



MEDIFINE

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I.INTRODUCTION

MEDIFINE will list near about most Local Doctors, Clinics, based on different specialty. We're launching the MEDIFINE which will not only help patients but also ensure that Clinics and Doctors will manage patients' profile and keep it up. MEDIFINE is Flexible, powerful and easy to use. MEDIFINE is a software product suite designed to improve the quality and management of Medicine. MEDIFINE want people to make better healthcare decisions. This starts with helping them to choose AI powered medicines, find the best doctors. MEDIFINE will list near about most Local Doctors, Clinics, based on different specialty.

We want to list every single health care practitioner from the area where we want focus. To achieve this, we're launching the new MEDIFINE which will not only help patients but also ensure that Clinics and Doctors will manage patients profile and keep it updated easily and on the go, so patients always have the latest most updated information about AI powered Medicines and same as Appointments for relate to particular to doctor or clinic.

MEDIFINE is Flexible, powerful and easy to use. Medifine is a software product suite designed to improve the quality and management of Medifine in the areas of clinical process analysis and activity-based costing. Medifine enables you to develop your organization and improve its effectiveness and quality of work. Managing the key processes efficiently is critical to the success of the patients.

MEDIFINE want people to make better healthcare decisions. This starts with helping them to choose medical kit powered medicines, find the best doctors. MEDIFINE will list near about most Local Doctors, Clinics, based on

different specialty. We want to list every single health care practitioner from the area where we want focus. To achieve this, we're launching the new MEDIFINE which will not only help patients but also ensure that Clinics and Doctors will manage patients' profile and keep it up.

The fast-growing universal population increases demand for taking care, quick advice on their illness. These fast-growing peoples want all the things quick they don't want to wait anywhere because everyone is using smart technologies. These smart technologies can help people to taking care of their health on the base of their age, gender and previous health history. This MEDIFINE system is designing for overcome drawbacks in traditional system.

2.PROBLEM DEFINITION

To create or develop a new system first we have to study the prior system, Analysis difficult problems faced by the operator of that system. System Analysis therefore understands such problems and proposes a new system in which the above problems are rectified for decades, medical care around the world has looked more or less the same. People will take an appointment and visiting the doctor at the hospital, which is time consuming and it will not work in emergency situations. MEDIFINE application designed to solve these problems and help people to take care of their health by providing medicine kit and make easy way to take doctor's appointment.

3. LITERATURE SURVEY

Adamson and Bachman, 2010.

Online Medicine Consultation (OMC) is the term used in this paper to refer to internet-based remote patient-doctor medical consultation. OMC is a promising innovation. Several US

publications have reported that visits were found to be feasible with high patient satisfaction levels. First the definition of OMC excludes non internet-based consultations like radio-based consultations, Second OMC carries a paradigm shift in the way patient seek medical consultations where they can independently, Third OMC is about direct patient-doctor consultation there for it will not include doctor-doctor consultations for health education and other purpose

Richardson et al., 2009.

Internet-based video consultations have been practiced successfully in Australia in fields such as psychiatry emergency care.

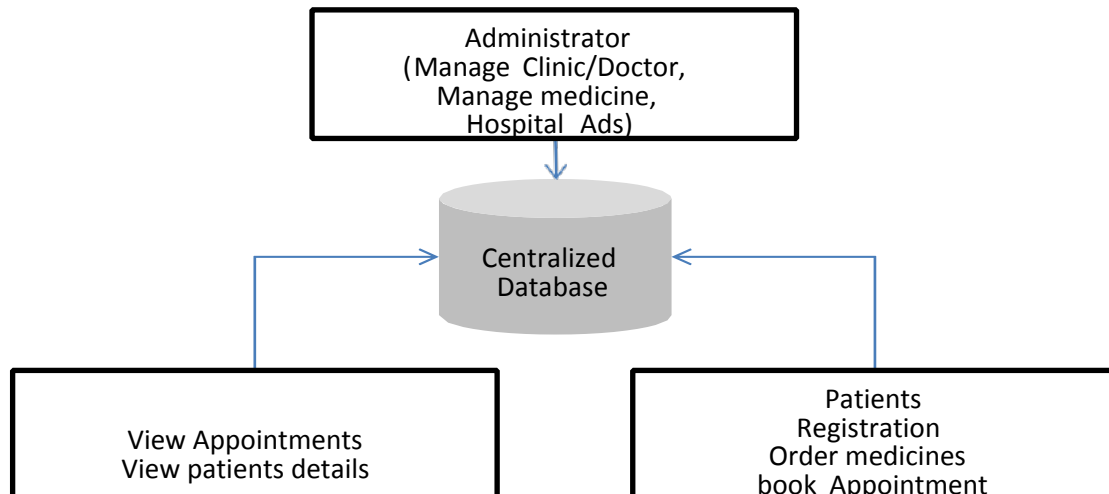
Moffatt and Eely, 2011.

Academic reviews of telemedicine/OMC/Visits have cited several advantages of patients such as increased convenience and accessibility to health services, reduced travel and waiting time to see a doctor and being a more cost-effective delivery mode.

4.PRESENT THEORY AND PRACTICES

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System Architecture:



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4.1 Existing System Study

The existing system has a traditional way of taking appointment from doctor and getting suggestion regarding medicines. This process takes lot of time and also in the emergency situation it will not helpful for patient at that time some peoples take medicines without doctor suggestion and it is risky for anyone’s health

5. METHODOLOGY FOR PROPOSED WORK

5.1 Proposed System

The proposed system is a web-based application which is available all the time. The system provides details of medical services online and allows users to interact with doctors and other medical personnel. Initially the doctors had got the patients details in the online by help of admin people in order to communicate in chat.

Modules:

1. ADMIN LOGIN
2. DOCTOR LOGIN
3. PATIENT LOGIN

MODULES DESCRIPTION:

Admin login:

Admin module is main module which aims to manage the MEDIFINE concept throughout from doctors. Clinic Registration is based on their location, Specialty, maintaining patient history, managing appointments, Create Medicine kits batched on age, gender and so on criteria on basic disease.

1. Add Doctor/ Clinic:
In this module admin adds doctor/ clinic.
2. View Doctor/ Clinic:
In this module admin view doctor/ clinic data.
3. Activate/Deactivate

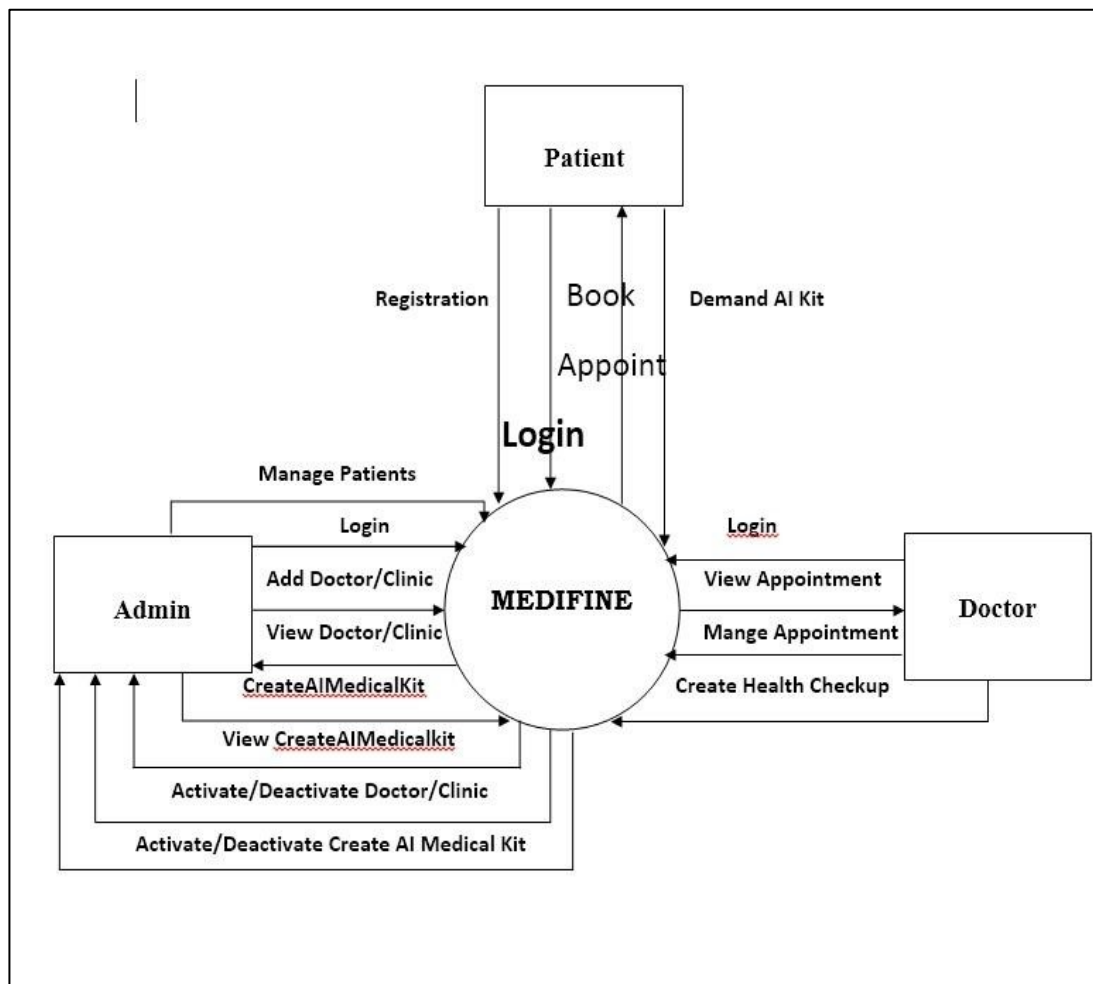
In this module admin check status of doctor/ clinic.

4. View Medical KIT
In this module admin view Medical KIT.
5. Activate/ Deactivate Medical KIT

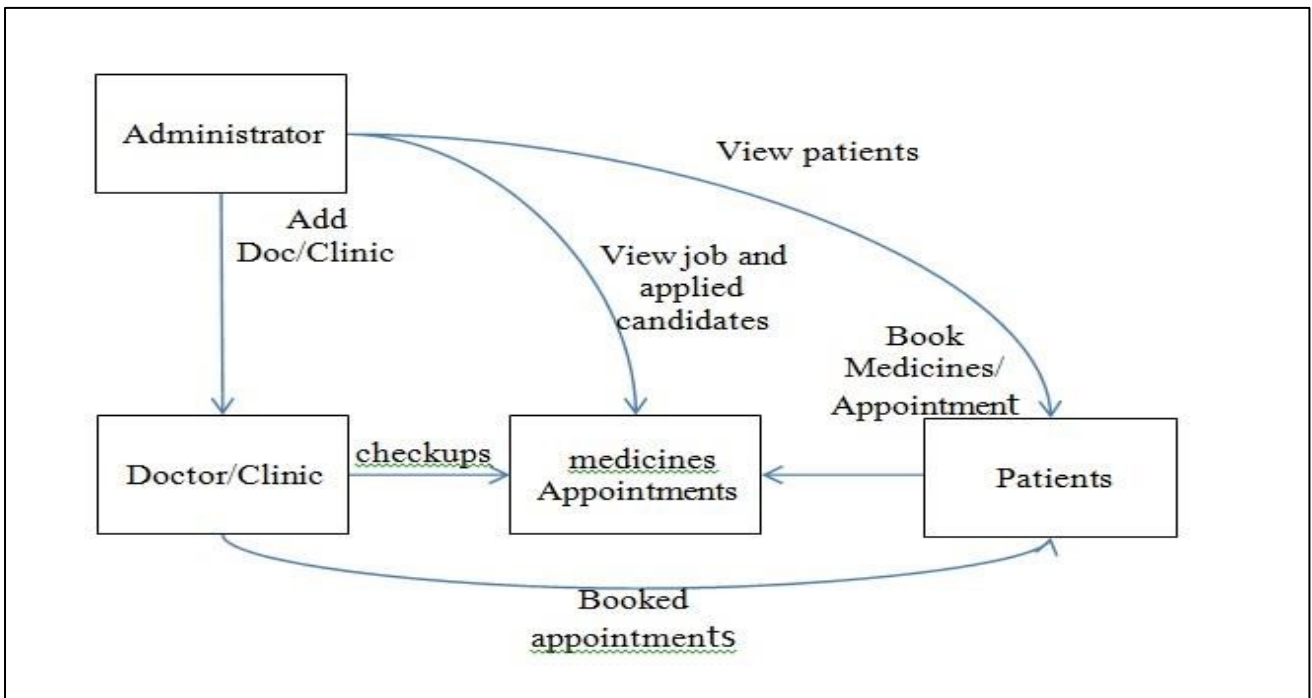
In this module admin check status of Medical KIT.

6. Manage Patients
In this module admin manages patient's data.
7. Clinic Hospital Advertisement. In this module admin advertise the Clinics and Hospitals.

6. CONCEPTUAL DESIGN

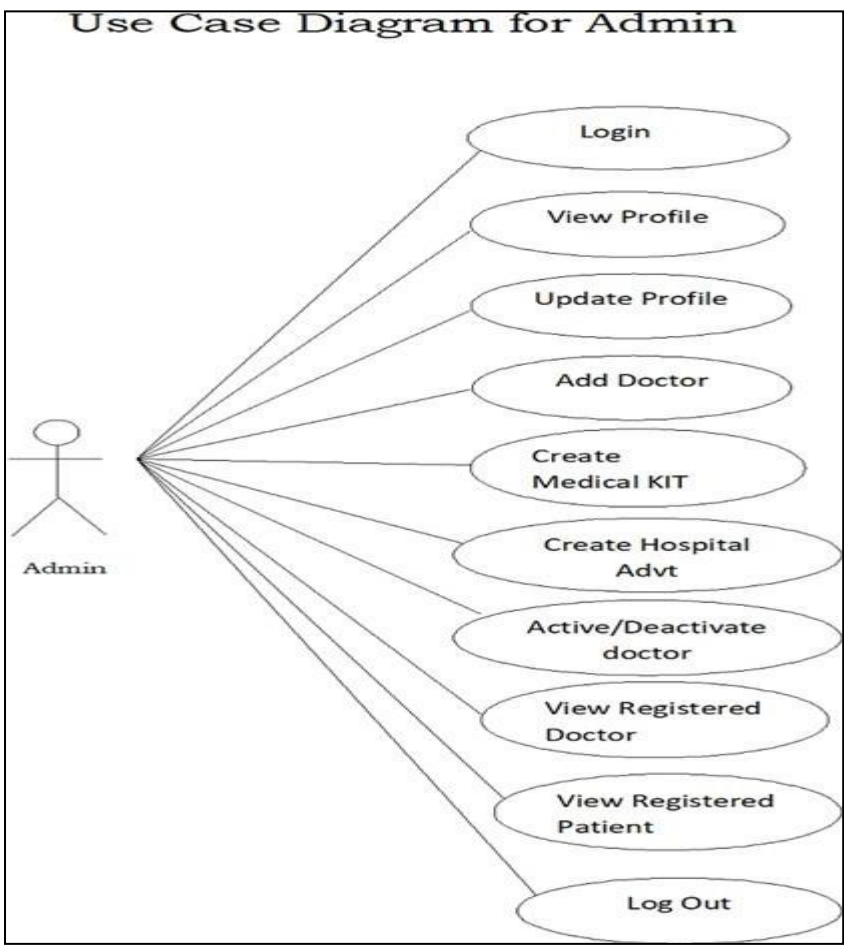


6.1 Working of System Architecture:

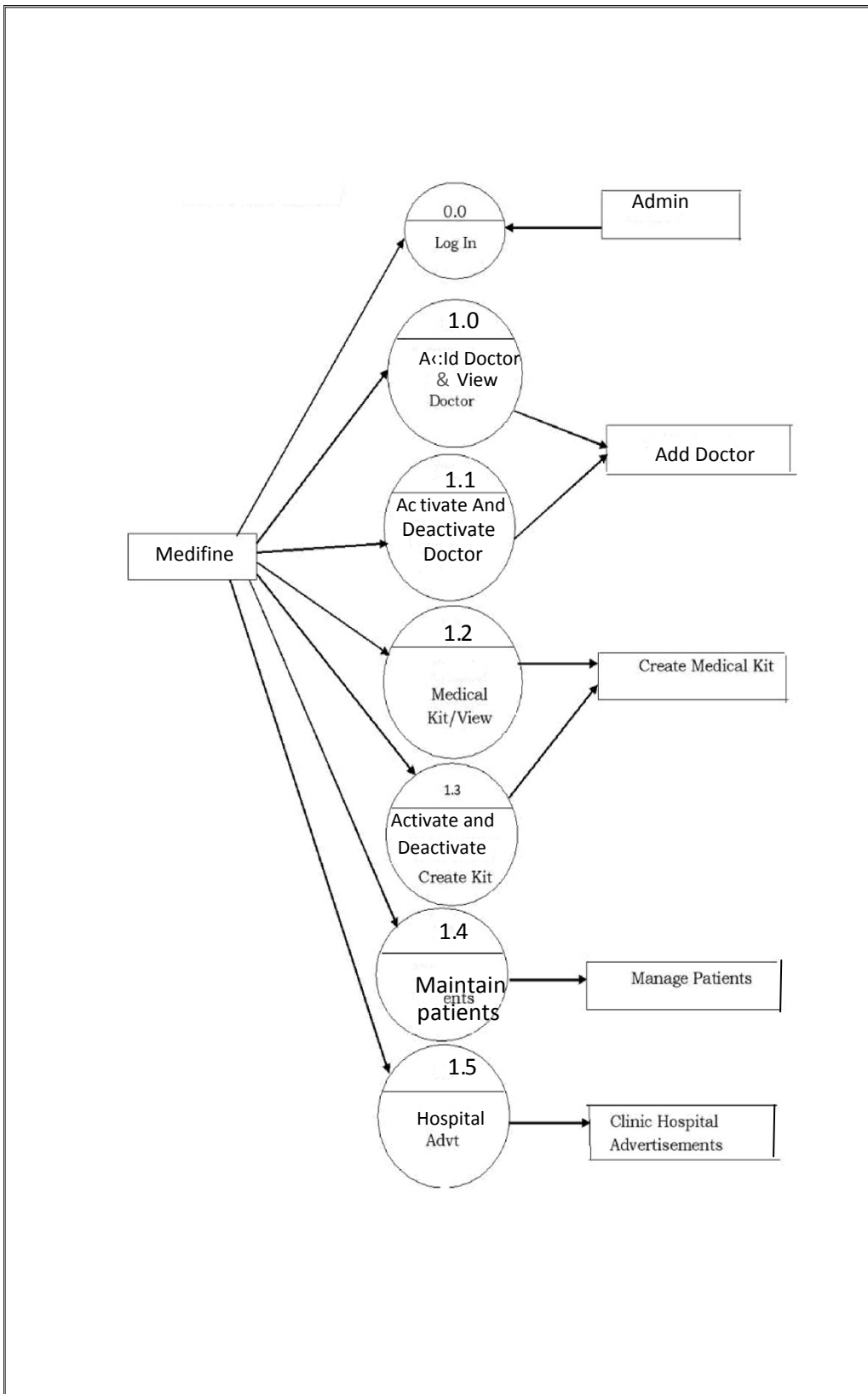


7.SCHEMATIC DIAGRAM OF PROJECT

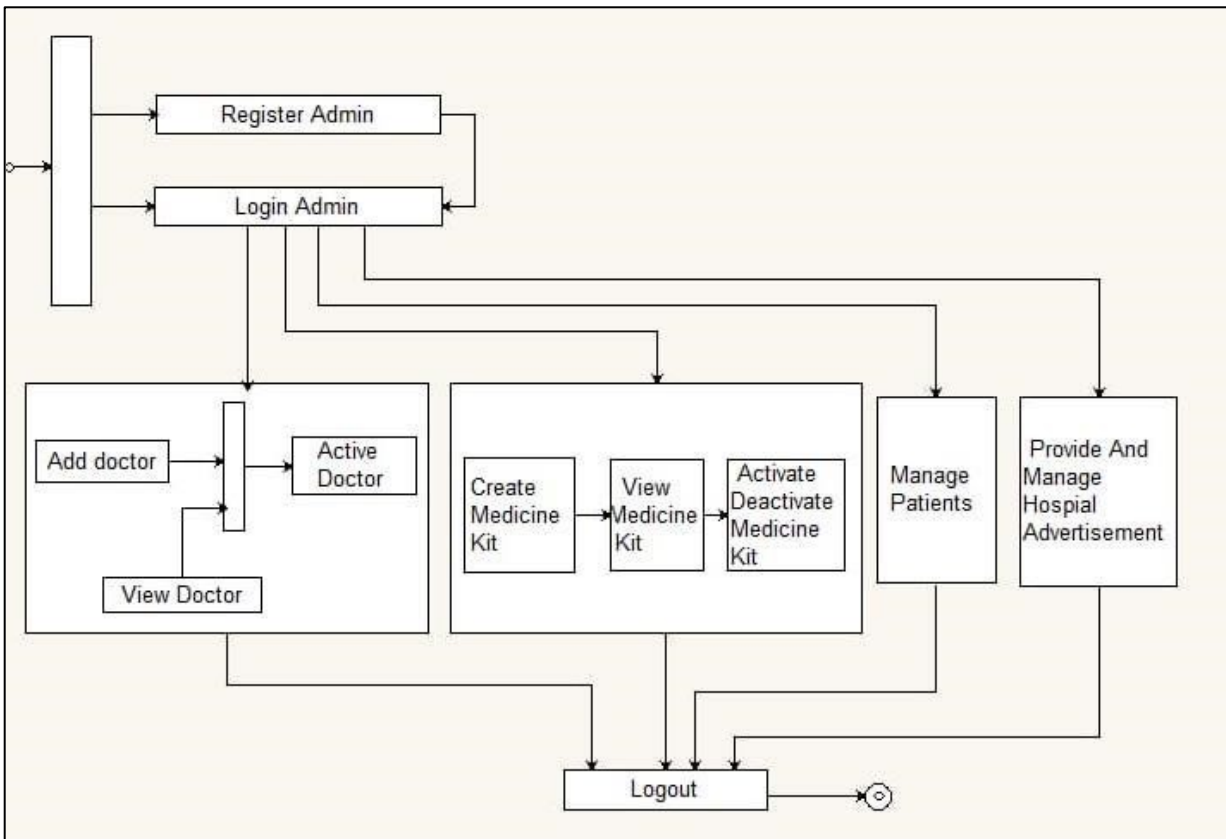
7.1 Use case diagram for admin



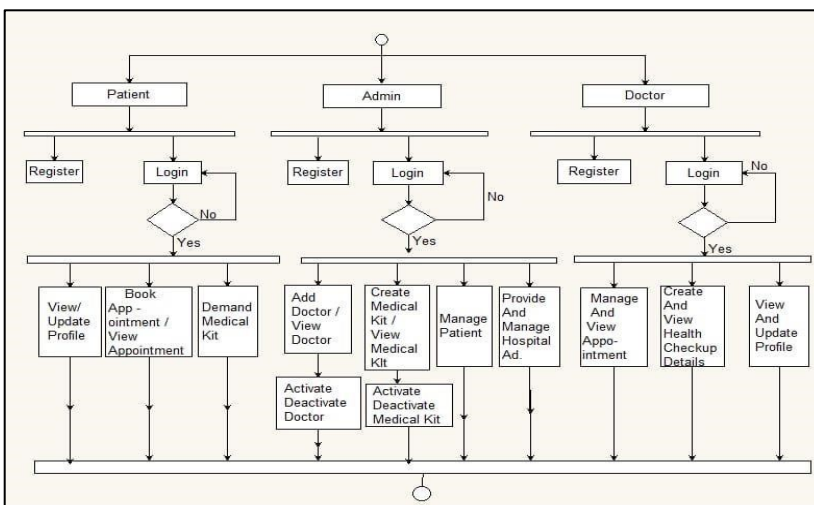
7.2 DFD For Admin



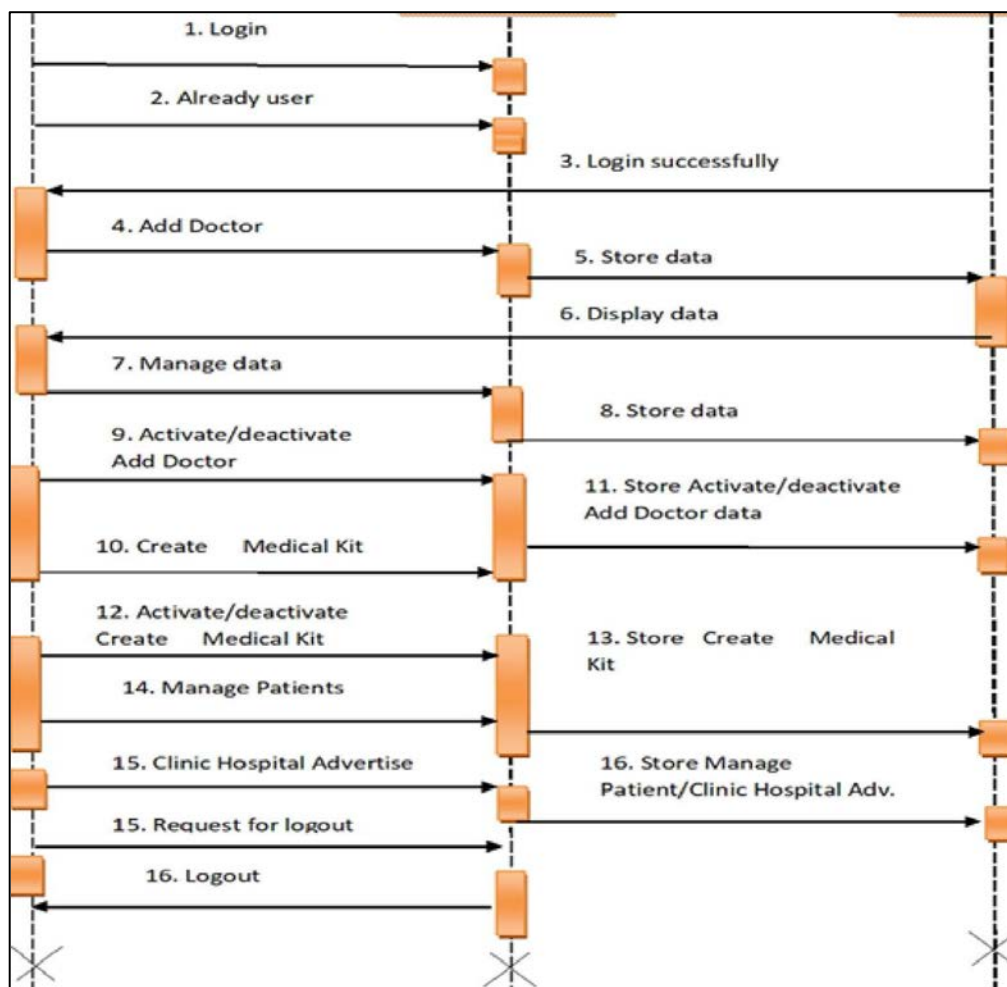
7.3 State Diagram for Admin



7.4 Activity Diagram



7.5 Sequence Diagram of Admin:



8.MATERIAL AND PARTS / HARDWARE / SOFTWARE REQUIRED

Software:

OS: Windows

Language: Web Application: - C# /ASP.NET Android Application: - Java/Android
 Client-Side Technologies: HTML5/CSS3/ JAVASCRIPT/JQUERY/BOOTSTRAP/
 Tool: Visual Studio 2012 | Android Studio
 Database: MySQL OR SQLSERVER / SQLITE

Hardware:

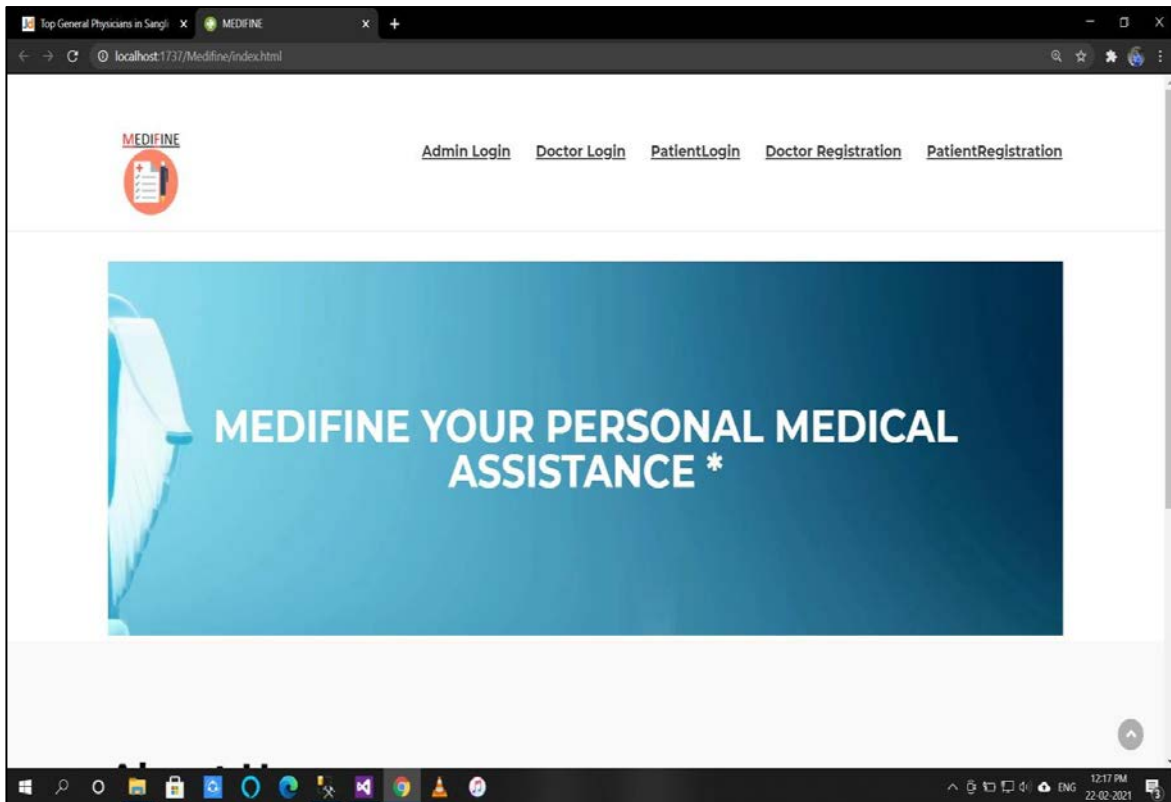
Processor: I3 2nd Generation
 Ram : 4 GB
 HD : 80 GB Minimum

9.APPROXIMATE COST OF PROJECT

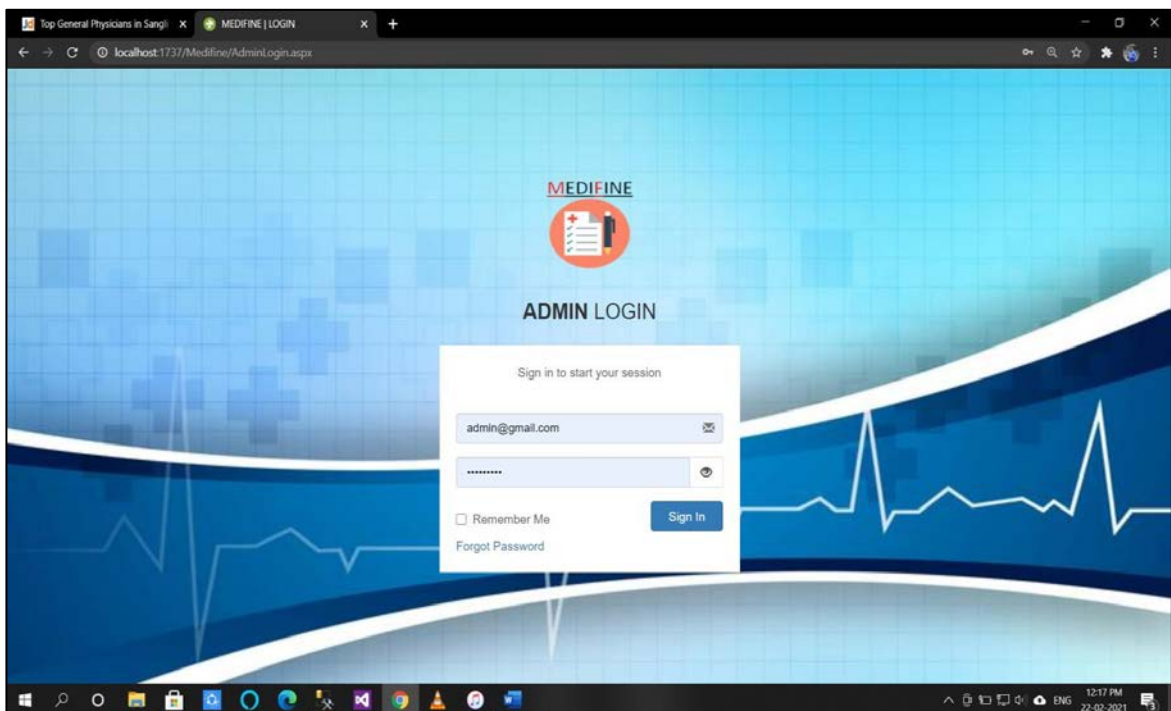
Web application Development: 7,000/-
 Cloud Storage Unlimited Shared Hosting (5,000/- Yearly Renewal)
 Domain: 1,000/- Yearly Renewal
 Hosting 30 GB Cloud Storage: 3000/- to 6000/- Yearly renewal: Total: 17,000/-

10. RESULT OF COMPLETED WORK

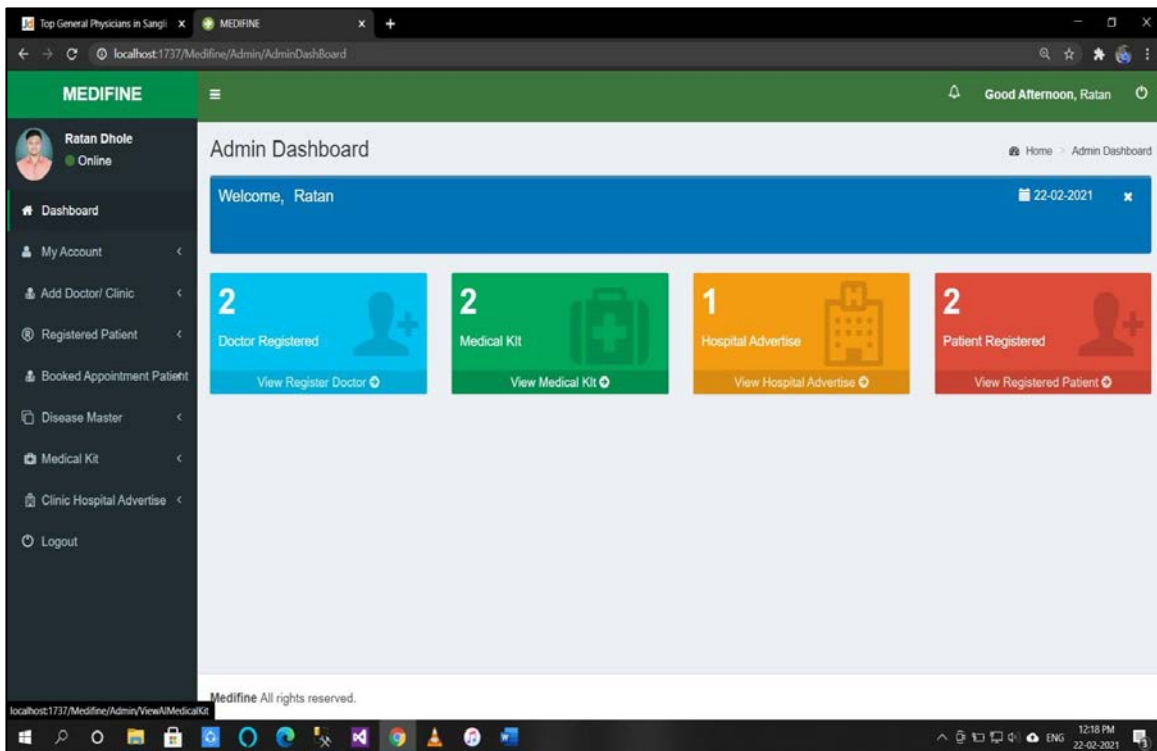
10.1 Home Page



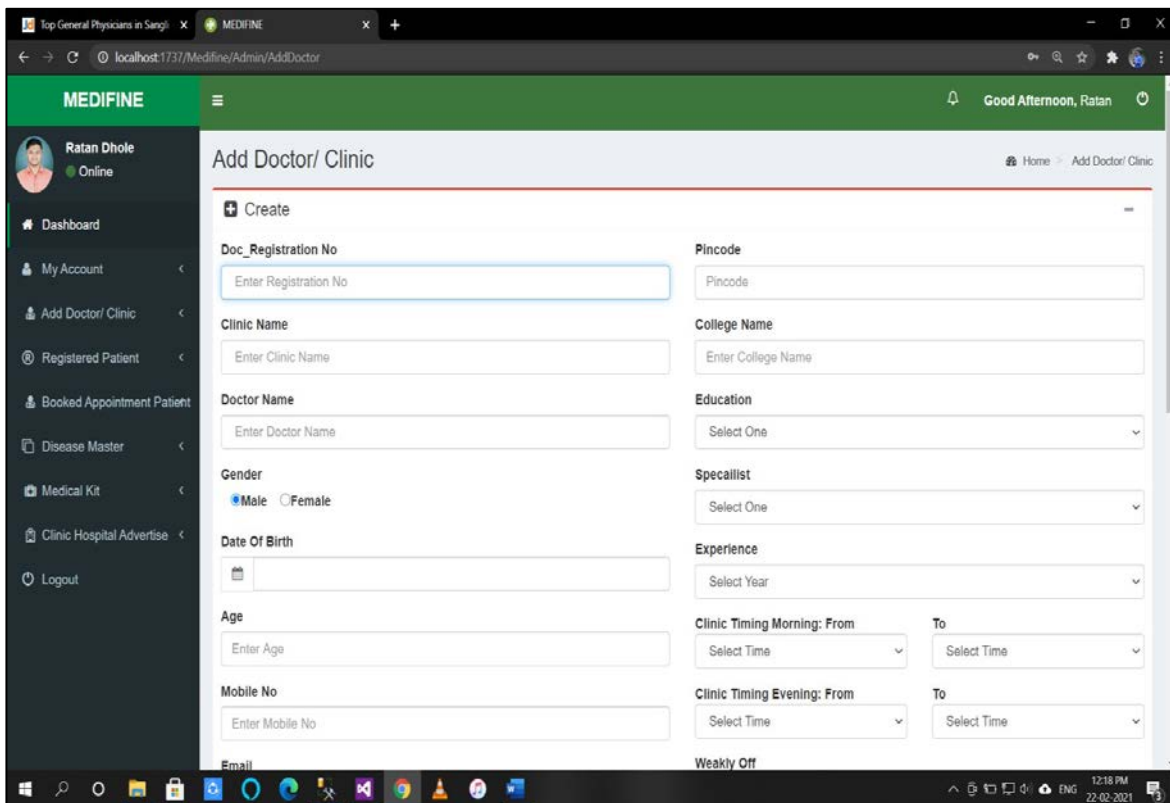
10.2 Admin Login Page



10.3 Admin Dashboard Page



10.4 Add Doctor/Clinic



10.5 Create Hospitals Advertise

The screenshot displays the 'Create Hospital Advertise' form in the MEDIFINE application. The form is structured as follows:

- Header:** MEDIFINE logo, user profile (Ratan Dhole, Online), and navigation links (Home, Clinic Hospital Advertise, Create Hospital Advertise).
- Form Fields:**
 - Doctor / Clinic Name:** A dropdown menu with 'Select Doctor Name'.
 - Subject:** A text input field labeled 'Enter Subject'.
 - Start Date:** A date picker labeled 'Enter Start Date'.
 - End Date:** A date picker labeled 'Enter End Date'.
 - Place:** A text input field labeled 'Enter Place Name'.
 - Message:** A text area labeled 'Enter Message'.
 - Criteria:** A text input field labeled 'Enter Criteria'.
- Photo Upload:** A section with a placeholder image and a question mark, a 'Choose File' button, and an 'Upload Photo' button.
- Buttons:** 'SAVE' and 'CLEAR' buttons at the bottom of the form.
- Footer:** A link to 'View Hospital Advertise List' with a notification badge showing '1'.

11. CONCLUSION ABOUT 40% WORK COMPLETED

MEDIFINE is software meant to computerize the day-to-day average small MEDIFINE activities and capable of providing easy and very effective storage information including patient registration, patient medical records, doctor's information, Test reports, which include diet advice can also be performed by the system.

The project is divided in three parts: Admin section, Doctor section and Patient section. In 40% project work we completed the Admin section. Admin can access all information about doctors and patients.

12. REFERENCES

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