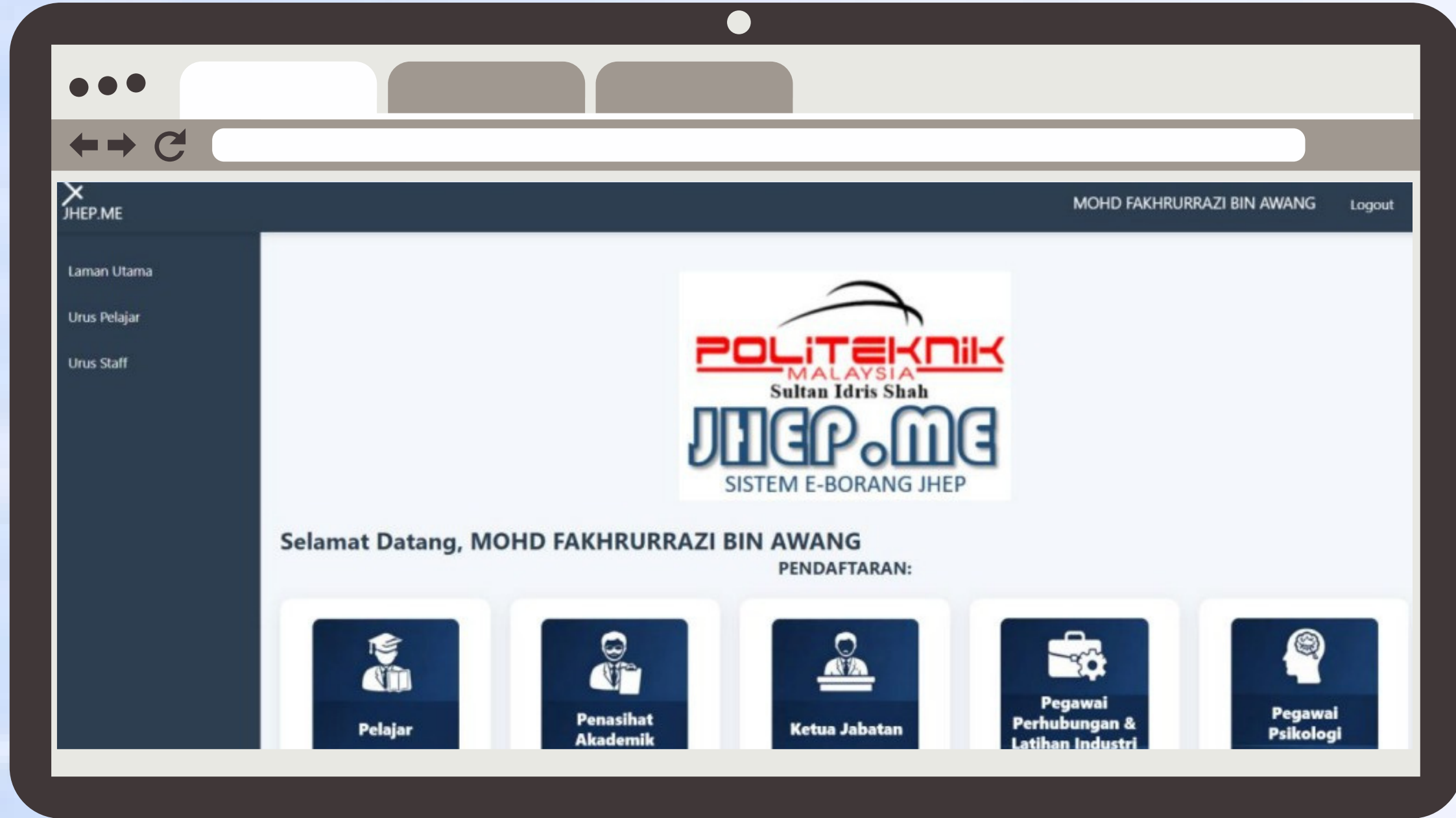




SISTEM E-BORANG JHEP

A WEB-BASED SYSTEM FOR MANAGING STUDENT ADMINISTRATIVE APPLICATIONS

FINAL YEAR PROJECT

PRODUCT DESCRIPTION

Sistem E-Borang JHEP is a web-based system developed to improve the management of student administrative applications at JHEP in Polytechnic.

The system provides an online platform for students to submit applications such as programme transfer, transfer to another Polytechnic, postponement, and discontinuation of studies, with features such as role-based access, approval workflow, and application status tracking.



PROBLEM AND CAUSES

Manual QR code-based form distribution

Inefficient manual approval process.

Lack of centralised monitoring and tracking

SIGNIFICANCE & BENEFITS

01 Improve efficiency

Helps JHEP staff and students handle applications faster.



02 Better tracking and transparency

Students and staff can see the status of applications in real-time.



03 Reduce risk of lost forms and delays

Digital forms eliminate the chance of misplaced documents.



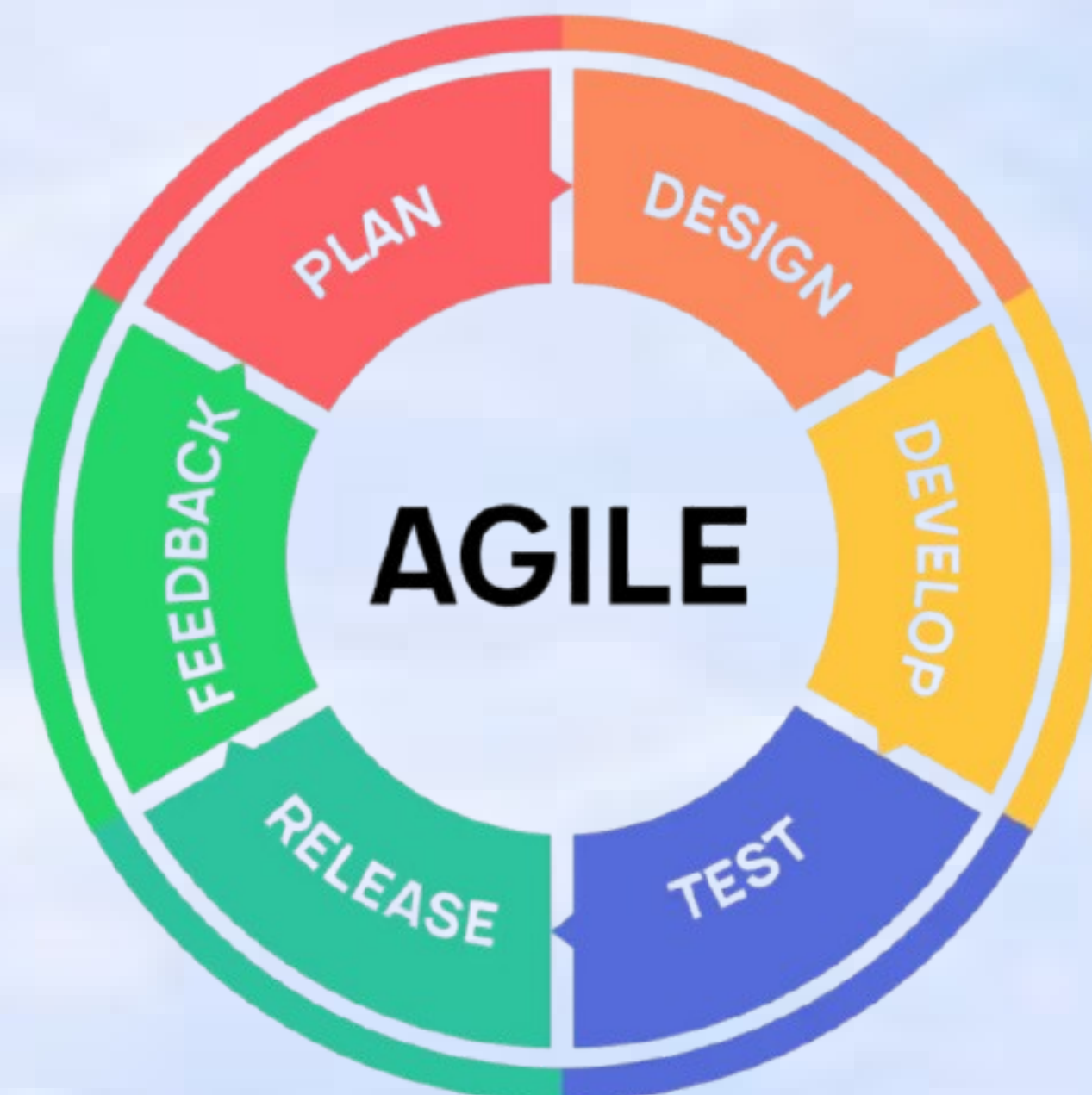
OBJECTIVES

To develop a centralised online system without relying on physical forms and QR codes.

To implement a digital approval workflow that allows authorised officers to provide reviews and approvals sequentially with recorded timestamps.

To enable JHEP to monitor, track, and manage application status efficiently through a centralized platform.

METHODOLOGY & MATERIAL



The system is developed using Agile methodology, with phases including planning, design, development, testing, and deployment. Continuous feedback improves system functionality and meets user requirements.

CONCLUSION

Sistem E-Borang JHEP improves the management of student applications by providing a digital platform that enhances efficiency, reduces processing time, and ensures better tracking and transparency. It offers a more organised and user-friendly system for both students and JHEP staff.

COMMERCIALIZATION POTENTIAL



Has potential to expand to multiple institutions for long-term use and sustainability



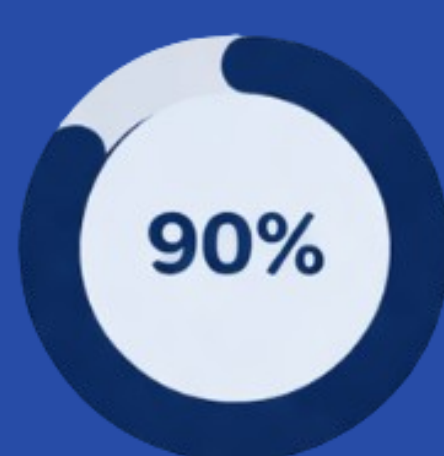
Expandable to manage other administrative modules (hostel, scholarships, events)



Has potential to generate revenue through subscription or licensing fees for institutions

SURVEY

A survey has been conducted on our Students and JHEP staff regarding the effectiveness of the system. The survey results are as follows :



01 Easy to use system

90% of users agreed the system is simple and easy to use.



02 Saves time

85% of users agreed the system reduces processing time.



03 Better tracking

92% of users agreed the application status is clear and easy to track.



04 Overall satisfaction

Users rated the system 4.5/5.



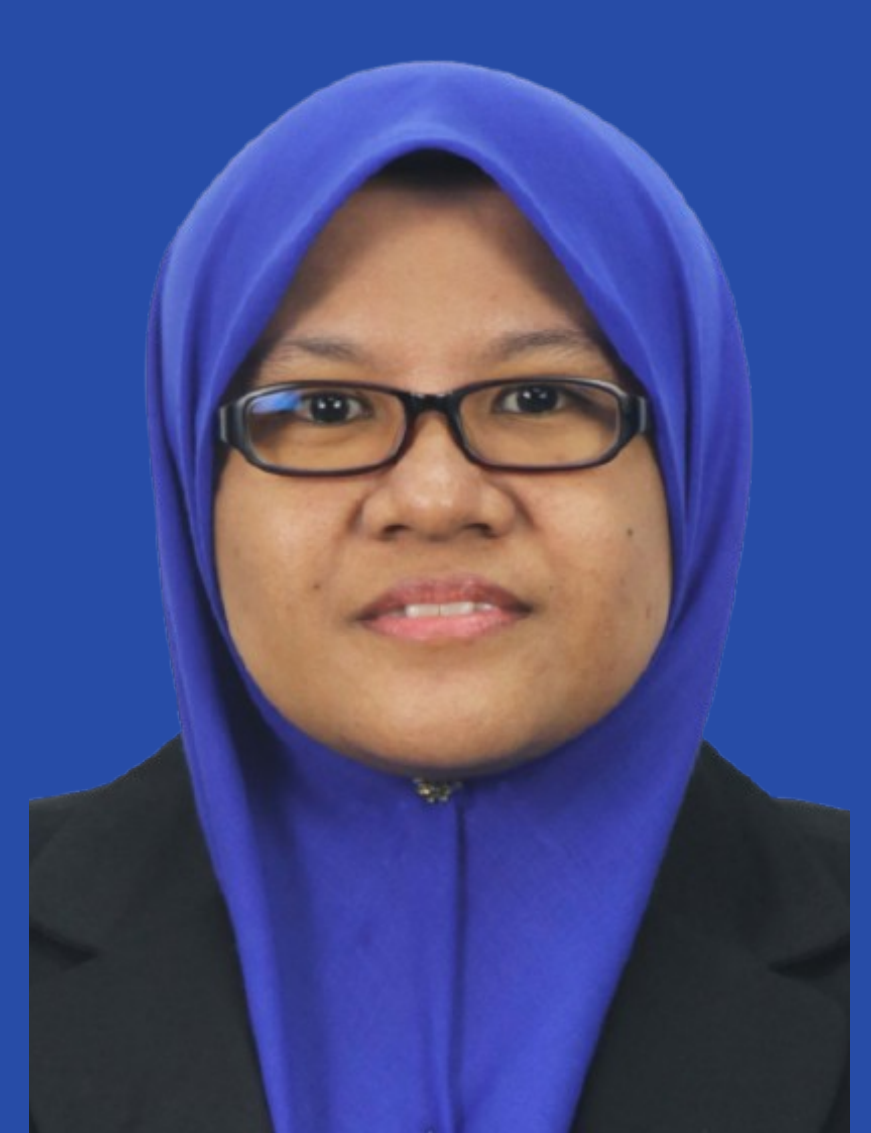
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