**DECLARATION**

We hereby declare that this study entitled **Tourist Management System** is based on our original research work. Related works on the topic by other researchers have been duly acknowledged. We owe all the liabilities relating to the accuracy and authenticity of the data and any other information included hereunder.

|  |  |  |
| --- | --- | --- |
| **Full Name of Student** | **PU Registration No.** | **Signature** |
| Siddharth Kumar Yadav | 2023-1-53-0222 |  |
| Raghav panthi | 2023-1-53-0370 |  |
| Shishir Devkota | 2023-1-53-0220 |  |
| Shuprabha Mainali | 2023-1-53-0221 |  |

Date:…………..

**CERTIFICATE**

**ACKNOWLEDGEMENTS**

In the completion of this project entitled "Tourist Management System" all the members of the group equally contributed. Foremost, we would like to thank **School of Environmental Science and Management** for assigning this type of project would help in our future development. We are also thankful to **Mr. Sumant Yadav,** the project supervisor who cooperated and provided information about the project, and without his supervision we would not have been able to get up to this level of the project.

We also like to express our sincere thanks to **Mr.** [**Kripesh Lamichhane**](https://www.linkedin.com/in/kripeshreddevil/overlay/about-this-profile/) Coding Teacher for his help and interest in our project and also for providing us with his valuable suggestions for the improvement of this project. Last but not the least; we would like to express our gratitude to all our teachers, seniors, and friends for their support and guidance.

|  |
| --- |
| **Siddharth Kumar Yadav**  **PU Registration No:** 2023-1-53-0222 |
| **Raghav Panthi**  **PU Registration No:** 2023-1-53-0370 |
| **Shishir Devkota**  **PU Registration No:** 2023-1-53-0220 |
| **………………………………………………………………………**  **Shuprabha Mainali**  **PU Registration No:** 2023-1-53-0221 |

Date:…………………….

**ABSTRACT**

This abstract presents the development of a **Tourist Management System (TMS)** implemented using the **C** programming language. The system aims to streamline and automate the processes involved in managing tourist information, including bookings, destination management, and customer service. The **TMS** provides functionalities for adding, updating, viewing, and deleting tourist records, as well as managing destination details. The system emphasizes performance and reliability, offering a cost-effective solution for small to medium-sized tourism agencies. The project demonstrates the capabilities of the **C** language in creating robust management systems and serves as a practical example for educational purposes in software development courses.

In summary, the Tourist Management System enhances operational efficiency and improves customer satisfaction by automating critical tourism management functions, showcasing the effectiveness of **C** programming in developing practical, real-world applications.

**Keywords**: Tourist Management System, C language, Automation, Tourism Management.

**Table of content**

|  |  |  |
| --- | --- | --- |
| **Title** |  | **Page** |
| Declaration |  | i |
| Certificate |  | ii |
| Acknowledgements |  | iii |
| Abstract |  | iv |
| Table of contents |  | v |
| List of figures |  | vi |
| List of Appendices |  | vii |
| Abbreviations |  | viii |
| **CHAPTER 1** |  |  |
| INTRODUCTION |  |  |
| 1.1. Background |  | 1 |
| 1.2. Statement of problem |  | 2 |
| 1.3. Project objectives |  | 2 |
| 1.4. Limitation |  | 3 |
| **CHAPTER 2** |  | 4 |
| LITERATURE REVIEW |  | 5 |
| **CHAPTER 3** |  |  |
| METHODOLOGY |  |  |
| 3.1. Planning Phase |  | 7 |
| 3.2. Requirement Analysis Phase |  | 7 |
| 3.3. System Design Phase |  | 7 |
| 3.4. System Development Phase |  | 7 |
| 3.5. Testing phase |  | 8 |
| 3.6. Flowchart |  | 9 |
| 3.7. Data Flow Diagram |  | 11 |
| CHAPTER 4 |  |  |
| OUTCOMES |  |  |
| 4.1. Outcomes |  | 12 |
| CHAPTER 5 |  |  |
| CONCLUSION AND FUTURE WORKS |  |  |
| 5.1. Conclusion |  | 14 |
| 5.2. Future works |  | 14 |
| REFERENCES |  | 14 |
| APPENDICES |  | 15 |

**List of figures**

|  |  |
| --- | --- |
| **Title** | **Page** |
| Figure 3.1: Methodology of TMS | 5 |
| Figure 3.2: Flowchart of TMS | 9 |
| Figure 3.3: Level 0 DFD of TMS | 10 |
| Figure 3.4: Level 1 DFD of TMS | 11 |

**List of Appendices**

|  |  |
| --- | --- |
| **Title** | **Page** |
| 1. Main Menu | 13 |
| 1. Add new tourists | 13 |
| 1. Delete record of tourist | 13 |
| 1. View tourist data by ticket number | 14 |
| 1. View all tourist data | 14 |
| 1. Add New destination using Key | 14 |
| 1. After adding new destination | 15 |
| 1. Exit the program | 15 |
| 1. File view tourist.csv | 15 |

**Abbreviations**

|  |
| --- |
| CUI: Character User Interface |
| GUI: Graphical User Interface |
| IDE: Integrated Development Environment |
| DFD: Data Flow Diagram |
| PMI: Project Management Institute |
| UAT: User Acceptance Testing |