Documentation

Problem Statement: Design a web application to facilitate the improvement of patients checkup for different tests by providing a platform so as to keep the reports and test taken in a secure and organized manner.

Actors:

1). Patients: The patients will be able to see the reports, book appointments, and ask doctors for advice, also get treatment.

2) Lab Manager: The lab manager will be able to add reports, check for appointments for medical tests and also validate the patient information.

3) Doctors: The doctors will be able to check for appointments, give the course of action for various patients and their own opinion on requested reports.

The main idea behind the project is developed by taking into consideration small clinics which do not have sufficient facilities like big hospitals for all medical tests , medicines etc. Therefore the patient has to consul to medical/pathological laboratories for particular test reports.

During medical checkup a large number of reports are needed to be handled. So there are chances of some reports being lost, misplaced, forgot to bring. To avoid all these consequences our website provides a common platform for patients, small clinics, laboratories to minimize overhead and produce effective results.

In our website, A profile for each patient is generated which contains various test reports, so the patient no longer has to remember all the tests he had done in the past. He/she can get it just with a click; The reports are validated and added by laboratories therefore there is no chance of misplaceing.

And finally the site provides treatment and opinions from various doctors which helps patients to make better decisions about their health.

Flowchart:

Start

Logout

Check appointments, give advice, give course of treatment

Add reports, check appointment, validate patient info

Login as patient, doctor or lab manager

see report, book appointment,ask for advice

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