

UNIVERSITI TEKNOLOGI MARA

DEVELOPMENT OF SISTEM PINJAMAN PERALATAN FSKM (SPPF)

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ABSTRACT

The development of this project is a web based system used as equipment booking system at Office Administration, Faculty of Computer and Mathematical Sciences (FSKM), Universiti Teknologi MARA (UiTM) Shah Alam. The first objective of this project is to identify the user requirements and design “Sistem Pinjaman Peralatan FSKM (SPPF)” using User-Centered Design (UCD) approach. Second objective is to develop SPPF. The data collection process about the SPPF is obtained from the interviews of the current process and problems faced by the office.

This system is developed to enhance the current manual system and allow user to have easier access to the services. Through this system, users are able to obtain latest information about all the equipment booking which can be viewed through online. SPPF is developed using PHP as the programming language, MySQL to create the system database and Macromedia Dreamweaver 8 to develop the system interface. The final product of this project is successfully achieved and evaluated using Heuristic Evaluation (HE) method. With this system, it can assist the lecturers, staffs, and students to simplify the equipment booking process and assist the technician to manage the equipments booking application.

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