

SOFTWARE FOR HOSTEL MANAGEMENT SYSTEM

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I. Formulation of the problem

With the increase of students enrollment in educational institutions a lot of students opting for on-campus accommodation. The manual system of student's registration for hostel accommodation and managing the hostel through paper works is time consuming and not very efficient [1]. This is why the intelligent hostel management system has been proposed. The software for the mentioned system is the subject of this paper.

II. The purpose of the work

The purpose of this project is to develop a web-based software that enables efficient management of student hostels.

III. Software implementation

The hostel management software basically streamlines all activities of a hostel.

The system has been developed using PHP programming language with MySQL database application at the backend to handle data storage. HTML, CSS and JavaScript have been used to develop the user interface to enable smooth navigation on the system.

The use case diagram of the system is shown below, in the figure 1.

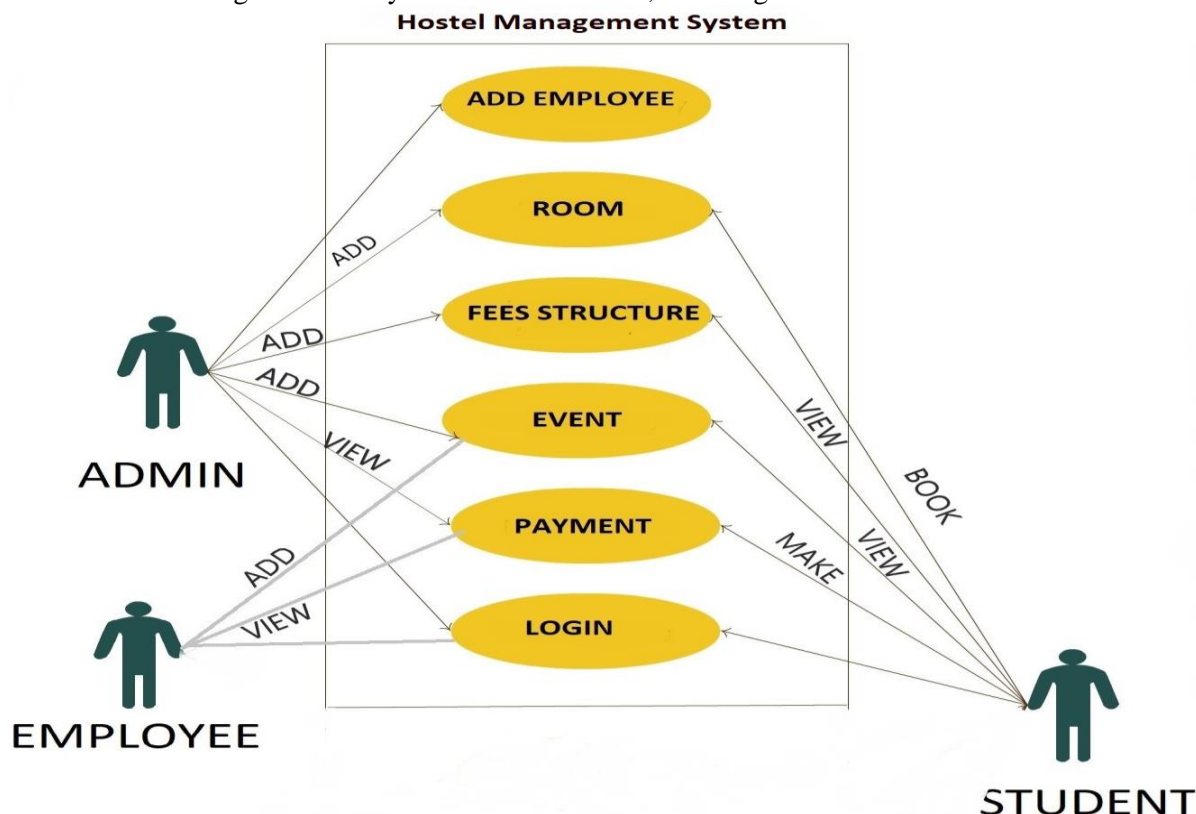


Figure 1 – Use case diagram of the developed hostel management software

Conclusion

Implementation of the web-based hostel management system allows to significantly reduce the paper works and increase the efficiency of hostel management for all of the system users.

References

1. What is hostel management system? [Access mode]: - <https://www.ezeeabsolute.com/hostel-management-system.php>