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

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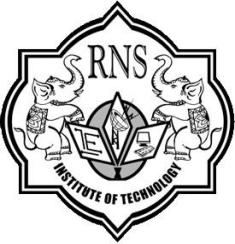
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CERTIFICATE

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.

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Name of the Examiners Signature with date

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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.

i

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ii

LIST OF FIGURES

|  |  |  |
| --- | --- | --- |
| **Fig. No**. | **Descriptions** | **Page** |
| Fig. 3.1 | Class vinsurance. | 9 |
| Fig 3.2 | User Menu Screen | 9 |
| Fig. 3.3 | B-tree class. | 12 |
| Fig. 4.1 | Insertion function | 14 |
| Fig. 4.2 | Traversal function | 15 |
| Fig. 4.3 | Dispbtree function | 15 |
| Fig. 4.4 | Deletion function | 15 |
| Fig. 4.5 | Searching function | 16 |
| Fig. 4.6 | Modify function | 16 |
| Fig. 4.7 | Write fuction | 17 |
| Fig. 4.8 | Integration test case for insertion module | 18 |
| Fig. 4.9 | Insertion test case | 19 |
| Fig. 4.10 | Integration test case for deletion | 20 |
| Fig. 4.11 | Integration for search module | 21 |
| Fig. 4.12 | Test case for modify module | 22 |
| Fig. 4.13 | Display of unsorted data | 23 |
| Fig. 4.14 | User Menu screen | 24 |
| Fig. 4.15 | Insertion Screen | 24 |
| Fig. 4.16 | Search for a record | 25 |
| Fig. 4.17 | Display of records after modification | 25 |
| Fig. 4.18 | Index file contents | 25 |

iv

LIST OF TABLES

|  |  |  |
| --- | --- | --- |
| Table. No. | Descriptions | Page |
| Table. 4.1 | Unit test caas efor chassis no input check | 17 |
| Table. 4.2 | Integration test case for isertion module | 18 |
| Table. 4.3 | Test case for insertion module | 18 |
| Table. 4.4 | Integration test case for deletion module | 19 |
| Table. 4.5 | Integration test case for search module | 20 |
| Table. 4.6 | Test case for search module | 21 |
| Table. 4.7 | Integration test case for modify module | 21 |
| Table. 4.8 | Test case for modify module | 22 |
| Table. 4.9 | System test cases for vehicle insurance details | 23 |

v

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chapter**  **TABLE OF CONTENTS** |  |  | | | **Chapter Name** | | | | | **Page No.** | |
| **No.** |  |  | | |  | | | | |  | |
|  |  | | | | | | | | |  | |
|  | **CERTIFICATE** | | | | | | | | |  | |
|  |  | | | | | | | | |  | |
|  | **ABSTRACT** | | | | | | | | | **i** | |
|  |  | | | | | | | | |  | |
|  | **ACKNOWLEDGEMENT** | | | | | | | | | **ii** | |
|  |  | | | | | | | | |  | |
|  | **TABLE OF CONTENTS** | | | | | | | | | **iii** | |
|  |  | | | | | | | | |  | |
|  | **LIST OF FIGURES** | | | | | | | | | **iv** | |
|  |  | | | | | | | | |  | |
|  | **LIST OF TABLES** | | | | | | | | | **v** | |
|  |  | | | | | | | | |  | |
| **1** | **INTRODUCTION** | | | | | | | | | **1** | |
|  |  |  | | | | | | | |  | |
|  | 1.1 | Introduction to File Structure | | | | | | | | 1 | |
|  |  |  | | | | |  | | |  | |
|  |  | 1.1.1 | | | | | History | | | 1 | |
|  |  |  | | | | |  | | |  | |
|  |  | 1.1.2 | | | | | About the File | | | 2 | |
|  |  |  | | | | |  | | |  | |
|  |  | 1.1.3 | | | | | Various Kinds of storage of Fields and Records | | | 2 | |
|  |  |  | | | | |  | | |  | |
|  |  | 1.1.4 | | | | | Application of File Structure | | | 5 | |
|  |  | | | | | | | | |  | |
| **2** | **SYSTEM ANALYSIS** | | | | | | | | | **6** | |
|  |  | |  | | | | | | |  | |
|  | 2.1 | | Analysis of Application | | | | | | | 6 | |
|  |  | |  | | | | | | |  | |
|  | 2.2 | | Structure used to Store the Fields and Records | | | | | | | 7 | |
|  |  | |  | | | | | | |  | |
|  | 2.3 | | Operations Performed on a File | | | | | | | 7 | |
|  |  | |  | | | | | | |  | |
|  | 2.4 | | Indexing Used | | | | | | | 8 | |
|  |  | |  | | | | | | |  | |
| **3** | **SYSTEM DESIGN** | | | | | | | | | **9** | |
|  |  |  | | | | | | | |  | |
|  | 3.1 | Design of the Fields and Records | | | | | | | | 9 | |
|  |  |  | | | | | | | |  | |
|  | 3.2 | User Interface | | | | | | | | 9 | |
|  |  |  | | |  | | | | |  | |
|  |  | 3.2.1 | | | Insertion of a Record | | | | | 10 | |
|  |  |  | | |  | | | | |  | |
|  | 3.2.2 | | | Deletion of a Record | | | | | | 10 | |
|  |  | | |  | | | | | |  | |
|  | 3.2.3 | | | Display of a Record | | | | | | 10 | |
|  |  | | |  | | | | | |  | |
|  | 3.2.4 | | | Search of a Record | | | | | | 10 | |
|  |  | | | | | | | | |  | |
|  | 3.2.5 Modify of a Record | | | | | | | | | 11 | |
|  |  | | | | | | | | |  | |
|  | 3.2.6 Design of Index | | | | | | | | | 11 | |
|  |  | | | | | | | | |  | |
| **4** | **IMPLEMENTATION** | | | | | | | | | **13** | |
|  |  | | | | | | | | |  | |
|  | 4.1 About C++ | | | | | | | | | 13 | |
|  |  | | | | | |  | | |  | |
|  | 4.1.1 | | | | | | Classes and Objects | | | 13 | |
|  |  | | | | | | | | |  | |
|  | 4.1.2 Dynamic Memory Allocation and Pointers | | | | | | | | | 13 | |
|  |  | | | | | | |  | |  | |
|  | 4.1.3 | | | | | | | File Handling | | 13 | |
|  |  | | | | | | |  | |  | |
|  | 4.1.4 | | | | | | | Character Arrays and Character functions | | 14 | |
|  |  |  | | | | | | | |  | |
|  | 4.2 | Pseudocode | | | | | | | | 14 | |
|  |  |  | | | | |  | | |  | |
|  |  | 4.2.1 | | | | | Insertion Module Pseudocode | | | 14 | |
|  |  |  | | | | | | | |  | |
|  |  | 4.2.2 Display Module Pseudocode | | | | | | | | 15 | |
|  |  |  | | | | | | | |  | |
|  |  | 4.2.3 Deletion Module Pseudocode | | | | | | | | 15 | |
|  |  |  | | | | | | | |  | |
|  |  | 4.2.4 Search Module Pseudocode | | | | | | | | 16 | |
|  |  |  | | | | | | | |  | |
|  |  | 4.2.5 Modify Module Pseudocode | | | | | | | | 16 | |
|  |  |  | | | | | | | |  | |
|  |  | 4.2.6 Indexing Pseudocode | | | | | | | | 17 | |
|  |  |  | |  | | | | | |  | |
|  | 4.3 | Testing | | | | | | | | 17 | |
|  |  |  | | | | | |  | |  | |
|  |  | 4.3.1 | | | | | | Unit Testing | | 17 | |
|  |  |  | | | | | |  | |  | |
|  |  | 4.3.2 | | | | | | Integration Testing | | 18 | |
|  |  |  | | | | | |  | |  | |
|  |  | 4.3.3 | | | | | | System Testing | | 23 | |
|  |  |  | | | | | | | |  | |
|  | 4.4 | Discussion of Results | | | | | | | | 24 | |
|  |  | | | | | | | | |  | |
|  | 4.4.1 Menu Options | | | | | | | | | 24 | |
|  |  | | | | | | | |  |  | |
|  | 4.4.2 | | | | | | | | Insertion | 24 | |
|  |  | | | | | | | |  |  | |
|  | 4.4.3 | | | | | | | | Searching | | 25 | |
|  |  | | | | | | | |  | |  | |
|  | 4.4.4 | | | | | | | | Before and after modification | | 25 | |
|  |  | | | | | | | |  | |  | |
|  | 4.4.5 | | | | | | | | Vehicle Record | | 27 | |
|  |  | | | | | | | | | |  | |
| **5** | **CONCLUSION AND FUTURE ENHANCEMENTS** | | | | | | | | | | **26** | |
|  |  | | | | | | | | | |  | |
|  | **REFERENCES** | | | | | | | | | | **27** | |
|  |  | | | | |  | | | | |  | |