

**Sri Lanka Institute of Advanced Technological
Education
(SLIATE)**

Project Proposal

(Individual)

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Title

Online Examination Management System

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1.Introduction.

World is changing to the modern technological activities .Economics, Business Communications and all concepts are going to the new technological patterns .Also all things consists of that changes so our actions have to be face to the new technological changes to develop our knowledge and other activities .If we will not be adapt this situation ,we can not survive in the world so we have to be ready to face any changes. My online examination management project concept will change from the traditional management system to a computerized new management functions.

Hence many traditional management problems will be solved through the new system. The new system will be secure ,usable maintainable ,easy to handle, portable and suitable to the new generation. The new system contains student Registration ,Store the exam papers ,Store the results, ranking add the feedback too. I think it will be a good system to the students and the lecturer to manage the examination .

2.Background and Motivation.

The traditional management system has many problems such as insecure storage, time consuming, more cost ,maintenance problems ,more manpower . If we reduce the above mentioned problems the online examination management system will be a good solution .

After a field study , investigation I identified some issues such as currently internet and technologies are developing so the traditional methods will not be good approach to the study purpose because students , lecturer and all others are like the modern technologies and new generations will be totally computerized so all people have to get the computer and technical skills to handle their duties in future so the online examination system will useful the new generation student's self studies and identify their knowledge level too.

3.Problems in brief

The current system has many problems. They are follows .:

- **In security of storage:.** Data is stored insecure file method .If a data lost ,we can not get back that .It is the biggest problem of current system
- **Time consuming:.** The current system takes more time to provide the results reports and replies .
- **High cost:.** Since all related functions such as data storing ,create the exam papers , reporting , checking , results announcing are handled separately consequently the cost will increase.
- **More manpower:.** The amount of manpower used in the duties cost is high .consequently administrative and financial level issues will occur.
- **Maintenance problems:.** Every working functions have to check everyday to improve the traditional management and service otherwise we can not manage it
If we reduce the all problems ,The online examination management will be a best solution of traditional system.

4.Aim and objectives.

4.1.Aim of this Project.

My project aim is to develop the students knowledge through the computerized system and solve the traditional management system's problems through my computerized online examination management functions .

4.2.Objectives.

- To solve the manual management problems
- To identify students ability
- To increase student knowledge
- To create a good and secure database system
- To reduce the time consumption of the process
- To handle new technology
- To decrease the human resources
- To introduce the new technology to the student
- To decrease the processing cost

5. Proposed solution.

The current system has many problems. They are data redundancy ,time consumption, high cost, low level processing, higher manpower, manual data entries ,failure in the data storage security. If we develop the online examination management system ,we have to change the manual examination l functions to the computerized management system.

Online examination management system includes many features such as Student registration, lecturer registration ,Add the exam papers , Give the results after the test , Get the feedback from the student ,Reply to the feedback too. The above features will provide efficient solution for the current problems of the manual system and also we believe online examination management system will reduce the management problems and increase the processing efficiency and effectiveness.

5.1 Gantt Chart.

Activities	Duration(Week)													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Requirement Gathering														
Planning														
Designing														
Develop the system														
Testing														
Documentation														
Implementation														

6.Resource Requirements

The proposed system will be develop using PHP

6.1Hardware Requirements

- PC or Laptop with Minimum Core I 3 Processor.
- Minimum 200 GB space in Hard Disk
- Minimum 4 GB Ram

6.2Software Requirements

- Operation System : Windows 7 or Above
- Language : PHP
- IDE : NOTE PAD/ SUPLINE TEXT
- Local server: WAMP
- DBMS : MySQL

7.References:.

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