

DECLARATION

This is to declare that the project entitled " **EXIT EXAM PRACTICE PLATFORM FOR ETHIOPIAN DEFENCE UNIVERSITY** " submitted to Defense University College of Engineering department of Computer and Information Technology in partial fulfilment of the requirement for the award of the degree of Bachelor of technology in Computer Science and System Engineering is an original work carried out by ourselves.

Student Team Approval

Student Name**Signature**

1. Amanuel Andarge

2. Bizuayehu Mekbib

3. Eyosiyas Alemayehu

4. Havana Daniel

CERTIFICATE

This is to certify that the project entitled " **EXIT EXAM PRACTICE PLATFORM FOR ETHIOPIANDEFENCE UNIVERSITY** " is the work carried out by Computer Science and Systems Engineering students of B Tech, Defense Engineering College, Bishoftu, during the year 2024 in partial fulfillment of the requirement for the award of the Degree of Bachelor of Computer Science and Systems Engineering is an original work carried out by "**Amanuel Andarge, Bizuayehu Mekibib, Eyosiyas Alemayehu, and Havana Daniel** " under my guidance. The work in this project is reliable and is genuine work done by the students and has not been submitted to Defense University, College of Engineering.

Project advisor

Ato Bereket Mekonnen

Signature: - _____

Head of the Department

Maj. Dr. Cherent kejela

Signature: - _____

Examiner Name

1. _____

2. _____

3. _____

Signature

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ABSTRACT

This project aims to develop an Online Practice Exam Platform for graduating students of Ethiopian Defense University. The primary objective is to create a user-centric system that facilitates effective exam preparation. To achieve this, the project will conduct a comprehensive analysis of users, content, system requirements, and project feasibility. A well-structured database will be designed to store user information, questions, and a resource library offering additional study materials. The user interface will be optimized for seamless navigation, specifically tailored to the preferences of the university students. A secure authentication system will be implemented to ensure authorized access. The platform will also include a feature for departmental instructors to insert curriculum-specific practice questions. Exam simulation features with diverse question will be integrated to replicate real exam conditions. Additionally, detailed score reports will be provided to students, highlighting their performance. Rigorous testing will be conducted to ensure the system's functionality, security, and usability align with the university's standards and meet the students' needs.

Keywords: Exit Exam, Practice Platform, Ethiopian Defence University, Online Examination, User Authentication, Database Design, Feedback System, Study Material

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ACRONYMS AND ABBREVIATIONS

HTML: -Hypertext Markup Language

CSS: - Cascading Style Sheet

SQLite3: - Structured Query Language

Lite JS: -Java Script

UI: -User Interface

OS: - Operating System

ID: -Identification

PC:- Personal Computer