TITLE

NEO GEN INTERNSHIP PROGRAM

Submitted to

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in partial fulfillment for the award of the degree of

NAME OF THE DEGREE

BACHLOR OF TECHNOLOGY

IN

COMPUTER SCIENCE & ENGINEERING

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BONAFIDE CERTIFICATE

Certified that this project report "**NEO GEN INTERNSHIP PROGRAM"** is the bona fide work of "**MD TAJU, ANKISH KUMAR, KAHKASHA RAZI & UMESH GOSAI"** who carried out the project work under our supervision.

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Submitted for the project viva-voce examination held on

INTERNAL EXAMINER **EXTERNAL EXAMINER**

in partial fulfillment for the award of the degree of

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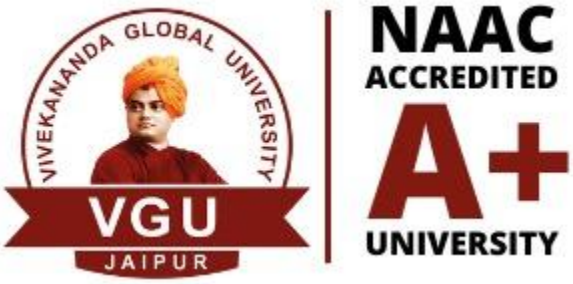

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Standard	Publishing Agency	About the standard	Page no
IEEE 802.11	IEEE	IEEE 802.11 is part of the IEEE 802 set of local area network (LAN) technical standards and specifies the set of media access control (MAC) and physical layer (PHY) protocols for implementing wireless local area network (WLAN) computer communication.	Mention page nowhere standard is used

CHAPTER 1: INTRODUCTION

1.1 Identification of Client Contemporary Issue

The internship discovery process is often inefficient, requiring students to manually search multiple sources. AI-driven platforms can automate this process and provide personalized internship recommendations.

1.2 Identification of Problem

Students struggle to find government internships that match their skills and location preferences. The problem is lack of a centralized, intelligent matching system.

1.3 Identification of Tasks

Tasks include requirement analysis, UI/UX design, AI matching logic development, chatbot creation, testing, and documentation.

1.4 Timeline

The project was completed over one semester following phased development: planning → implementation → testing.

1.5 Organization of the Report

The report contains chapters covering introduction, literature review, design flow, results, and conclusion.

CHAPTER 2: LITERATURE REVIEW/BACKGROUND STUDY

2.1 Timeline of the Reported Problem

Internship platforms evolved from manual processes to AI-powered portals. Government internship portals remain limited.

2.2 Existing Solutions

Platforms like LinkedIn, Handshake, and Intern XL use AI matching, but few focus on government internships.

2.3 Bibliometric Analysis

Research shows AI-driven systems improve job matching accuracy using NLP and ML techniques.

2.4 Review Summary

AI matching is effective for career recommendations; however, government internship systems are still underdeveloped.

2.5 Problem Definition

Develop an AI-enabled system recommending relevant government internships to students.

2.6 Goals/Objectives

Create a user-friendly platform with personalized AI-based internship matching.

CHAPTER 3: DESIGN FLOW/PROCESS

3.1 Evaluation & Selection of Specifications/Features

Features include search filters, AI matching engine, chatbot, resources section, and user dashboard.

3.2 Design Constraints

Constraints include no backend server, limited dataset, and time-bound development.

3.3 Analysis of Features and Finalization

Selected features maximize user impact and feasibility within constraints.

3.4 Design Flow

System flow: user input → AI matching → ranked internship results → chatbot assistance.

3.5 Design Selection

Rule-based AI matching was selected over ML due to scope and time restrictions.

3.6 Implementation Plan/Methodology

Developed using HTML, CSS, JavaScript, and iterative manual testing.

CHAPTER 4: RESULTS ANALYSIS AND VALIDATION

4.1 Implementation of Solution

The system successfully generated internship recommendations based on user skills and location. Testing confirmed correct filtering, sorting, and chatbot responses.

CHAPTER 5: CONCLUSION AND FUTURE WORK

5.1 Conclusion

The project achieved its objective of building an AI-powered internship recommendation system. Students can quickly find relevant government internships based on personalized criteria.

5.2 Future Work

Future improvements include implementing machine learning, integrating real APIs, user login systems, mobile optimization, and advanced analytics.

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