

WEB-BASED INFORMATION SYSTEM FOR EDUCATION

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I. Formulation of the problem

Traditional educational system is facing many problems. The case of the Covid-19 pandemic can be mentioned in particular, which makes it difficult for students to physically go to classes. This is why it is important that the educational system takes these concerns into account. Hence, the introduction of web-based information system for education is so important.

II. The purpose of the work

The purpose of this project is to develop web-based information system for education that will allow students to have lessons regardless of their location or whatever circumstances that may prevent them from being physically present in classrooms.

III. Software implementation

Information system for education is web-based system for training programs and knowledge sharing between individuals allowing them the flexibility to access it from their workplace or home. This system is accessed by approved individuals via URL or via a unique User ID and Password. To represent what role every actor (user) plays, the use case diagram has been used. It is shown in the Figure 1.

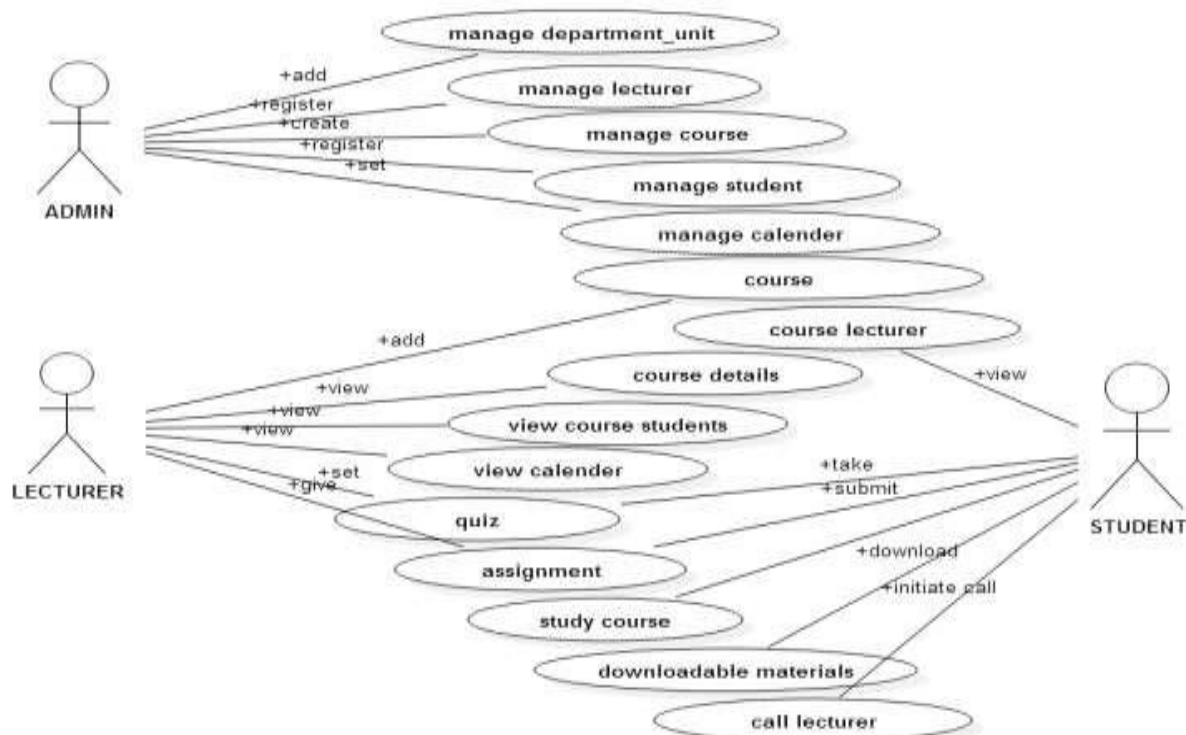


Figure 1 – Use case diagram of the developed web-based information system for education
To realize this project, PHP, MySQL, JavaScript, HTML and CSS were used.

Conclusion

The system was developed to eliminate the issues in the traditional learning system by allowing lecturers to upload lecture materials on the system which students can access from any location. This is achieved by login into the system to upload and access the materials.

References

1. E Learning system [Online]- Access mode: <https://www.edapp.com/blog/electronic-learning-management-system>