PROJECT PROPOSAL

Module: - HNDIT 2304 – Project (Group).

Title: - Nanasa Tuition class center management system

Group Members:-

- AMP/IT/2019/F/0006 - O.K.D.Harshana Lakmal (Group leader)
- AMP/IT/2019/F/0080 - H.B.R.Chathuni Ariyasena
- AMP/IT/2019/F/0083 - K.A.K.H.Diwyanjalee
- AMP/IT/2019/F/0084 - W.M.Nisansala Sewwandi
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1.0 Introduction

The main reason for implementing these projects is to complete the project required to complete the HNDIT course at Hardy Institute of Advanced Technology.

Nenasa Tuition class center is an educational institution which has been maintaining high examination results for a long time.

2.0 Background and Motivation

Many tuition class centers traditionally maintain all the information in their institution by writing in books.This method reduces the efficiency here. Also, due to the current epidemic, these activities had to be done from home

But today, with the advancement of technology, these processes are internet based. It stores information about all the students who attend the classes and the information about the teachers who teach. Many things like exams,lectures,class fees are done online. The most important thing is to be able to get the information you need quickly.

In order to successfully face this competitive market, we need to focus on this project. It can achieve high efficiency

3.0 Problem in Brief

There are various errors in the current system. Failure to find the required information about a student or teacher quickly, Difficulty in updating relevant information, Inability to conduct examinations due to the epidemic situation , Difficulty in storing large amounts of information, Large time to mark class attendance , Class fees are difficult to pay .There are many such problems in the current system

4.0 Aims and Objectives.

4.1 Aim.

- Create a web application for resolving problems in registering and maintaining children and teacher

4.3 Objectives

- To store information of teachers and children
- To handle payment of class fees
- To handle lectures
- To handle assignment and its marks

5.0 Proposed solution.

5.1 Project scope

The proposed of web application product is tuition class center management in online. It is used to make it efficient in admitting children and to maintain it efficiently. The current traditional system is very inefficient and incompatible with competition

5.2 Features.

5.2.1 Limitation

The administrator does not always need to handle this process. This can be used at any time according to the needs of the teacher and the child

5.2.2 Main Functions

- Through this web application, a child can pay tuition fees online
- This web application allows children to download assignment and upload its answer file.
- This web application can the registration of student and teachers in online
- This web application allows the teacher to upload the tutorial and the children to download the tutorial

5.3 Time Allocation(Gantt chart)

Nanasa Tuition class center management system																
	May				June				July				August			
	Week 01	Week 02	Week 03	Week 04	Week 01	Week 02	Week 03	Week 04	Week 01	Week 02	Week 03	Week 04	Week 01	Week 02	Week 03	Week 04
Research data and collection																
Proposal writing																
Proposal and approval presentation																
Designing and Coding testing																
Deployment and documentation																
Project presentation																

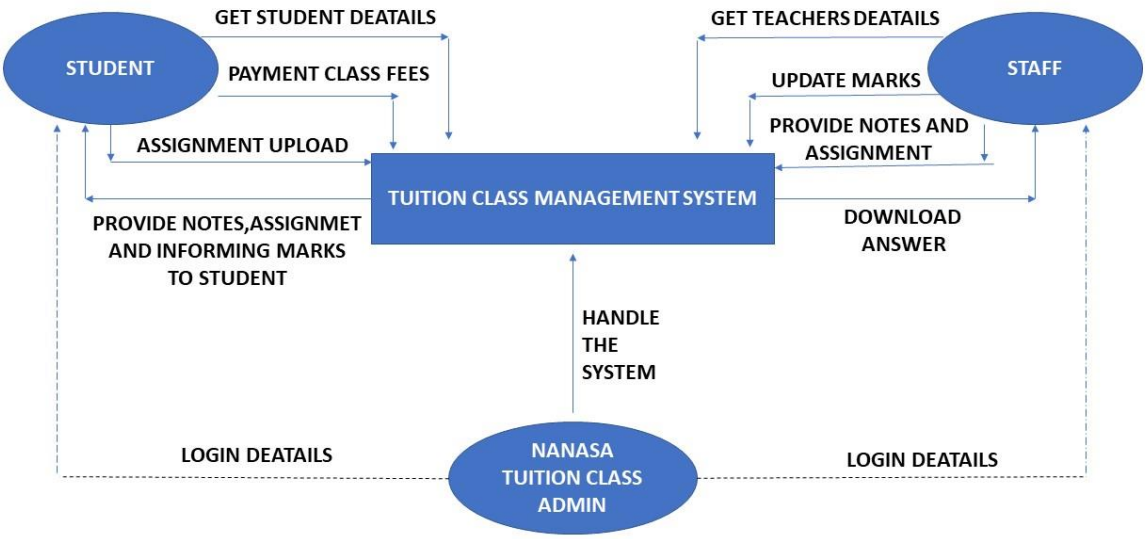
5.4 Methodology

This system will be developed using PHP programming language. The visual studio IDE use for text editor . Uses mySQL to control the database. Store the data in google drive.

5.5 Process Model

For our project, we plan to use waterfall as a process model. The waterfall model is a sequential design process, often used in software development processes, in which progress is seen as flowing steadily downwards (like a waterfall) through the phases of Conception, Initiation, Analysis, Design, Construction, Testing and Maintenance.

5.6 Context diagram



5.7 Member's Responsibilities

Registration number	Name	Responsibilities
AMP/IT/2019/F/0006	O.K.D.Harshana Lakmal	Back end develop
AMP/IT/2019/F/0080	H.B.R.Chathuni Ariyasena	Research data, collection and Proposal writing
AMP/IT/2019/F/0083	K.A.K.H.Diwyanjalee	Presentation
AMP/IT/2019/F/0084	W.M.Nisansala Sewwandi	Front end develop
AMP/IT/2019/F/0094	A.M.Lakshitha Udayanga	Database manage

6.0 Resource Requirements

6.1 Hardware resources

- Processor: Intel dual core or above
- Processor speed: 1.0 GHz or above
- RAM: 1GB RAM or above
- Hard Disk Space: 40GB or above
- Input Devices: Key Board, Mouse,
- Output devices: Monitor , VGA, UPS (optional to prevent data lost in a power failure)
- Communication devices: Router , Dongle

6.2 Software Resources

- Operating System: Windows 7/8/8.1/10
- PHP
- Database: mySQL
- Xampp server
- visual studio IDE
- dreamweaver
- HTML
- CSS

7.0 References

https://lms.sliate.ac.lk