**ACKNOWLEDGEMENT**

First and foremost, I sincerely salute our esteemed institution **V.R SIDDHARTHA ENGINEERING COLLEGE** for giving me this opportunity for fulfilling my project. I am grateful to our Principal **Dr. A.V. RATNA PRASAD**, for his encouragement and support all through the way of my project.

On the submission of this Project report, I would like to extend my honour to **Dr. M. Suneetha**, Head of the Department, IT for her constant motivation and support during the course of my work.

I feel glad to express my deep sense of gratefulness to my project guide **M. Ramesh, Associate Professor** for **his** guidance and assistance in completing this project successfully.

I would also like to convey my sincere indebtedness to all faculty members, including supporting staff of the Department, friends and family members who bestowed their great effort and guidance at appropriate times without which it would have been very difficult on my part to finish the project work.

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**TABLE OF CONTENTS**

ACKNOWLEDGEMENT iii

LIST OF FIGURES vi

LIST OF TABLES vii

ABSTRACT viii

**CHAPTER-1 Introduction**  1

1.1 Origin of the Problem 1

1.2 Basic definitions and Background 2

1.3 Problem Statement 5

1.4 Related Applications 6

**CHAPTER-2 Review of Literature**  7

2.1 Literature Review 7

2.2 Summary of Literature Study 7

**CHAPTER-3 Proposed Method** 12

3.1 Design Methodology 12

3.1.1 Product Function 12

3.1.1.1 Web application 12

3.1.1.2 Mobile application 12

3.1.1.3 Backend for the application 13

3.1.1.3.1 User Characteristics 13

3.1.1.3.2 Constraints 13

3.1.1.3.3 Assumptions and Dependencies 13

3.2 System Architecture Diagram 14

3.2.1 Data Access Layer 14

3.2.1.1 Overview 14

3.2.1.2 Enhanced Data Management Capabilities 15

3.2.1.3 Optimization and Performance 15

3.2.1.4 Data Consistency and Isolation 15

3.2.1.5 Security Integration 15

3.2.1.6 Scalability and Flexibility 16

3.2.1.7 Collection ; activeappointments 16

3.2.1.8 Collection: doctorappointmentslots 18

3.2.1.9 Collection: doctors 19

3.2.1.10 Collection: doctortimeslots 22

3.2.1.11 Collection: patientfamilydetailsschemas 24

3.2.1.12 Collection: patients 24

3.2.1.13 Collection: prescriptions 25

3.2.1.14 Collection: specialists 26

3.2.1.15 Collection: patientfamilydetailsschemas 26

3.2.1.16 Collection: prescriptions 28

3.2.1.17 Collection: roles 28

3.2.1.18 Collection: specialists 28

3.2.1.19 Collection: symptomsList 28

3.2.1.20 Collection: patientfamilydetailsschemas 28

3.2.1.21 Collection: patientsDetails 28

3.2.1.22 Collection: prescriptionsDetails 39

3.2.1.23 Collection : roles 30

3.2.1.24 Collection: specialists 30

3.2.1.25 Collection: symptoms 30

3.2.1.26 Collection: symptomtitlelists 30

3.2.2 Data Storage Layer 31

3.2.2.1 Overview 31

3.2.2.2 2 Integration with AWS S3 31

3.2.2.3 File Upload Procedure 32

3.2.2.4 Procedure 32

3.2.2.5 Data Retrieval 35

3.2.2.6 Backup and Disaster Recovery 35

3.2.2.7 Compliance and Security 35

3.3 High Level Architecture Diagram 36

3.4 Database Designs 39

3.5 Work Flow Design 42

3.6 Implementation Steps 48

**CHAPTER-4 Results and Output Views** 49 4.1 Data access layer 49

4.2 Data Storage layer 52

**CHAPTER-5 Conclusion and Future work**  54

5.1 Conclusion 54

5.2 Future study 54

**REFERENCES**  55

**LIST OF FIGURES**

**Figure Page**

Figure.3.2 : System Architect 14 Figure.3.3 : Architecture of the overall proposed system 18 Figure.3.4 : Data Base Design 21 Figure.3.5 : Work flow design 29 Figure 4.1 : Mango DB database 49

Figure 4.2 : Doctor Appointment Collection 50

Figure 4.3 : Doctors collection 51

Figure 4.4 : Data storage in AWS S3 52

Figure 4.5 : AWS file image in aws s3 53

**LIST OF TABLES**

**Table Name Page**

Table 2.1 : Comparison of Web applications 8

Table 2.2.1 : Comparison of Mobile applications1 9

Table 2.2.2 : Comparison of Mobile applications2 9

**ABSTRACT**

Health Care Management System provides the benefits of booking appointments in a quick and easier way , booking medicines online , booking lab tests online where users can select doctors of their choice or users can give symptoms of their concern and book the respective doctor for the appointment which provides streamlined operations, enhanced system, control, patient care, cost control and improved profitability. HCMS is easy to use and is designed and developed to deliver real conceivable benefits to hospitals as well as patients to get treatment at their door step. The project “Health Care Management System” involves both web application and mobile application which uses NEXT JS as the front-end software for Web Application and React Native as front end which is an popular framework and can make easy connection with backend such as MONGO DB All the required modules and features have been particularly built to just fit into the requirements. Entire architecture is made flexible for Web application as well as mobile application and built using the latest technologies. It covers all the required module right from Patient Registration, Medical details, Doctor, Patient appointment, Bill, Record modification, Prescription, Doctor registration, Laboratory registration. The human body is a tremendously complex and sophisticated structure with millions of functions. All of these complex functions have been deciphered by man through his own research and trials. Medicines became a vital aspect of research as science and technology advanced. Medical science gradually evolved into an altogether new field of study and inquiry. As of now, the Health Sector consists of medical institutions such as hospitals and clinics. As a result, the health sector strives to provide the best medical facilities to the community.

**Keywords:** Consultations, Calendar, e-prescriptions, Mobile app , Schedule, Symptoms, Web application