**ONLINE TYRE SHOPPING PLATFORM FOR SAKTHI TYRES**



**PROJECT REPORT**

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***the award of the degree of***

**BACHELOR OF SCIENCE**

**IN**

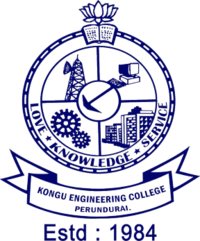
**INFORMATION SYSTEMS**

**DEPARTMENT OF COMPUTER TECHNOLOGY – UG**

**KONGU ENGINEERING COLLEGE**

**(Autonomous)**

**PERUNDURAI, ERODE – 638 060**

****

**OCTOBER 2024**

**DEPARTMENT OF COMPUTER TECHNOLOGY – UG**

**KONGU ENGINEERING COLLEGE**

**(Autonomous)**

**PERUNDURAI, ERODE – 638 060**

**OCTOBER 2024**

**BONAFIDE CERTIFICATE**

This is to certify that the project report titled **“ONLINE TYRE SHOPPING PLATFORM FOR SAKTHI TYRES”** is the approved record of project work done by **GOWTHAM PRASATH T** **(****REG. NO: 22BIR014)** ,**LOGITH K** **(REG. NO: 22BIR027)** and **THARNISH P** **(REG. NO: 22BIR053)** in partial fulfillment for the award of Degree of Bachelor of Science in **INFORMATION SYSTEMS** of Anna University, Chennai during the academic year 2024-2025.

**SUPERVISOR** **HEAD OF THE DEPARTMENT**

**(Signature with seal)**

**Date:**

Submitted for the end semester viva-voce examination held on \_\_\_\_\_\_\_\_\_\_\_

**INTERNAL EXAMINER EXTERNAL EXAMINER**

**DECLARATION**

We affirm that the project titled **“ONLINE TYRE SHOPPING PLATFORM FOR SAKTHI TYRES”** being submitted in partial fulfillment of the requirements for the award of **B.Sc. Degree in INFORMATION SYSTEMS** is the original work carried out by us. It has not formed part of any other project submitted for award of any degree, either in this or any other University.

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I certify that the declaration made above by the candidates is true to the best of my knowledge.

**Date:** **Name and Signature of the Supervisor**

**ABSTRACT**

The project was entitled **“ONLINE TYRE SHOPPING PLATFORM FOR SAKTHI TYRES”** a Web application. It was created to completely transform the way tyre companies operate. In the current environment, it frequently slows down productivity with manual processes and fragmented systems, resulting in delays.

To overcome this problem, we are going to propose a web application for this shop by including essential modules like Tyre Management, Customer Management, Billing, Reporting and Analytics, Maintenance Tracking, User Authentication, Manage web pages and also very user-friendly experience.

This web application provides an easy and convenient way for users to search for available tires across various brand categories. If a customer is interested, they can book a tire directly through the website.

For the Front-End Development, an engaging user interface is built using React.JS, along with CSS and JavaScript. For the Back-End, Express.JS and Node.JS are used to handle server-side logic, while MongoDB serves as the database to manage and store tyre listings, bookings, and customer information.

**ACKNOWLEDGEMENT**

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We express our deep sense of gratitude and profound thanks to **Dr.S.KALAISELVI MCA., ME., Ph.D.,** Head of the Department, Computer Technology-UG for her invaluable commitment and guidance for this project.

We are in immense pleasure to express our hearty thanks to our beloved Coordinator **Ms.D.NANTHIYA BE., ME.,** and our project guide **MR.B.RAVISANKAR BE., ME.,** for providing valuable guidance and constant support throughout the course of our project. We also thank the teaching, non- teaching staff members, fellow students and our parents who stood with us to complete our project successfully.

**TABLE OF CONTENTS**

|  |  |  |
| --- | --- | --- |
| **CHAPTER  No.** | **TITLE** | **PAGE  No.** |
|  | **ABSTRACT** | **iv** |
|  | **LIST OF FIGURES** | **viii** |
|  | **LIST OF ABBREVIATIONS** | **ix** |
| **1** | **INTRODUCTION** | **1** |
|  | 1.1 OVERVIEW OF THE PROJECT | **1** |
|  | 1.2 PROBLEM DEFINITION | **1** |
|  | 1.3 OBJECTIVE OF THE PROJECT | **2** |
| **2** | **SYSTEM ANALYSIS** | **3** |
|  | 2.1 EXISTING SYSTEM | **3** |
|  | 2.1.1 DRAWBACKS OF EXISTING SYSTEM | **3** |
|  | 2.2 PROPOSED SYSTEM | **3** |
|  | 2.2.1 ADVANTAGES OF PROPOSED SYSTEM | **4** |
|  | 2.3 FEASIBILITY STUDY | **4** |
|  | 2.3.1 TECHNICAL FEASIBILITY | **5** |
|  | 2.3.2 OPERATIONAL FEASIBILITY | **5** |
|  | 2.3.3 ECONOMIC FEASIBILITY | **5** |
| **3** | **SYSTEM SPECIFICATION** | **6** |
|  | 3.1 HARDWARE SPECIFICATION | **6** |
|  | 3.2 SOFTWARE SPECIFICATION | **6** |
|  | 3.2.1 FRONT END | **6** |
|  | 3.2.1.1 HTML | **6** |
|  | 3.2.1.2 CSS | **7** |
|  | 3.2.1.3 JAVASCRIPT | **7** |
|  | 3.2.1.4 REACT JS | **8** |
|  | 3.2.2 BACK END | **8** |
|  | 3.2.2.1 MONGO DB | **8** |
|  | 3.2.2.1 NODE JS | **9** |
| **4** | **SYSTEM DESCRIPTION** | **10** |
|  | 4.1 MODULE DESCRIPTION | **10** |
|  | 4.1.1 LOGIN / REGISTER MODULE | **10** |
|  | 4.1.2 HOME MODULE | **10** |
|  | 4.1.3 PRODUCT MODULE | **11** |
|  | 4.1.4 CART MODULE | **11** |
|  | 4.1.5 CONTACT MODULE | **11** |
|  | 4.1.6 PAYMENT MODULE | **12** |
|  | 4.1.7 EDIT PROFILE MODULE | **12** |
|  | 4.1.8 ADMIN MODULE | **12** |
|  | 4.2 USE CASE DIAGRAM | **13** |
|  | 4.3 SYSTEM FLOW DIAGRAM | **14** |
|  | 4.4 DATA FLOW DIAGRAM | **15** |
|  | 4.4.1 DATA FLOW DIAGRAM (LEVEL 0) | **15** |
|  | 4.4.2 DATA FLOW DIAGRAM (LEVEL 1) | **15** |
|  | 4.5 DATABASE DESIGN | **16** |
|  | 4.6 INPUT DESIGN | **18** |
|  | 4.7 OUTPUT DESIGN | **19** |
| **5** | **SYSTEM TESTING** | **20** |
|  | 5.1 UNIT TESTING | **20** |
|  | 5.2 INTEGRATION TESTING | **21** |
|  | 5.3 VALIDATION TESTING | **21** |
| **6** | **SYSTEM IMPLEMENTATION** | **23** |
| **7** | **CONCLUSION & FUTURE ENHANCEMENTS** | **25** |
|  | 7.1 CONCLUSION | **25** |
|  | 7.2 FUTURE ENHANCEMENTS | **25** |
|  | **APPENDIX 1- SAMPLE CODING** | **26-51** |
|  | **APPENDIX 2- SCREEN SHOTS** | **52-55** |
|  | **REFERENCES** | **56** |

**LISTS OF FIGURES**

|  |  |  |
| --- | --- | --- |
| **CHAPTER  No.** | **TITLE** | **PAGE  No.** |
| **4.2** | Use case diagram | **13** |
| **4.3** | System flow diagram | **14** |
| **4.4.1** | Data flow diagram level 0 | **15** |
| **4.4.2** | Data flow diagram level 1 | **15** |
| **A 2.1** | Home Page | **53** |
| **A 2.2** | Cart Page | **53** |
| **A 2.3** | Product Page | **54** |
| **A 2.4** | Edit Profile Page | **54** |
| **A 2.5** | Admin Page | **55** |
| **A 2.6** | Manage Users Page | **55** |
| **A 2.7** | Manage Product Page | **55** |

**LISTS OF TABLES**

|  |  |  |
| --- | --- | --- |
| **CHAPTER  No.** | **TITLE** | **PAGE  No.** |
| **4.5.1** | users | **16** |
| **4.5.2** | tyres | **16** |
| **4.5.2** | carts | **17** |
| **4.5.3** | orders | **17** |

**LISTS OF ABBREVATIONS**

|  |  |
| --- | --- |
| **ABBREVATIONS** | **TITLE** |
| **HTML** | Hypertext Markup Language |
| **CSS** | Cascading Style Sheet |
| **JSON** | JavaScript Object Notation |
| **JS** | JavaScript |