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Website Design with Data Mining for Hospital Use

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Abstract – *This idea is for Health Industries, which deals with the process of transcription, or converting patient reports into soft text format and images. In recent years, medical records have changed considerably. Although many physicians and hospitals still maintain paper records, but in our system desktop computers connected to powerful servers, where patient records are processed and archived digitally. This digital format allows for immediate remote access by any physician who is authorized to review the patient information. Reports are stored electronically and printed selectively as the need arises. Centralize Patient Info is part of the healthcare industry that renders and edits doctor dictated reports, procedures, and notes in an electronic format in order to create files representing the treatment history of patients. Health practitioners dictate what they have done after performing procedures on patients and MT's transcribe the oral dictation and/or edit reports. This not only helps patient but will also be useful for the upcoming medical students to have real life ideas of different medical issues & how that was detected & treated.*

***Key Words*: Data mining, Health care, clinics, systematic review**

1. INTRODUCTION

Patient medical report generation, also known as Patient info, is an allied health profession, which deals in the process of transcription, or converting patient reports into soft text format.
Nowadays, using computerized systems and software programs instead of documenting the clinical trials in a paper has become common. The data collected by labs, physicians and doctors are manually entered using a common graphical user interface on a standard computer.

The Patient Health Record management is important both for patients as well as hospital management. There is no centralized management of health records in the developing countries like India. The patients' records which are retained in the paper format are cumbersome and unreliable. Work is still being in progress for secure maintenance, patient records as a Health card on a Smartcard in developing countries like India and other nations. Most of the hospitals issue a Health card, which only tries to stores just the primary information of the patient and major part of the records are stored on a centralized medical storage server.

Patient transcription is part of the healthcare industry that renders and edits doctor dictated reports, procedures, and notes in an electronic format in order to create files representing the treatment history of patients.

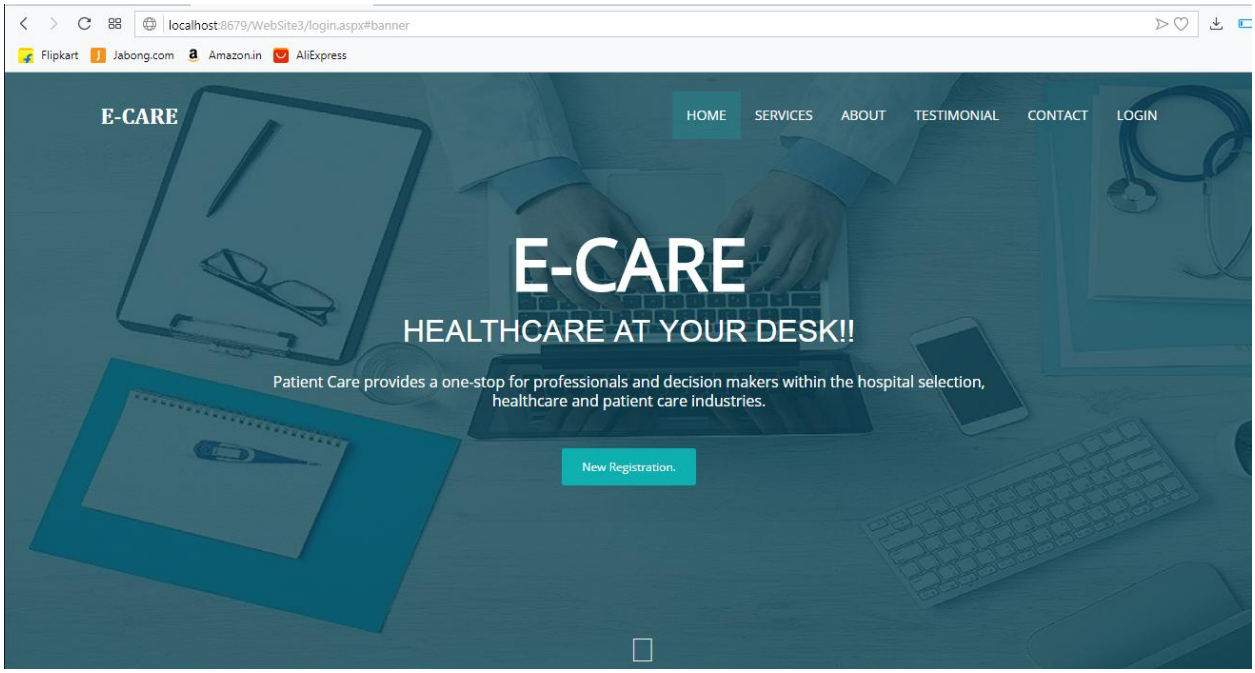
When a patient visits the pathology lab for the first time a unique id is provided to patient. Patient will be equipped with unique code and lab employee used to read the content from System using unique Id.

Centralize Patient Info is part of the healthcare industry that renders and edits doctor dictated reports, procedures, and notes in an electronic format in order to create files representing the treatment history of patients. Applicable in Hospital, Clinic, Laboratory and research Center.

2. The admin will be able to perform many tasks like:

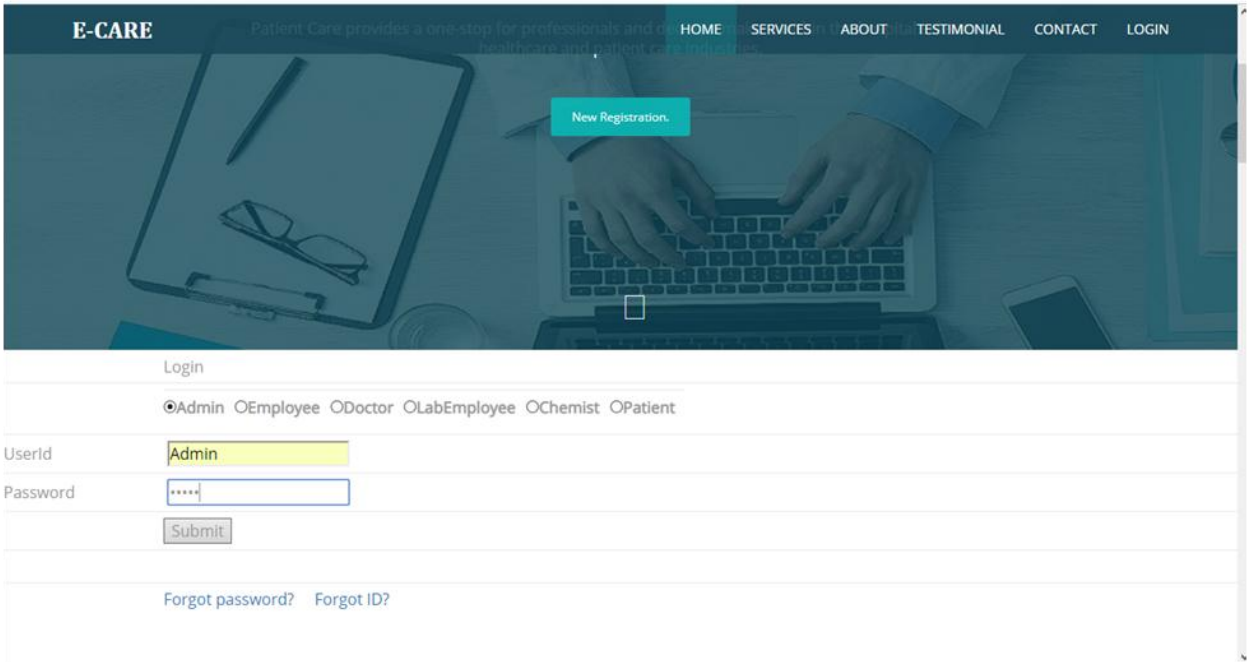
Home page:

A home page or a start page is the initial or main web page of a website or a browser. A home page is generally the main page a visitor to a website from in home page.



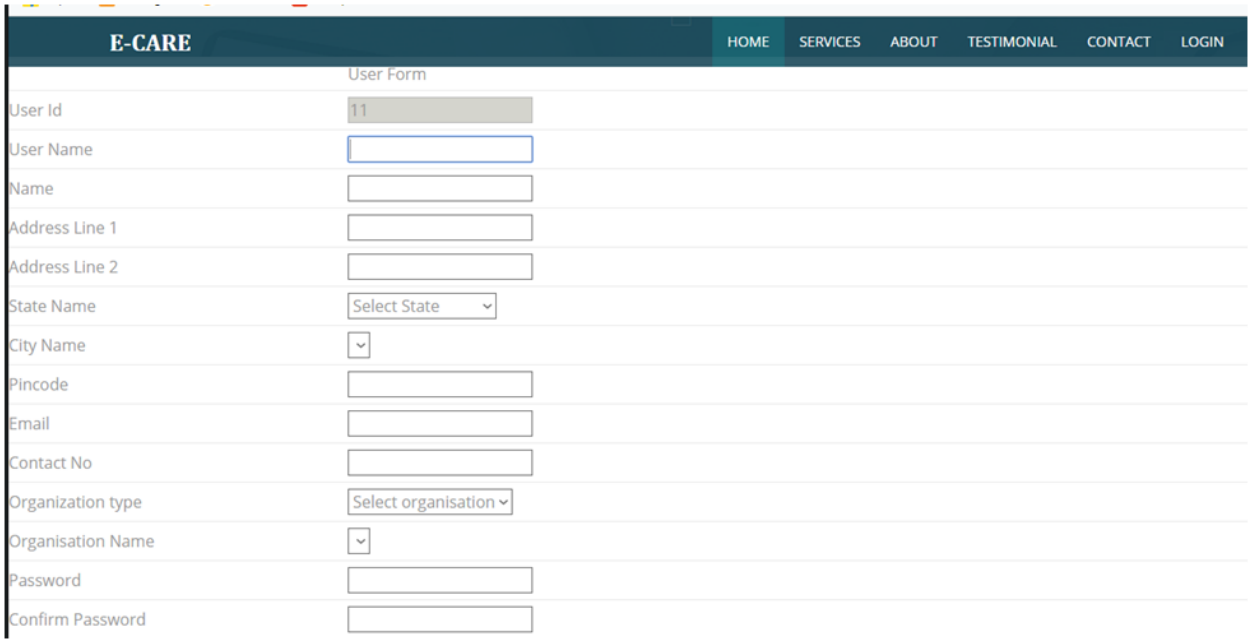
Login form:

Here user needs to log in to login page with the help of user id and password provided by the admin during his registration.



Registration form:

Registration will be able to register as a new user by adding his details like full user id, user name, address, state name, city name, pincode, E-mail, contect no, organization type, organization name, password conform password etc….



Forgot password:

If user forget password, he/she will be entered registered mail id and click the SEND button.
So, current password will be sent it to registered data base.

3. CONCLUSIONS

It is essential to understand the requirements of the project in terms of functional requirements, non-functional requirements, resources, technicality, timelines, information availability, delivery expectations and costs. At the same time, it is equally or more important to communicate this understanding to the client upfront and advise the client of the assumptions.

On receipt of project information in the form of functional requirements, specifications, use cases, we prepared a document of understanding which conveys the following information to the External guide:

Understanding technical requirements
Assumptions and pitfalls in the project
Our understanding of the clients requirements
Estimated overall timelines and deliverables
Required Information
Our expectations from the client
Resource requirements
Approximate cost of the project

Immediate remote access by any physician who is authorized to review the patient information :-

Reports are stored electronically and printed selectively as the need arises.
Converting patient reports into soft text format.
Reduce Paper work and maintain medical history securely.
Provide usability for health management in emergency situation.
View and update patient information.
Generate medical history.

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