

Handwritten Digit Recognizer

Project report submitted

In partial fulfilment of the requirements of the degree of

Bachelor of Computer Science

in

SOET

by

Piyush Sharma

Under the Supervision of

Ms. Pallavi Pandey



SOET

K R MANGALAM UNIVERSITY, GURUGRAM, HARYANA, INDIA

June, 2022

Registrar

K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

CERTIFICATE

It is certified that the work contained in the project report titled "Handwritten Digit Recognizer" by the following student:

Piyush Sharma 1901720004

has been carried out under my/our supervision and that this work has not been submitted elsewhere for a degree.



Name of the Supervisor:- Ms Pallavi Pandey

Assistant Professor,

Name of the Department:- SOET

K R Mangalam University, Gurugram, Haryana, India



Registrar

K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

DECLARATION

I declare that this written submission represents my ideas in my own words and where others' ideas or works have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

Ajayush Sharma

1901720004



(Signature)

Date: 7/6/2022


Registrar
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Sohna Road, Gurugram, (Haryana)

APPROVAL SHEET

This project report entitled **Handwritten Digit Recognizer** by **Piyush Sharma** is approved for the degree of **BSc (Computer Science), School of Engineering and Technology**.


Dean (SOET)

Mr. Vineet Dahiya


Supervisor

Ms. Pallavi Pandey (Assistant Professor)

Date: 7/6/22

Place: Gurugram


Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

Tourism

*Project report submitted
In partial fulfillment of the requirement for the degree of*

Bachelor of Science

Computer Science

By

KRITIKA(2001720003)

Under the guidance of

MS. PALLAVI PANDEY

(Assistant professor)



Department of Computer science and Engineering

School of SOET

K. R. Mangalam University, Gurugram - 122003

June-2023

Registrar

K. R. Mangalam University
Sohna Road, Gurugram, (Haryana)

DECLARATION

I declare that this written submission represents our ideas in our own words and where other's ideas or words have been included, we have adequately cited and referenced the original sources. We also declare that we have adhered to all the principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed. We further declare that if any violation of the intellectual property right or copyright, my supervisor and university should not be held responsible for the same.



Student Name Roll No KRITIKA 2001720003

Place: K.R. Mangalam University

Date: June 2023



Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

CERTIFICATE

It is certified that the work contained in the project report titled "Tourism" by the following students:

Kritika
Roll Number: 2001720003

has been carried out under my supervision and that this work has not been submitted elsewhere for a degree.



Name of the Supervisor/s Signature of Supervisor
Ms. Pallavi Pandey

Designation
Assistant Professor



Dean SOET

Date: - June 2023

Place:-K.R.MangalamUniversity



Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

ACKNOWLEDGEMENT

**“Enthusiasm is the feet of all progress, with it there is accomplishment and
Without it there are only slits alibis.”**

Acknowledgment is not a ritual but is certainly an important thing for the successful completion of the project. At the time when i made to know about the project, it was really tough to proceed further as we were to develop the same on a platform, which was new to me. More so, the coding part seemed tricky that it seemed to be impossible for me to complete the work within the given duration.

I really feel indebted in acknowledging the organizational support and encouragement received from the university.

The task of developing this system would not have been possible without the constant help of our faculty members and friends. I take this opportunity to express my profound sense of gratitude and respect to those who helped me throughout the duration of this project.

I express my gratitude to my supervisor Ms. Pallavi Pandey for giving their valuable time and guidance to us.

Place: - K.R. Mangalam University

Date: - June 2023


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K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

**Name of Student
Kritika**

ABSTRACT:

By using importance-performance analysis (IPA), this paper examines the perceptions of tourists as websites users, and experts of Internet applications, of various tourism services attribute in the Jordanian travel agencies' websites. IPA is a feasible approach to the assessment of clients' satisfaction which allows for an easy and practical understanding of both the strengths and weaknesses, and for developing areas of a given service. While IPA Analysis as a practical methodology has been used to determine customers' perceptions and satisfaction in different fields and subjects, to the best of the author knowledge, this is the first time for this methodology has been used to compare the perceptions of tourists and experts of Internet technology to assess the effectiveness of travel agencies websites. The main findings determined differences between tourists' perceptions of importance and experts' evaluation of Performance about JTAs websites, majorly in categories of marketing, functionality, interaction, and basic information. The study also demonstrates the effectiveness of IPA model as a strategic tool at the marketers' hand, to identify priorities for areas of development and improvement by select how to increase their capacity.

Keywords: Importance-performance analysis, Internet, WWW, Travel agencies, Jordan

1. Introduction

1.1 Background

1.2 Objectives

1.3 Scope


Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

Tourism

*Project report submitted
In partial fulfillment of the requirement for the degree of*

Bachelor of Science

Computer Science

By

ANIKIT(2001720002)

Under the guidance of

MS. PALLAVI PANDEY

(Assistant Professor)



Department of Computer science and Engineering

School of Engineering & Technology

K. R. Mangalam University, Gurugram - 122003

June-2023


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Sohna Road, Gurugram, (Haryana)

DECLARATION

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Student Name Roll No ANIKIT 2001720002



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K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

Place: K.R. Mangalam University

Date: June 2023

CERTIFICATE

i

It is certified that the work contained in the project report titled "Tourism" by the following students:

Anikit
Roll Number: 2001720002

has been carried out under my supervision and that this work has not been submitted elsewhere for a degree.



Name of the Supervisor/s Signature of Supervisor
Ms. Pallavi Pandey

Designation
Assistant Professor

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Date: - June 2023

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Place: - K.R. Mangalam University

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**Name of Student
Anikit**

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By using importance-performance analysis (IPA), this paper examines the perceptions of tourists as websites users, and experts of Internet applications, of various tourism services attribute in the Jordanian travel agencies' websites. IPA is a feasible approach to the assessment of clients' satisfaction which allows for an easy and practical understanding of both the strengths and weaknesses, and for developing areas of a given service. While IPA Analysis as a practical methodology has been used to determine customers' perceptions and satisfaction in different fields and subjects, to the best of the author knowledge, this is the first time for this methodology has been used to compare the perceptions of tourists and experts of Internet technology to assess the effectiveness of travel agencies websites. The main findings determined differences between tourists' perceptions of importance and experts' evaluation of Performance about JTAs websites, majorly in categories of marketing, functionality, interaction, and basic information. The study also demonstrates the effectiveness of IPA model as a strategic tool at the marketers' hand, to identify priorities for areas of development and improvement by select how to increase their capacity.

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