



Easy Health Care



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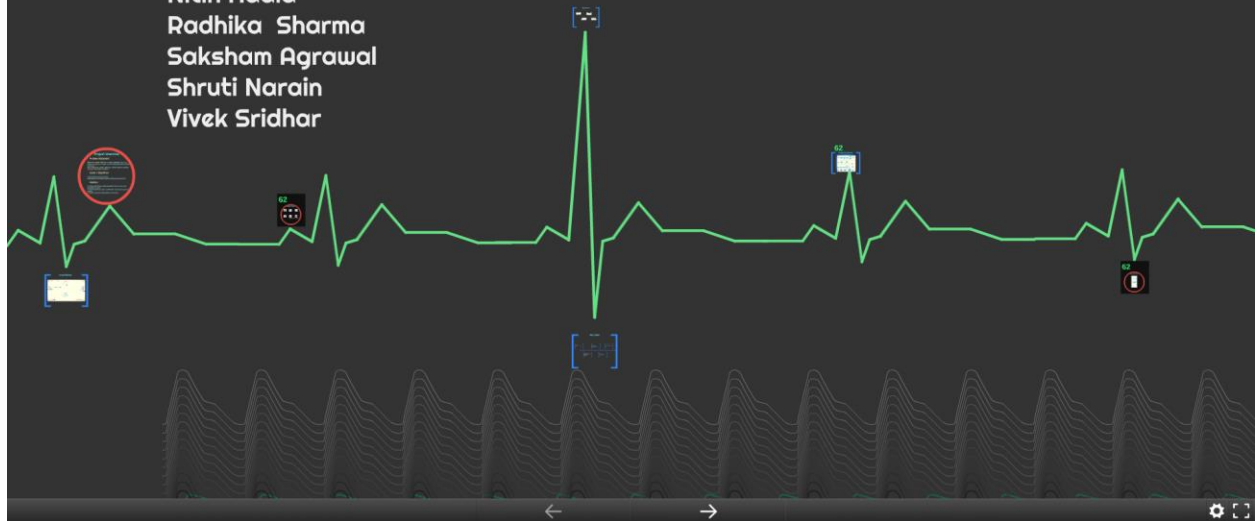
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Project Overview

Problem Statement

- What is the problem : With the increase in population there is a dearth of resources for health care like addressing health problems of patients
- Who is having the problem : bedridden, disabled patients, patients obstructed by weather conditions

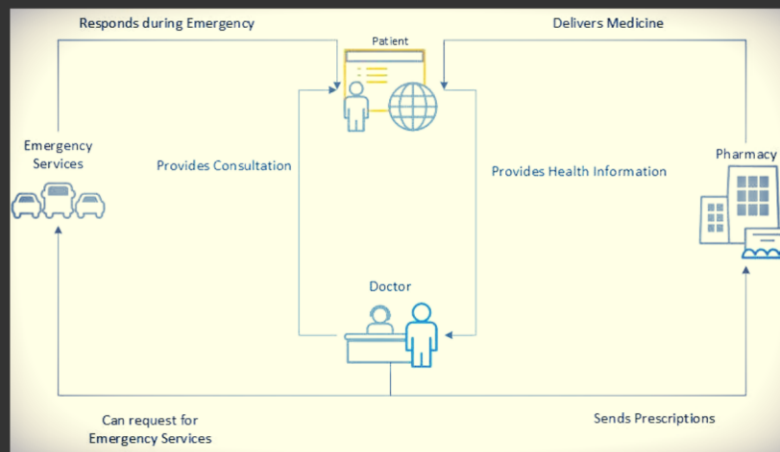
Goals & Objectives

- Make healthcare more accessible
- Addressing the difficulties faced by differently abled patients

Solution

- Develop a user friendly, easily accessible, functional one-touch application for users
- Connect the patients, doctor, pharmacist & the emergency service provider
- Provide improved and timely health care solutions

How It Works..



Stakeholders



Admin



Doctor



Patient



Pharmacy

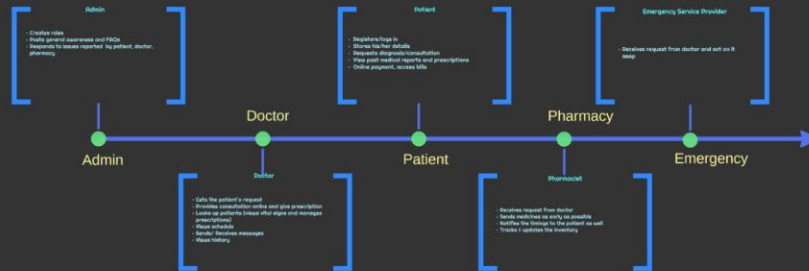


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Emergency Service Provider

Use Cases



Admin

- Creates roles
- Posts general awareness and FAQs
- Responds to issues reported by patient, doctor, pharmacy

Doctor

- Gets the patient's request
- Provides consultation online and give prescription
- Looks up patients (views vital signs and manages prescriptions)
- Views schedule
- Sends/ Receives messages
- Views history

Patient

- Registers/logs in
- Stores his/her details
- Requests diagnosis/consultation
- View past medical reports and prescriptions
- Online payment, access bills

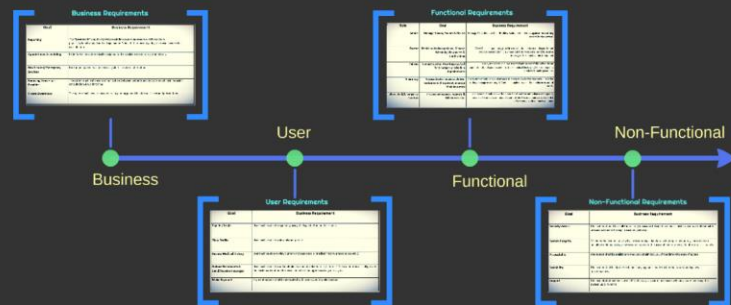
Emergency Service Provider

- **Receives request from doctor and act on it asap**

Pharmacist

- **Receives request from doctor**
- **Sends medicines as early as possible**
- **Notifies the timings to the patient as well**
- **Tracks & updates the inventory**

Requirements



Business Requirements

Goal	Business Requirement
Reporting	The "EasyHealth" app shall provide real-time reporting system which monitors physically handicapped and old age patient's health thereby mitigating the travel hassles for consultation.
Appointment Scheduling	Patients will be automatically assigned to the available doctor programmatically.
Notification/ Emergency Services	Doctor and patient will be receiving alerts in case of aberrations.
Reducing Time – to - Provider	The system shall enhance communication between patients and doctors resulting in reducing consultation & waiting time.
Create Awareness	The system shall increase awareness regarding general healthcare issues and precautions

User Requirements

Goal	Business Requirement
Sign In / Login	User shall be able to sign-in by using the login button on the screen.
View Profile	User shall be able to view his/her profile.
Review Medical History	User shall be able to view current and past details (medical history, prescriptions etc..)
Upload Documents & Send/Receive messages	User shall be able to add multiple documents related to his/her role. The user interface shall provide the dashboard option of conversation for Sending & Receiving messages.
Make Payment	Payment options shall be associated with user account while creation.

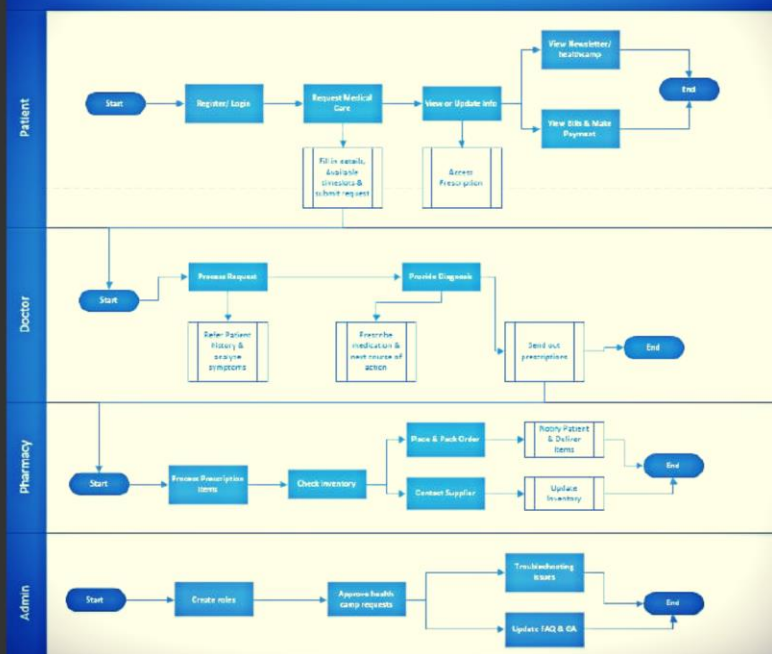
Functional Requirements

Role	Goal	Business Requirement
Admin	Manage Doctor, Patient & Device	Manage User, Roles & User Profiles. Validate the details against the existing record in the system.
Doctor	Enable to lookup patients, Manage Schedule, View alerts & notifications	View & select patients, provide consultation in form of diagnosis and provide prescription, view medical history reports, send & receive messages & contact admin if required
Patient	Contact Doctor, View Reports, Call for Emergency, Schedule Appointments	The system should allow user to login successfully, schedule an appointment, upload documents, track medical history, call for emergency services & make payment.
Pharmacy	Process doctor requests, deliver medicines to the patient, manage their Inventory	The system should allow pharmacy to process on doctor requests, Place the order, manage inventory & Contact supplier in case the medicine is out of stock.
Blood Bank/Emergency Services	Process emergency requests & deliver services.	The system should allow the blood bank and the ambulance emergency services to process on requests sent by doctor, maintain a record of it& deliver services in a timely manner.

Non-Functional Requirements

Goal	Business Requirement
Security Access	The system should have all the security measures to keep the medical history records confidential & process payments through a secured gateway.
System Integrity	Maintain the system integrity by incorporating a database with proper unique key constraints to not allow redundancies, allow secured access to the account and retrieve patient records accurately
Accessibility	The system shall be available to the users at almost 99% of the time with ease of access.
Scalability	The system shall be flexible to handle any upgrades made to it in the future/ adding new functionalities.
Support	The help desk should be active 24*7, 365 days a year to help users with any issues and keep the system up & running

Easy healthcare



User Interface



Thank You!