CC6052ES Coursework

Interim Report

Integrated System for Thakshilawa Higher Education Institute

# Declaration

**Module: CC6052ES Deadline:**

**Module Leader: Student ID: 19033816**

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2. Falsifying data in experimental results.
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7. Other conduct calculated to secure an advantage on assessment.

(viii) Assisting in any of the above.

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# Abstract

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# Introduction

This is the interim report of the coursework of “Integrated System for Thakshilawa Higher Education Institute”. Integrated System for Thakshilawa Higher Education Institute is an institute system which consist centralized web application.

## Introduction to Thakshilawa Application

## 1.2. What is on next chapters?

This report consists of five main chapters including the introduction.

The second chapter is the background chapter. In that chapter it will be discussed about the background of the problem domain and the related work in the same problem domain. Also, it will be discussed how the current approaches are not sufficient in addressing the problems that are available in the field.

The third chapter is work completed. In that chapter it will be discussed about the work already completed towards the project. Also, in that chapter it will be discussed how this approach is the most efficient solution to address the problems identified.

The fourth chapter is future work. In that chapter it will be discussed about the work yet to do in the project with a reference to the project plan.

The fifth main chapter is Progress Review. This chapter is all about an assessment of work completed and work to be done against the project plan. Also, a review of the project plan will be done.

# 2. Background

The background of this project is related to problems faced by Thakshilawa Institute. In this chapter it will be discussed more about the background of the problem that is addressed by this project and also about the current systems that have been created to solve those problems. Also, it will be identified the inefficiencies in those systems and identify the gaps between the solutions needed and the current approaches.

## 2.1. Background of the problem domain

## 2.2. Current Related Systems

In this section it will be discussed about some similar local and international systems related to .Thakshilawa

### 2.2.1. International Systems

### 2.2.2. Local Systems

## 2.3. Comparison of current local systems with Thakshilawa Application

## 2.4. Why Thashilawa Application is special?

# Work Completed

In this chapter it will be discussed about the current approach to develop Integrated System for Thakshilawa Higher Education Institute and the work completed up to now.

## 3.1 Proposed Work flow

**General Requirements**

## 3.2. Completed Implementation

## 3.3. Technologies Used

PHP MVC framework is built to implement the Web APIs, Backend and Frontend. The database is MySQL.

PHP is an efficient web scripting language that saves developer time and improve productivity. Also, when compare with other web scripting languages, PHP comes with many sophisticated functions and configurations and provide good community support. Therefore, it is decided to use these technologies in the implementation.

# Further Work

The core architecture is now completed and the implementation of the main features has to be done

# Progress Review