

Mocktime

Designing a reliable mock examination system to enhance student learning experience and tutor interaction



Jomin Kaitholil George

Student ID: 130303750

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Supervisor: Dr. Ellis Solaiman

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# **Abstract**

Web-based mock examination will be used towards to educational institution, to help students prepare towards to their end of year/term exams. In addition, it is a way for the examiner to analyse and gather statistics on student’s knowledge. This could be seen as a way for lectures and students to interact with each other and to be able to build a stronger understand in the contents that has been delivered at the lecture. With the use of an online mock examination system it will be easier for the lecturer/teacher to add or modify any questions that they believe is related to the content which was taught at the lecture. This way, students will have the ability to log into the online mock examination with their login credential and access it from anywhere at any time to analyse their learning progress.

# **Declaration**

“I declare that this dissertation represents my own work except where otherwise stated.”

Jomin Kaitholil George

# **Acknowledgements**

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# **Chapter 1: Introduction**

## **Introduction**

Web-based mock examination is aimed for Educational Institute to prepare an exam and to enhance student learning by helping them prepare towards to their end of year/term exams.

## **Motivation**

## **Project Aim and Objectives**

### **Aim**

To develop a mock examination engine that enables student’s self-assessment and to give the examiner ways of analysing the performance of each student.

### **Objectives**

1. **To explore current mock examination software used by educational centres.**

This involves in researching into current software’s or project related to mock examination software and then looking at what sort of features and functions that they have in place to support with the end user.

1. **To understand how current mock examination software which can be improved to enhance student learning.**

I will be looking at what the current systems offer for the end user (e.g. different functions and features) and then coming up with ideas on how it can be improved to enhance student learning from using my system.

1. **To implement an improved mock examination software that help examiners to analyse students’ performance.**

This will be looking into ways that I could improve the system for the examiner to provide them with logical data analyses which would offer wide range of possibilities on how well the student is doing and what they are struggling on.

1. **To evaluate the effectiveness of the system in terms of quality characteristics (e.g. maintainability, reliability).**

Once I implement the system, I will ensure that I have evaluate the system in terms of quality characteristics (e.g. would the system be running 24/7 and would it be reliable from errors to occur).

## **Deliverables**

## **Relevance to Degree**

## **Project Plan**

# **References**