E-SKOLAR: A WEB-BASED `SCHOLAR MONITORING SYSTEM FOR THE UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES (USTP) - A CASE STUDY OF THE ADMISSION AND SCHOLARSHIPS OFFICE

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ABSTRACT

The study focused on addressing the issues of the USTP ASO – CDO campus in terms of monitoring and tracking scholars, time-consuming report generation, and communication challenges. To solve this, a web-based monitoring tool was needed. Hence, the e-Skolar - A Web-Based Scholar Monitoring System was proposed and developed.

BACKGROUND

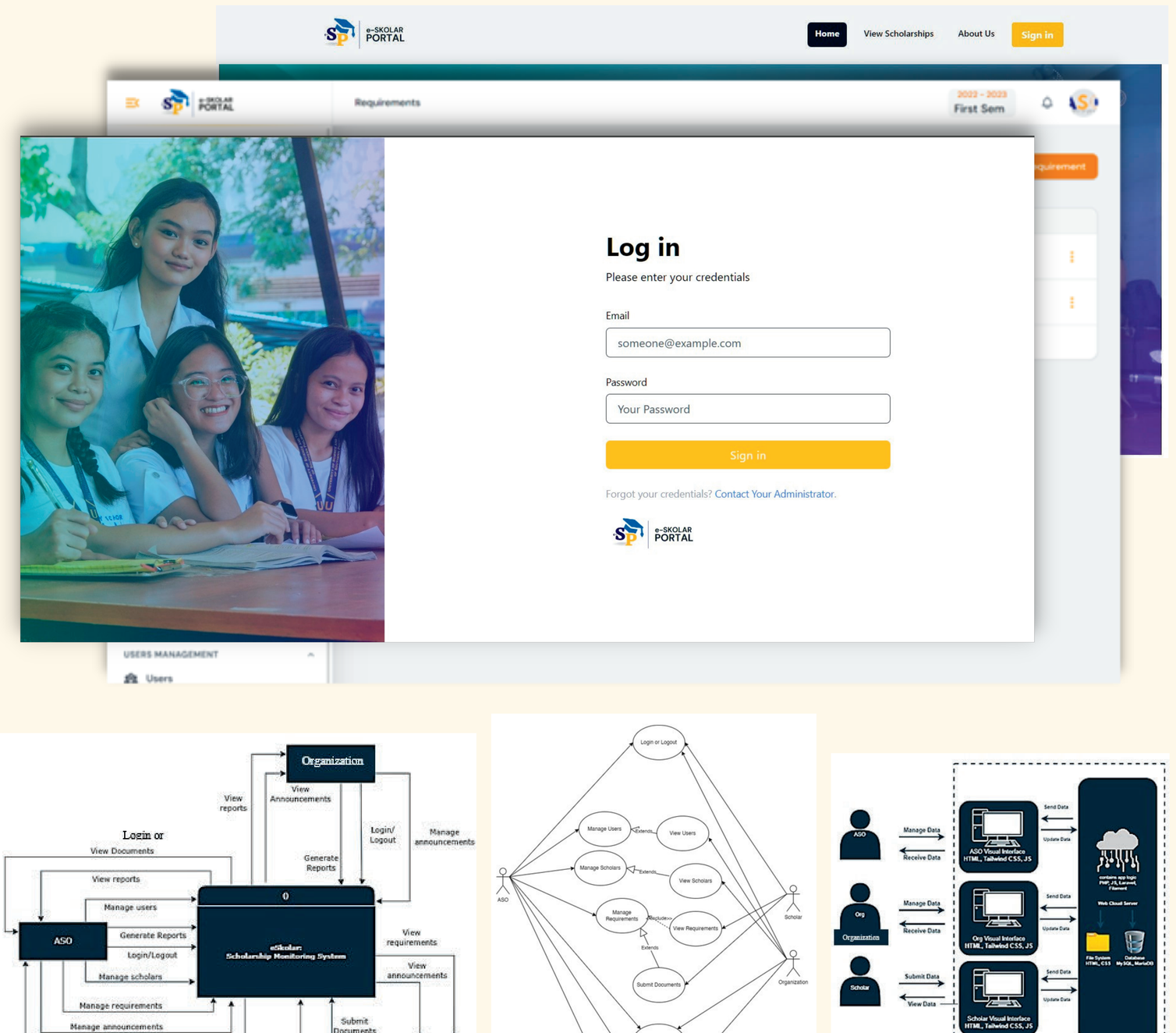
For many years, the USTP ASO handles scholarship monitoring. Determining status of scholars is done manually using Excel spreadsheets. Because the scholar's data must first be received from the USTP Registrar's Office before being entered into ASO's Microsoft Excel database, these processes can be inconvenient for the office.

OBJECTIVE

The study aims to design, develop, and test the Scholar Monitoring System for the Scholarship Unit of the USTP ASO. Specifically, it aims to (1) monitoring existing scholars in terms of their scholarship requirements (2) develop a system that will help office staff generate scholarship status reports faster and (3) make communication between the ASO and the scholars easier through the use of SMS

METHODOLOGY

To further understand the processes involved in monitoring scholars, the researchers conducted a series of one-on-one in-person interviews and requirements gathering with ASO staff and its constituents. A website has been developed to facilitate the creation of the monitoring system. The respondents tested the system using the Functional Suitability and Usability patterned after ISO/IEC 25010 criteria in determining standard software development, and the System Usability Scale (SUS).



RESULTS AND CONCLUSION

Based on the findings and results of the study, it is concluded that the development of an online portal system for the scholarship unit would be beneficial and improve ASO services efficiently and conveniently in scholarship monitoring, document requirement-tracking, and information dissemination. ASO staff can work more efficiently, and conveniently track and conduct monitoring of its scholars. As such, the proposed system is a upgrade from the tedious, manual process of encoding scholarship data.

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