VISVESVARAYATECHNOLOGICAL UNIVERSITY

JNANA SANGAMA, BELAGAVI – 590 018

A Mini Project Report on

Vehicle Insurance Details Using B-Tree Indexing Technique

Submitted in partial fulfillment of the requirements as a part of the File Structure Lab for the award of degree of

Bachelor of Engineering

in

Information Science and Engineering

Submitted by

ABHISHEK ANAND
1RN15IS003

KESHAV MISHRA
1RN15IS043

Faculty Incharge

Mrs. Vinutha G K

Assistant Professor

Dept. of ISE, RNSIT

Department of Information Science and Engineering

RNS Institute of Technology

Channasandra, Dr. Vishnuvardhan Road, RR Nagar Post,
Bengaluru – 560 098

2017 – 2018

RNS Institute of Technology Channasandra,

Dr.Vishnuvardhan Road, RR Nagar Post, Bengaluru – 98

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that the mini project report entitled **Vehicle Insurance Details Using B-Tree indexing technique** has been successfully completed by **KESHAV MISHRA** and **ABHISHEK ANAND** bearing **USN 1RN15IS043,1RN15IS003** respectively presently VI semester students of **RNS Institute of Technology** in partial fulfillment of the requirements as a part of the **FILE STRUCTURE** Laboratory for the award of the degree of **Bachelor of Engineering in Information Science and Engineering** under **Visvesvaraya Technological University, Belagavi** during academic year 2017 – 2018. 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 File structure Laboratory for the said degree.

Mrs.Vinutha GK	Mrs.Vinutha GK	Dr M V Sudhamani
Faculty Incharge	Coordinator	Professor and HoD
Assistant Professor	Assistant Professor	

External Viva

Name of the Examiners	Signature with date
1. _____	_____
2. _____	_____

ABSTRACT

The vehicle insurance is used when a person wants to know the details of the insurance they have done of their particular vehicles. In this project we basically try to implement the prototype that shows details of the vehicle with of the B-TREE implementation.

In this project we are confined to certain brands only but in the near future we are looking forward to add all the brands in the current market this prototype also have plans on showing other details like date of insurance and the due date for renewing insurance. In this version of project the user can add the detail of the vehicle to the database. By choosing the “ADD” option from the ,menu bar, in which user is directed to the “ADDITION” window in which user is asked to enter the further details of the vehicle. After the addition of the detail get saved in the in the respective file which can be further retrieved using the “Display” from the menu . All the Insertion, deletion and updation are done using the B-TREE technique

A B-Tree of simple indexes on the primary key is used to provide direct access to the data records. Each node in the B-Tree consist of a primary key and reference pair of fields. The primary key field is the CN field while the reference field is the starting byte offset of the matching record in the data file, with one B-Tree of indexes per vehicle record data file.

ACKNOWLEDGMENT

The fulfillment and rapture that go with the fruitful finishing of any assignment would be inadequate without the specifying the people who made it conceivable, whose steady direction and support delegated the endeavors with success.

We would like to profoundly thank Management of RNS Institute of Technology for providing such a healthy environment to carry out this Project work.

We would like to thank our beloved Director **Dr. H N Shivashankar** for his confidence feeling words and support for providing facilities throughout the course.

We would like to express my thanks to our Principal **Dr. M K Venkatesha** for his support and inspired me towards the attainment of knowledge.

We wish to place on record my words of gratitude to **Dr. M V Sudhamani**, Professor and Head of the Department, Information Science and Engineering, for being the enzyme and master mind behind my Project work.

We would like to express my profound and cordial gratitude to our Faculty incharge **Mrs.Vinutha G K** , Assistant Professor, Department of Information Science and Engineering for her valuable guidance, constructive comments and continuous encouragement throughout the Project work.

And lastly, We would hereby acknowledge and thank my parents who have been a source of inspiration and also instrumental in carrying out this Project work.

ABHISHEK ANAND
1RN15IS003
KESHAV MISHRA
1RN15IS043

LIST OF FIGURES

LIST OF TABLES

TABLE OF CONTENTS