Minor Project Report

**Write the Title of the project**

**BACHELOR OF TECHNOLOGY**

**IN**

**COMPUTER SCIENCE ENGINEERING - IOT**

SUBMITTED BY

**NAME OF STUDENT (ROLL NO)**

**(GROUP NO : )**

Under the Supervision of

**Mr. Supervisor Name**

Assistant Professor



May 2023

**DEPARTMENT OF CSE-IOT**

SCHOOL OF CSE EMERGING TECHNOLOGIES, NIET, GREATER NOIDA

**CERTIFICATE**

This is to certify that the project report entitled **TITLE OF PROJECT** submitted by **STUDENT NAME** to the Department of Computer Engineering, Internet of Things, NIET as a minor project report for **B.Tech in (Computer Engineering-IOT)** is a *bona fide* record of project work carried out by him/her under my/our supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

Supervisor Name

(Assistant Professor)

Department of Computer Engineering (IOT)

Counter signature of HOD with seal

May, 2023

New Delhi

**DECLARATION**

I declare that this project report titled **TITLE OF PROJECT** submitted as minor project report for **B. Tech in (Computer Engineering-IOT)** is a record of original work carried out by me under the supervision of Supervisor Name, and has not formed the basis for the award of any other degree, in this or any other Institution or University. In keeping with the ethical practice in reporting scientific information, due acknowledgements have been made wherever the findings of others have been cited.

Greater Noida- STUDENT NAME

May, 2022

**ACKNOWLEDGMENTS**

This project consumed huge amount of work, research and dedication. Its implementation would not have been possible if, i did not have a support of many individuals. Therefore, I would like to extend our sincere gratitude to all of them. First of all, I am thankful to our supervisor **Mr. Supervisor Name** for providing necessary guidance concerning projects implementation.

I place on record, my profound sense of gratitude to **HOD Name** , professor & head, department of computer engineering (IOT) to give me an opportunity to enhance my technical skills and valuable suggestions in this project.

I also want to thank to all who directly or indirectly, have lent their helping hand in this project.

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I would like to express my sincere thanks towards volunteer researchers who devoted their time and knowledge in the implementation of this project.

STUDENT NAME

**ABSTRACT**

This Report paper explores the development and evaluation of an educational website focused on the Internet of Things (IoT). With the increasing prevalence of IoT devices, it has become essential for individuals to understand their implications and potential applications. The website aims to provide comprehensive and accessible information about the IoT, including its history, current trends, and future directions. Additionally, the website incorporates interactive components such as simulations and quizzes to enhance user engagement and facilitate learning. The paper outlines the design and development of the website, as well as the evaluation of its effectiveness in improving users' knowledge and understanding of the IoT. The study utilizes both quantitative and qualitative methods to assess the website's impact on users' learning outcomes, engagement, and satisfaction. The findings suggest that the website is an effective tool for enhancing users' understanding of the IoT and increasing their interest in the topic. The paper concludes with implications for future research and practical recommendations for improving the design and implementation of educational websites focused on emerging technologies.

**Keywords –**

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**CHAPTER - 1**

**INTRODUCTION**

Write all the next chapters similar to this as mentioned in table of contents.Properly mention fig no & name as & whenever required.Take necessary care of the alignments of text & font size 7 style respectively.Insert clear snapshots of the project specifying each aspects in detail.

You are advised to show your report to your supervisor before final submission & print out.Make sure all your meetings on Happiness quotient is updated.For any queries contact your supervisor at first & if not resolved plz let me

now the issue by earliest.

| Idea Name | One Liner | Target User Persona | User's Pain Points to Solve | Main Value Propositions | Sales & Marketing Channels | Revenue Stream Sources | Cost Structures | Key Activities | Key Resources | Key Partners | Idea Validation Steps | Estimated 1st Year Cost of Operation | Potential Business Challenges |

|-----------|-----------|---------------------|-----------------------------|-------------------------|----------------------------|-----------------------|----------------|----------------|---------------|-------------|----------------------|---------------------------------|------------------------------|

| Mall4U | The Digital Mall | Small Town Residents | Limited Access to Physical Malls | Convenient Online Shopping Experience | Social Media, Search Engine Optimization, Email Marketing | Commission on Sales | Website Hosting, Development & Maintenance, Marketing Expenses | Website Management, Product Selection, Vendor Management | Website Development Team, Customer Service Team | Retail Vendors, Payment Gateway Providers | Surveys, Focus Groups, A/B Testing | $100,000 | E-commerce competition, Vendor Management, and Order Fulfillment |

| MedConnect | Healthcare on the go | Busy Professionals | Lack of Time for Traditional Healthcare | On-Demand Medical Consultation and Services | Social Media, Search Engine Optimization, Email Marketing | Subscription Model, Commission on Sales | Website Hosting, Development & Maintenance, Medical Staff Salaries | Website Management, Medical Staff Training, Patient Management | Website Development Team, Medical Staff, Customer Service Team | Medical Equipment Suppliers, Payment Gateway Providers | Surveys, Focus Groups, A/B Testing | $500,000 | Legal regulations, Medical Staff Recruitment, and Insurance Considerations |

| HomeChef | Personalized Meal Kits | Health-Conscious Consumers | Difficulty in Meal Planning | Customized Meal Kit Delivery | Social Media, Influencer Marketing, Email Marketing | Subscription Model, Commission on Sales | Website Hosting, Development & Maintenance, Ingredient Costs, Packaging & Shipping | Recipe Development, Vendor Management, Ingredient Sourcing | Website Development Team, Customer Service Team | Food Suppliers, Payment Gateway Providers | Surveys, Focus Groups, A/B Testing | $200,000 | Food Safety Regulations, Supply Chain Management, and Product Packaging |

Note: The estimated cost of operation for each idea is just an approximation and can vary depending on various factors such as location, team size, and industry trends. Additionally, the potential business challenges mentioned are not exhaustive and may vary depending on the specific circumstances of each idea.

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