intake 360®

Functional & Technical Summary.

Solution Overview

The intake 360 power platform solution is designed to streamline the student application process through an online portal. This platform will enable students to create accounts, apply for courses, and track the status of their applications. The system will also provide functionalities for lecturers, admins, and super users to manage applications efficiently. The solution leverages Power Apps for the student interface, Model-Driven Apps for administration, Power Automate for email notifications and Dataverse for data storage, ensuring a seamless and integrated experience.

Objectives

• Provide a user-friendly portal for students to apply for courses

• Automate the assignment of student numbers and welcome emails

• Enable tracking of application status

• Facilitate application review and approval by lecturers and admins

• Ensure secure and efficient data management

Personas and Features

1. Student Portal:

• Account creation with automatic student number assignment.

• Automated welcome email with student number and welcome pack.

• Application form for course selection and personal information.

• Attachment upload for transcripts and other documents.

• Application status tracking.

2. Lecturer Portal:

• View applications relevant to their departments.

3. Admin Portal:

• View and manage all applications.

• Approve or decline applications.

4. Super User Portal:

• Manage admin users and oversee application processes.

5. Automated Workflows:

• Power Automate flows for sending emails and updating application statuses.

Process Flow

1. Account Creation:

• Student creates an account on the portal.

• System assigns a unique student number.

• Automated email sent with welcome pack and student number.

• Depending on the role – you are redirected to either step 2 or step 3.

2. Application Submission:

• Student logs in and starts a new application.

• Fills in personal information, selects courses, and uploads necessary documents.

• Submits the application.

• If they already have an application for the current year, they can check its status.

3. Application Review:

• Lecturers view applications related to their departments.

• Admins review all applications, approve or decline them.

• Super users manage admin roles and monitor the overall process.

4. Application Outcome:

• Upon approval or rejection, an automated email is sent to the student with the outcome.

Architecture

Frontend

• Power Apps for student-facing portal.

• Model-Driven Apps for admin and lecturer portals.

Backend

• Microsoft Dataverse for storing application data.

• Power Automate for email notifications and workflow automation.

Security

• Role-based access control for students, lecturers, admins, and super users.

• Secure authentication and data encryption.

Technology	Component
Canvas Power App	Student-facing portal
Model-Driven App	Admin and lecturer portals,
Microsoft Dataverse	Application data storage
Power Automate	Email notifications and workflow automation

Conclusion

The intake 360 Power Apps solution offers a robust and efficient platform for managing student applications. By automating key processes and providing a user- friendly interface, it enhances the overall application experience for students and streamlines administrative tasks for educators and administrators. This comprehensive solution ensures that the application process is transparent, efficient, and easy to manage, ultimately benefiting all stakeholders involved.