VISVESVARAYA TECHNOLOGICAL UNIVERSITY

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A mini-project report on

HOSPITAL MANAGEMENT SYSTEM

Submitted in partial fulfillment of the requirements as a part of the DBMS Lab mini project for the award of degree of

Bachelor of Engineering
in
Information Science and Engineering

Submitted by

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CERTIFICATE

This is to certify that the DBMS mini project report entitled **HOSPITAL MANAGEMENT SYSTEM** has been successfully completed by **MADHU S GOWDA & RAGHAVENDRA P V** bearing USN **1RN17IS408 & 1RN15IS066** respectively, presently V semester student of **RNS Institute of Technology** in partial fulfillment of the requirements as a part of the DBMS Laboratory for the award of the degree ***Bachelor of Engineering in Information Science and Engineering*** under **Visvesvaraya Technological University, Belagavi** during academic year 2018 – 2019. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The mini project report has been approved as it satisfies the academic requirements as a part of DBMS Laboratory for the said degree.

_____	_____
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Name of the Examiners	**Signature with date**
1. _____	_____
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ABSTRACT

A healthcare center is looking to develop a state of patient portfolio management system which is able to track their patients' medical history. This system is to facilitate the center to retrieve, update, and report the patient information efficiently, in turn helping the doctors make timely, effective diagnoses.

So the Healthcare management system is a database management system (DBMS), which is based on computer networks, using the advanced database technology to construct, maintain, and manipulate various kinds of data in a database system (DBS). This project work can track and update all the information of recorded patients in the healthcare centre during a particular time span. The major advantages of this project are easy to retrieve and update information, efficient data sharing and communication, and reliable backup.

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ABBREVIATIONS

BOOTP	-	Bootstrap Protocol
BGP	-	Border Gateway Protocol
CMC	-	C Model Checker
DNS	-	Domain Name Service
DHCP	-	Dynamic Host Control Protocol
DART	-	Directed Automated Random Testing
D3S	-	Debugging Deployed Distributed Systems
DNSSD	-	DNS Service Discovery
D-ITG	-	Distributed Internet Traffic Generator
DNV	-	Declarative Network Verifier
IETF	-	Internet Engineering Task Force
IOT	-	Interoperability Testing
LLVM	-	Low Level Virtual Machine
MPE-SE	-	Multiple Packet Exchange – Symbolic Execution
PPP	-	Pont-to-Point Protocol
PC	-	Path Condition
RFC	-	Request for Comments
SAGE	-	Scalable, Automated Guided Execution
SM	-	Symbolic Map
SPE-SE	-	Single Packet Exchange – Symbolic Execution
TRAM	-	Tree Based Reliable Mulicast
mDNS	-	MulicastDNS