



Team 5

MARCUS, DAVID, MATT, KENNETH

Project Proposal

- ▶ For our project we will be implementing an application to handle students in the advising center.
- ▶ The application will be have multiple forms for personal information, course information, appointments, and student lookup.
- ▶ Option for manual input from the student or automatic retrieval of information by scanning their UTSA ID card in a card reader.

Card Reader

- ▶ Card reader is a USB device that you can plug into the computer.
- ▶ When the card is scanned it will output information of the student to the current text field.
- ▶ In the student sign in form, if the student chooses to scan the card, it should be able to fill in the rest of the information.
- ▶ When the banner id appears in the text field, it will begin a search within a simple student database for that banner id, and retrieve the rest of the information.

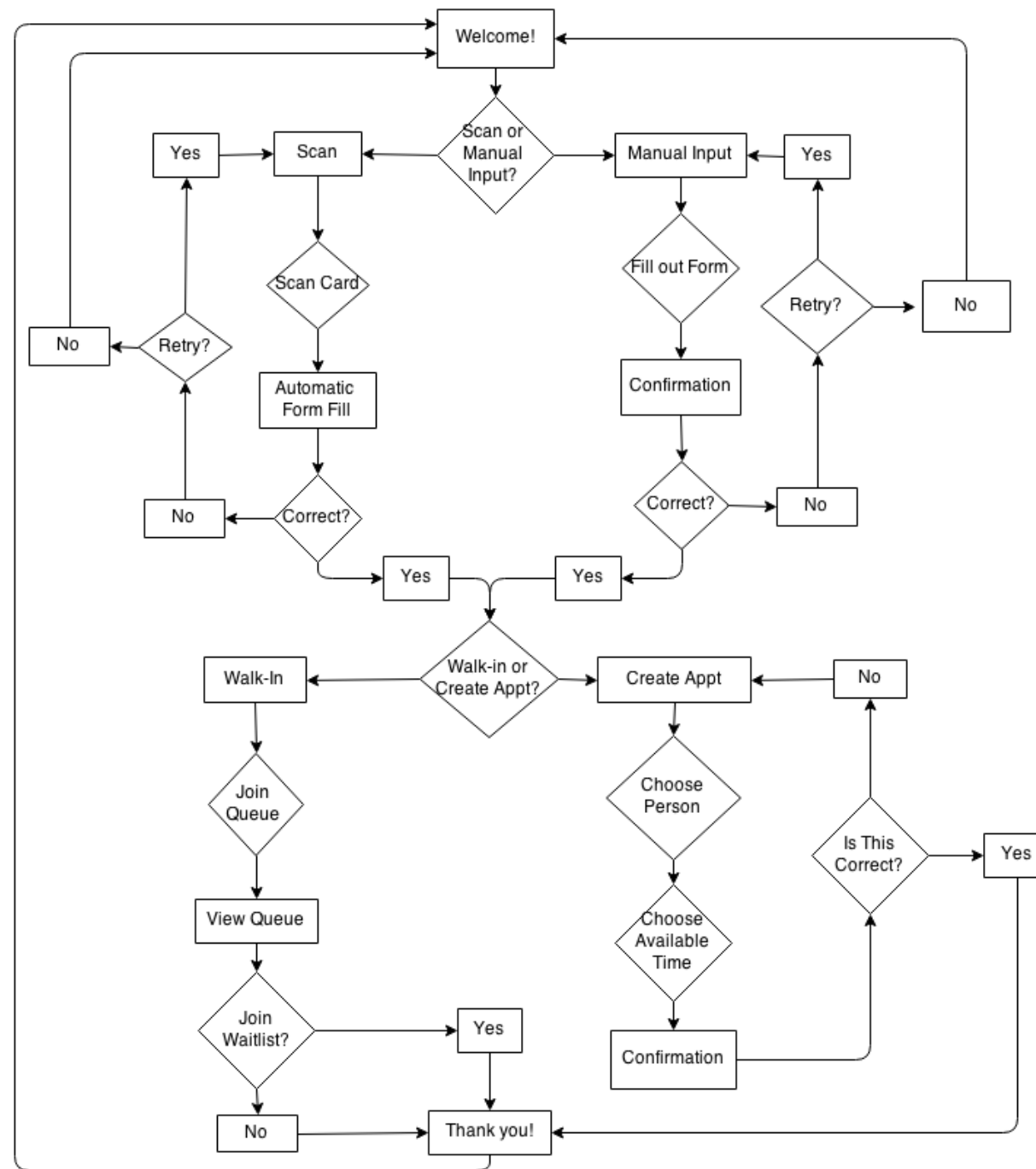
Student Database

- ▶ The database will most likely be a MySQL database and will use the necessary java libraries in order to carry out querying to the database.
- ▶ Will use XAMPP and phpmyadmin in order to create the physical database.

Appointments and Walk-Ins

- ▶ Another database will store the current appointments with assigned dates and students.
- ▶ There will also be a GUI for a waitlist to handle walk-ins and will operate like a standard queue that could be implemented with ArrayList.

Flowchart



Milestones

- ▶ Card reader integration, GUI forms, appointments, walk-ins
- ▶ Integration with physical database such as MySQL
- ▶ GUI application that will show student their current classes taken, and the classes that they can take next semester in their major.
 - ▶ Will have to interact with ASAP somehow to get listings of classes, or just download a csv of the semester and determine what classes can be taken for that major.