**e-MEDICAL SERVICE MANAGEMENT**

## A project report submitted to Andhra University College of Engineering

## In partial fulfillment of the Requirements for the award of the Degree of

**B.TECH & M.TECH 5 YEAR INTEGRATED PG COURSE**

***IN***

**COMPUTER SCIENCE & TECHNOLOGY**

***WITH***

**SPECIALISATION IN SOFTWARE ENGINEERING**

Submitted By

**TEEGELA SIDDARDHA MEHER**

(Regd.No:108036846)

##### Under the Esteemed Guidance of

**Prof. V.VALLI KUMARI**

Department of CS & SE

Andhra University College of Engineering  
Visakhapatnam-530 003

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###### **Department of Computer Science & Systems Engineering**

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**VISAKHAPATNAM**

## Department of Computer Science & Systems Engineering

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**CERTIFICATE**

This is to certify that the Project Report entitled, “**e-MEDICAL SERVICE MANAGEMENT**”, is a bonafied record done by **TEEGELA SIDDARDHA MEHER** (REGD. NO. **108036846**) student of final year of Integrated (B.Tech+M.Tech) (SE) in the Department of Computer Science and Systems Engineering, Andhra University, Visakhapatnam. This work was done during the period **2011 – 2012** in partial fulfillment of the requirements for the award of Master of Science in Computer Science.

**PROJECT GUIDE HEAD OF THE DEPARTMENT**

**(V.VALLI KUMARI) (P.SRINIVAS RAO)**

Professor, Professor,

Department of CS & SE, Department of CS & SE,

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Andhra University, Andhra University,

Visakhapatnam. Visakhapatnam.

**DECLARATION**

**I, TEEGELA SIDDARDHA MEHER** hereby declare that the project report entitled **“e-MEDICAL SERVICE MANAGEMENT”** is an original work done at **Andhra University College of Engineering** (**Autonomous), Visakhapatnam,** submitted in partial fulfillment of the requirements for the award of B.tech & M.tech 5 years integrated PG degree (Computer Science with specialization in Software Engineering), to Andhra University College of Engineering. I assure that this project is not submitted in any other University or college.

**Place :**

**Date : T.SIDDARDHA MEHER(108036846)**

**ACKNOWLEDGEMENTS**

I wish to place on record my gratitude to a number of individuals, who have directly or indirectly made it possible to accomplish this work.

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TEEGELA SIDDARDHA MEHER

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**ABSTRACT:**

**e-MEDICAL SERVICE MANAGEMENT** is an online web application developed that is planned to bring revolution in the field of medicine. A change is needed in the way of getting services at Hospitals. So this application is developed to build a virtual home to provide the required medical services online to all the individuals. Irrespective of one’s location this application strives to provide adequate medical assistance. This web application is built to serve the cause “Health care anywhere, anytime”.

The system provides a login page for the users to access the medical services system. Based upon the type of the user that had logged in, they are directed to their appropriate home pages. New users will be able to register into the system for the first time and they can use their login name and password to sign in. The system has five types of users- Admin, Patient, Doctor, Pharmacist, Lab Assistant. Unlike other medical services that are already present online, this new system can provide round the clock services to all the users irrespective of their location. The e-Pharmacy and e-Labs which are the new additions to the system provides online pharmacy store and management of the medical reports of the patients. The Administrator of the system manages all the issues that are raised by the patients and also the credentials of the pharmacist and the lab assistants using the system. The patient will be able to take an appointment to consult a doctor and when the appointment time is reached a chat button will be enabled that will allow the patient to chat with the doctor. The doctor can check the health condition of the patients by consulting them through chat and the doctor is also provided with a feature to go through the medical reports of the patient that are managed by the lab assistant for the patient. Medicines delivery is the added advantage to the system where the patient can order the medicines prescribed by the doctor to be delivered to his/ her location. Pharmacists can check the availability of the medicines and delivery details. Lab assistant uploads the medical reports of the patients that can be accessed by doctor and the patient.