Storyboards: Laboratory management system

When user (admin, pathologist or patient) needs to use the system he/she need toopen this application where he/she will redirect to the home page with 3 default buttons as bills, pathologists, patients and 2 more option as login and signup.

Patient/Pathologist/Admin any of the user can use default options bills, pathologists and patients. Which used to do the following functionality:

a. Bills button: When a user clicks on the bills button then he/she will redirectuser to a page where user can see all bills details in a tabular format.
b. Pathologist’s button: When a user clicks on this button then user can see alist of pathologist ids where user can select the id and process to check details about pathologist.
c. Patient button: When a user clicks on this button then user can see all patients details in a tabular view.

If a user is not a registered user, then he/she can click on sign up button and afterclick user will redirect to signup page where he/she needs to fill a form with all required info and click on submit button. After registration user need to come back to home page and click on login button to enter in the system to use the assigned functionality.

Login area: In this page user need to provide the credentials to login into the system and select the user type and needs to click on login button, If all details are provided correct then the user will redirect to the dashboard page of related user.

Admin page: If user is an admin, then on dashboard, he will have 5 options as following:

a. Register pathologist: To create a new pathologist
b. View pathologist: To check the details of pathologist
c. Remove pathologist: To delete or remove the pathologist form system
d. Update pathologist: To change details of pathologist
e. View bills: To check details of bills it’s same as on homepage

Register pathologist: If a new staff hired in the lab, then admin can add this staff from the section Register pathologist. For this admin need to fill all the details of the pathologist like: name, dob, gender, address etc. After filling the form admin will click on the button register and a popup message will appear if pathologist registered successfully.

View Pathologist: As an admin he need to check all the staff details so admin have this area to check for the staff details. Admin can click on this button and get a list of all registered pathologist then he can choose anyone of them to check for the details.

Remove pathologist: Now assume if a staff left the lab, then admin is in need to remove his details form the application so no patient can register himself with that pathologist so, admin have this area to remove pathologist. For that he needs to click on the button where he will get a list of pathologists, he needs to select one of them and need to enter password to verify his identity. After it he can remove the pathologist.

Update pathologist: Because admin only can add a pathologist so, admin only can update the profile for pathologist as well. In this section he can choose pathologist to update the profile data and process to edit.

View Bills: As a patient will register for a test then a bill process also started the same time. Admin can track those bill details from this section.

Pathologist page: If user have pathologist rights, then he will redirect to pathologist dashboard where he/she will have 4 options as:

a. Assigned tests: To check all tests assigned to him/her
b. Update tests: To update the tests data as report etc.
c. Track tests: To track all assigned tests
d. View patient details: To check the patient details

Assigned Tests: In this section pathologist will get a tabular view of all the tests assigned to him. He can check the details of all the tests as well from here.

Update Tests: When a user(patient) applies for a test then the tests will display on the pathologist dashboard area as assigned tests. And pathologist have the rights to update the status of that test as approved, canceled, processed, report generated etc. from this section.

Track Tests: Same as the patient pathologist also have the section to track the tests assigned to him.

View Patient Details: In this area pathologist can check for details of the patient registered for a test.

Patient Page: If user is a patient, then he/she will redirect to the patient dashboardwith 4 options as follows:

a. Register for test: To register himself/herself for a test
b. View all tests: To check all previous tests details
c. Track tests: To track the status of all tests registered
d. Update profile: To update the info about himself/herself

Graphical view page: On this page user will check the graph between patient andpaid amount for tests.

Register Test: To register for a test user need to be a registered user on the application after registration user can click on the button register for test on his dashboard. Where he can select the test to do, lab pathologist and a date to process the test. After successfully register he will get a popup message that test is registered.

Track Test: After successfully register for a test user can check the status of the test like: processed, canceled, report generated etc. For this user need to click on the button Track tests. In this process when user register for a test the pathologist applies suitable status for that test from his own dashboard area.

View All Tests: In this section user can check all his registered tests details with status as well with billing info. For this user need to click on the button View All Tests. After that user will get a list of all his registered tests and he can choose any of them to check the details.

Update Profile: To update the personal details like: name, dob, address and other information user can click on the button Update Profile and he will be able to edit the details with which he registered.

Story view: Assume a patient need a blood test then he will come to system and click on signup button on homepage because he is using the system first time. After registration he will back to home page and click on login button and fill thecredentials asked on that page to login into the system. After login he will click on register for a test button and fill the necessary required info like as test name, date, pathologist etc. and click on submit then he will be registered for a test. Nowcome to pathologist part user need to perform same action for login but here he cannot register himself as patient did because the rights to create a pathologist is only under admin control. So, if a pathologist will login, then he first needs to check for tests assigned and then update them so a user can confirm and come fortest on the scheduled date. After tests performed pathologist need to update the tests status and patient can check it using the option track test on his own dashboard. Admin can track full application.