Web-based application for Students' Grade Management for Dee Hwa Liong Academy

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Abstract

A paragraph describing the problem, related material and your proposed approach. It is usually key sentences and phrases taken from the other sections.

Keywords: List of keywords, list

Contents

I. Introduction

A. Background of the Study

Set the scene and the background of your SP topic.

B. Statement of the Problem

Normally, one of the most difficult parts to formulate because you must be able to express the problem in a sentence or two. Each word in the problem statement is a key concept that you introduce to the reader and later elaborate on in the supporting paragraphs. Essentially, you must state here the problem that you are answering.

C. Objectives of the Study

You have to write here the complete functionalities of your system. This part is among one of the most important parts because this will be the basis of measurement whether have you completed your SP or not. Normally, this section is written in terms of the functionalities of the users(roles) of the system that you are creating, starting with the most important user. Note that the most important user is the user that has the most important functionalities. The most important user is not usually the administrator.

For example:

This research will create an Online Theorem Proving system with the following functionalities:

1. Allows the theorem prover to

   (a) Input the theorem that he wants to prove

   (b) See the complete proof of his theorem

2. Allows the administrator

   (a) Add/Edit/Delete theorem prover

D. Significance of the Project

This section is about the significance and benefits that can be obtained from your project.

E. Scope and Limitations

This section lists the scope and limitations of your project. It is usually written in enumerated list format.

1. This project only considers theorems which are trigonometric in nature.

2. This project will not cover geometric theorems.

 Note: Don't anymore include "obvious" scope and limitations, like there must be internect connection, the administrator has access to a computer, the health care provider needs to have a cellular phone, etc.

F. Assumptions

This section lists the assumptions of your system in enumerated list format.

1. The theorem solver will never input an incorrect theorem.

2. The theorem input can be proved in logarithmic time.

II.   Review of Related Literature

Background material related to your research. Key concepts, approaches, similar work and their answers. Here try to be critical in the analysis of their approaches and ideas. This will help you formulate the statement of problem better as you bounce your ideas with other existing work.

III.   Theoretical Framework

This section discusses the key theories needed in your SP with each topic/theory in a subsection.

IV. Design and Implementation

From the problem definition, you identify key techniques and approaches you feel are necessary to successfully find a resolution. You can further motivate the approaches by outlining how they were used in other contexts. This is an extension of the Literature review but with emphasis on how you intend to apply the methodology/ies to your problem. The ERDs, DFDs and technical architecture are placed here.

V.   Expected Output/Timeline

Screenshots of your final software and Gantt chart of your activities are placed here.

   This is a citation [1] and another by Vapnik [2]. You can find the entries in the *biblio.bib* file. There are two other citations namely the work of Kohonen [3] and the work of Kohonen et. al. [4]

VI. Bibliography

[1] V. I. Pavlovic, R. Sharma, and T. S. Huang, "Visual interpretation of hand gestures for human computer interaction: A review," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, vol. 18, 1997.

[2] V. N. Vapnik, *The Nature of Statistical Learning Theory*. New York, USA: Springer-Verlag New York, Inc., 1995.

[3] T. Kohonen, "The self-organizing map," *Proceedings of the IEEE*, vol. 78, pp. 1464–1480, 1990.

[4] T. Kohonen, J. Hynninen, and J. Kangas, "Som_pak: Self-organizing map program package," *Journal of Computer Science*, 1995.