



## Survey: Automated Process of Revaluation

Authors

**Vishakha Kaprekar, Deveshree Nachankar, Prof Sneha Annappanavar,  
Prof Suja Jaychandran**  
VIT, Wadala (E)

### ABSTRACT

*To automate the process of submission of revaluation form we come up with the technology of E-Revaluation. In this project we provide the modules as students and admin where the student will fill in the details for the evaluation form and then submit the form by uploading necessary documents. In admin module the admin will login and check for the details and then approve/disapprove the form. Once approved the details will go to the account department. Exam cell admin will be notified about the amount paid and the revaluation process will be completed. Thus the system optimizes the human effort involved and also reduces the overall time consumed in the process of conducting and evaluating examinations.*

### INTRODUCTION

Despite the leaps and bounds made within the enterprise technology space over the past 20 years, little has changed with the way we run our back offices. We still manually process many of our back office functions and develop custom fixes to try to bridge process silos in an attempt to connect and automate processes.

Even if your organization uses enterprise software in the back office, a considerable amount of time and money is probably spent on manual tasks to bridge processes that span departments, business units, platforms, applications or geographic locations. While this might work as a kind of "patch," it really means that you're not getting the most out of your enterprise-wide investments. It also means that risky, error-prone manual processes slow progress and limit your organization's competitive edge.

As the world is technology based and it minimizes human effort. Educational technology is not restricted to high technology. Nonetheless, electronic educational technology, also called e-learning, has become an important part of society today, comprising an extensive array of

digitization approaches, components and delivery methods.

Educational technology includes numerous types of media that deliver text, audio, images, animation, and streaming video, and includes technology applications and processes such as audio or video tape, satellite TV, CD-ROM, and computer-based learning, as well as local intranet/extranet and web-based learning.

### THE SIGNIFICANCE OF EXAMINATION

An examination is one of the most links in the teaching process of each university. It is a very important way and method that is used to supervise the study of students, to inspect the effect & quality of teaching, to acquire feedbacks of teaching activities, to evaluate the achievement of students, to conduct the appraisal of education and so on.

To some extent, the examination is a baton to the teachers and the students. So the management of the examination is very important to improve the quality of education and cultivate the eligible talents.

In China, full scores of each course are 100 marks. If the score is lower than 60 marks, the score is labelled unsatisfactory. Taking the above mentioned facts into consideration, the quality of the examination paper is one of key factors to a successful examination. So the judgment rule of the quality for examination paper is extremely important.

Evaluation is a systematic determination of a subject's merit, worth and significance, using criteria governed by a set of standards. It can assist an organization, program, project or any other intervention or initiative to assess any aim, realizable concept/proposal, or any alternative, to help in decision-making; or to ascertain the degree of achievement or value in regard to the aim and objectives and results of any such action that has been completed.<sup>[1]</sup> The primary purpose of evaluation, in addition to gaining insight into prior or existing initiatives, is to enable reflection and assist in the identification of future change.

The main purpose of a program evaluation can be to "determine the quality of a program by formulating a judgment"<sup>[4]</sup>

### EXISTING SYSTEM

In Existing system, Application form is filled manually by the student and signed. The application form is then submitted by the examinee, along with the requisite fees, within ten days. The candidate then submits their application forms along with the requisite fees to the exam cell of the college/institution. The exam cell admin checks and verifies the form and the documents attached. The students are then directed with the verified forms to the accounts department and then the process of fees calculation and acceptance is carried out. The Application form is filled in manually by the student and signed.

The application form is then submitted by the examinee, along with the requisite fees, within ten days. The candidate then submits their application forms along with the requisite fees to the exam cell of the college/institution. The exam cell

admin checks and verifies the form and the documents attached. The students are then directed with the verified forms to the accounts department and then the process of fees calculation and acceptance is carried out.

### Disadvantages of Existing system:

- i. Time Consuming
- ii. Waste of paper work
- iii. More Man power required

### RELATED WORK

A similar grading system was presented in <sup>[1]</sup>, which performs evaluation of paper exams on tablets. The system has ability to monitor and retrieve enormous range of data.

It also reduces grading time and turn-around time due to automation of tasks (flipping pages, summing, recording grades etc).

Other merits in the system include student identity being kept anonymous, simultaneous grading across multiple locations and access to view papers at a later date. But it does not select questions for the examination from a pool of questions specified by the concerned faculty based on the difficulty levels (easy, medium and hard). It also suffers in ability to check the evaluation accuracy.

Other related paper <sup>[2]</sup>, presents secured e-exam grading system using cryptographic technique. It involves java remote method invocation for distributed systems. It uses public key infrastructure. It provides confidentiality, authenticity and integrity in e-learning environment. But it is difficult to evaluate and predict the security level.

<sup>[3]</sup>. Four main types of technology evaluation discourse are distinguished:

Type of Technology Evaluation	Description
Early Warning or Awareness	Forecasting technological developments and their impacts, to warn for unintended or undesirable consequences.
Strategic	Supporting specific actors or groups of actors in formulating their policy or strategy with respect to a specific technological development.
Constructive	Broadening the decision process about technological development, to shape the course of technological development in socially desirable directions.
Backcasting	Developing scenarios of desirable futures and starting innovation processes based on these scenarios.

## SYSTEM DESCRIPTION

The System has three modules Exam cell Admin module, Student module, Account Student module:

The student has to first logins into the process of E-Revaluation by entering his login id and password.

As the students login into the system the front page is reflected to student where he has to select the form to fill and apply for the reevaluation.

While filling the form the student need to provide the appropriate information such as subjects and the semester for which he wants to apply for reevaluation.

The student have to browse the documents such as the question paper and the gadget copy of the results.

If the student belongs to any reserved category then he has to select the appropriate fees and upload the additional category documents along with other documents required.

Then students has to submit the form and then will be notified about the form approval and payment of fees.

Then comes the Exam cell admin module .The Admin logs into the revaluation by entering his login id and password.

The admin can view the form applied by the students.=

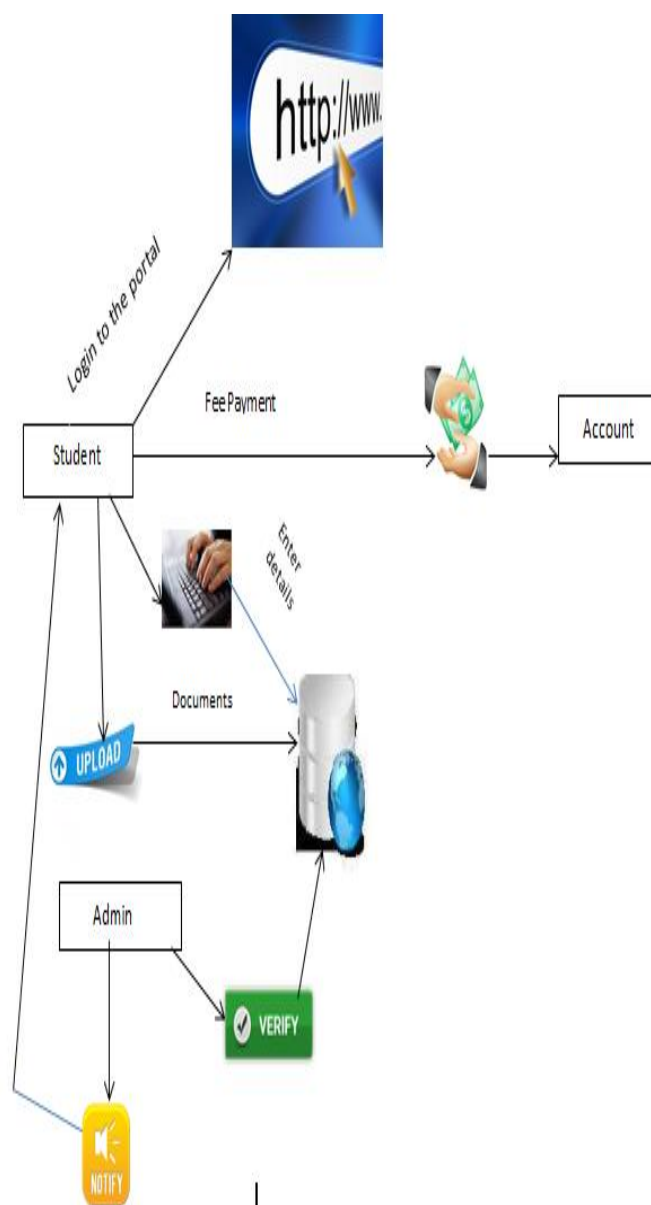
The Admin the checks the forms of the students and the documents uploaded along with the forms and then approve and disapprove on it.

Once the form is approved it is notified to the student. The students go to the accounts department to pay the fees.

Once the fees paid the account admin updates the student data and hence the E-Revaluation process is completed.

Reevaluation is extremely faster in this system as the student can view the evaluated scripts without any time delay and the results are published very quickly as the transportation of scripts is avoided and the digitalized version of answer scripts makes the evaluation process much faster and delivers the scores with precision.

## SYSTEM ARCHITECTURE



## CONCLUSION

Evaluation approaches are conceptually distinct ways of thinking about, designing, and conducting evaluation efforts. Many of the evaluation approaches in use today make truly unique contributions to solving important problems, while others refine existing approaches in some way.

In this paper the implementation to improve the traditional process reevaluation has been put forward.

With new features and new technologies all the phases involved in an examination process have been addressed. This project has added new dimensions to the existing system, making reevaluation process much simpler.

It helps the user with the ease of using the system with utmost functionalities and enhancing more features in easiest ways.

## FUTURE WORK

The proposed system will be taken forward to android and ios platforms.

This will enable the system to be operational across the globe on tablets as an application.

Using a stylus the faculty can evaluate while travelling or from home at their own pace. This will enhance the flexibility of the system.

The system can be also modified according to individual needs and operated by all the educational institutions as it works on open source platform; however the licensing work is still being worked on.

The primary focus will be constantly towards improving the portability and user friendliness of the system.

## SYSTEM ADVANTAGES

Primary advantage of the system is to ease the process of traditional reevaluation process. Apart from the reduction in time and human effort involved in conducting and assessing the examination the system is embodied with lot of additional features.

Reevaluation is extremely faster in this system as the student can view the evaluated scripts without any time delay and the results are published very quickly as the transportation of scripts is avoided making the evaluation process much faster

## LIMITATIONS

Internet connection is required.

## REFERENCES

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