

System Study

Introduction

System Study is a detailed study by which by which an individual studies a system. It involves the study of an existing system, design of the new system and identifying current deficiencies. The purpose of studying a system or its parts in order to identify its objectives. It is a problem solving technique that improves the system and ensures that all the components of the system work efficiently to accomplish the purpose. Analysis specifies what the system do.

After studying the existing system and proposed system, it draws a conclusion that how the system functions. It shows a comparison of a system and understands the issue, identifying problems, and important variables in a system. Both the systems shows a clear picture of project.

Existing System

Student needs to attend the exam in offline mode. He/she must carry hall tickets, pen, pencil, etc for entering the exam hall and occupy at their own seats assigned by the authority. Student must not be able to know the results after the exam. The results will be published online. The whole process of assigning test and evaluating their scores the test, was done manually till date.

Drawbacks of existing system

- Very time consuming
- It is very difficult to analyze the exam manually
- To take exam of more candidates more invigilators are required, but no need of invigilator in case of online exam
- Results are not precise as calculation and evaluation are done manually
- The chances of paper leakage are more in current system as compared to proposed system

- Result processing takes more time as it is done manually

Proposed System

Student/User needs to attend the exam in online mode.He/She can login into the examination portal with their password and attend the same.They can view the result from their own account after the exam.Also they can view his/her Profile and evaluate the results.

Eg: Hackerrank

Advantages of proposed system

- In comparison to the present system, the proposed system will be less time consuming and is more efficient
- Analysis will be very easy in proposed system as it is automated
- Result will be very precise and accurate and will be declared in very short span of time because calculation and evaluations are done by the simulator itself
- The proposed system is very secure as no chances of leakage of question paper as it is dependent on the administrator only
- The logs of appeared candidates and their marks are stored and can be backup for future use