**PROJECT DOCUMENTATION**

**TOPIC: Online Lab Medical Reporting System**

**Submitted By,**

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**ABSTRACT**

Online Medical Lab Reporting system basically will be used by the labs. It is helps to test CBC, Blood Glucose, Glycohemoglobin etc. It also helps various lab tests that need to be performed in specific time and reduce time to getting various test results.

This project consist of three modules:

* Admin
* User
* Lab technician

**Admin:**

Admin login to the page, view the details of registered users and technicians, Admin add technicians, generate package selection option and cost of each package selection, maintain booking details of users, Admin keep the users history, Admin view the users booking details, Admin keep the result, Admin approve the feedback from the users, logout.

**User:**

User login to the page and register his/her profile, Package selection option, schedule a lab test, User can view his/her result, View the suggestions from technician, User can view his/her previous history and user enter their feedback, logout.

**Lab Technician:**

Technician login to the page and register his/her profile, view the package selection options from users, publish the result, report their suggestions to the user, logout.

**USECASE DIAGRAM**

**user**

**Admin**

**Technician**

**TABLES**

**1.tbl\_login**

**Primary key: login \_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| login\_id | Int | 4 | Primary key |
| username | varchar | 50 | User name |
| password | varchar | 50 | password |
| user\_type | Int | 4 | usertype |
| Status | Int | 4 | status |

**2.tbl\_uregister**

**Primary key:user\_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| user\_id | int | 4 | Primary key |
| Name | varchar | 50 | Name |
| Place | varchar | 50 | Place of user |
| phoneno | varchar | 50 | Phone Number |
| Email | varchar | 50 | Email id |
| username | varchar | 50 | User Name |
| password | varchar | 50 | Password |
| Status | int | 4 | Present/not |

**3.tbl\_tecregister**

**Primary key: tec\_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| tec\_id | varchar | 50 | Primary key |
| name | varchar | 50 | Name |
| place | varchar | 50 | Place of technician |
| gender | varchar | 20 | Male/female |
| qualification | varchar | 50 | Qualification |
| experience | varchar | 20 | Experience |
| regi\_no | int | 10 | Registration number |
| email | varchar | 50 | Email id |
| username | varchar | 50 | username |
| password | varchar | 50 | password |
| status | int | 4 | Present/not |

**4.tec\_qualification**

**Primary key: qualify\_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| qualify\_id | int | 4 | Qualification id |
| qualification | varchar | 50 | Qualification |

**5.tbl\_ test**

**Primary key: test\_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| test\_id | int | 4 | test id |
| testtype | varchar | 20 | Test details |
| cost | varchar | 20 | Cost of test |

**6.tbl\_haematology**

**Primary key: haema\_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| haema\_id | int | 4 | Primary key |
| investigation | varchar | 20 | observations |
| result | varchar | 20 | result |
| unit |  | 10 | Unit of result |
| Ref-range | varchar | 20 | range |

**7.tbl\_booking**

**Primary key: booking\_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| booking\_id | int | 4 | Primary key |
| bookingdate | varchar | 10 | Date of booking |
| time | int | 20 | Time of booking |
| username | varchar | 20 | User name |
| status | int | 10 | Present/not |

**8.tbl\_result**

**Primary key: result\_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| result\_id | Int | 4 | Primary key |
| description | int | 20 | Descriptions about test |
| suggestion | varchar | 20 | suggestions |
| Status | int | 10 | Present/not |

**9.tbl\_feedback**

**primary key: fid**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| fid | int | 4 | Feedback id |
| user\_id | int | 4 | User\_id |
| feedback | varchar | 50 | feedback |

**DFD-DATA FLOW DIAGRAM**

**LEVEL-0**



**LEVEL 1(user)**



**LEVEL 1(technician)**



**LEVEL 1(admin)**

