |
| Bill\_id | Int | 10 | Primary key |
| Test\_id | Int | 10 | Foreign key |
| Test\_fee | Double | (10,2) | Not null |
| Consultation\_fee | Double | (10,2) | Not null |
| Others | Double | (10,2) | Not null |
| Date | Date | - | Not null |
| Remarks | Test | - | Not null |

Table No : 6

Table Name : Orders

Primary Key : Order\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Fields | Data types | size | description |
| Order\_id | Int | 10 | Primary key |
| Admin\_id | Int | 10 | Foreign key |
| Test\_id | Int | 10 | Not null |
| Product\_id | Int | 10 | Not null |
| Order\_date | Date | - | Not null |
| Total | Double | (10,2) | Not null |
| Dispatch\_date | Date | - | Not null |
| Payment | Double | (10,2) | Not null |
| Status | Varchar | 30 | Not null |

Table No : 7

Table Name : Patient

Primary Key : Pat\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Fields | Data types | size | description |
| Pat\_id | Int | 10 | Primary key |
| Admin\_id | Int | 10 | Foreign key |
| Pat\_name | Varchar | 30 | Not null |
| Email\_id | Varchar | 25 | Not null |
| Password | Varchar | 25 | Not null |
| Dob | Date | - | Not null |
| Gender | Varchar | 10 | Not null |
| Address | Varchar | 50 | Not null |
| Contact | Varchar | 25 | Not null |
| Create\_at | Date | - | Not null |

Table No : 8

Table Name : Prescription

Primary Key : Sl\_no

|  |  |  |  |
| --- | --- | --- | --- |
| Fields | Data types | size | description |
| Sl\_no | Int | 10 | Not null |
| Test\_id | Int | 10 | Not null |
| No:of days | Test | - | Not null |
| Medicines | Test | - | Not null |
| Mg | Test | - | Not null |
| Dosage | Test | - | Not null |
| Remark | Test | - | Not null |

Table No : 9

Table Name : Product

Primary Key :Prod\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Fields | Data types | size | description |
| Prod\_id | Int | 10 | Primary key |
| Branch\_id | Int | 10 | Foreign key |
| Name | Varchar | 50 | Not null |
| Product type | Varchar | 50 | Not null |
| Sub\_type | Varchar | 25 | Not null |
| Image | Varchar | 100 | Not null |
| Colour | Varchar | 20 | Not null |
| Cost | Double | (10,2) | Not null |
| Quantity | Int | 10 | Not null |

Table No : 10

Table Name : Test

Primary Key : Test\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Fields | Data types | size | description |
| Test\_id | Int | 10 | Primary key |
| App\_id | Int | 10 | Foreign key |
| Sph | Varchar | 100 | Not null |
| Cyl | Varchar | 100 | Not null |
| Ans | Varchar | 100 | Not null |
| Remarks | Test | - | Not null |
| Specs\_req | Varchar | 10 | Not null |

**FORMS**

**Login Form**

User Name :

Pass Word :

**Login**

Forget Password?

**Change Password**

User Type :

Select……

Login/Email :

Old Password :

New Password :

Conform Password :

**Admin Form**

First Name :

Last Name :

Clinic Name :

Email Id :

Login Id :

Password :

Conform

Password :

Phone No

(Optional) :

Mobile No :

Branch Name :

**Patient Details**

First Name :

Last Name :

Gender : Male Female

Email Id :

Password :

Conform

Password :

Contact :