Fall 2019 Senior Design Project – Mobile Application for UW Study Abroad Office

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Objective:

The goal of this project is to present the study abroad office with a mobile application that can help both students and advisors through all stages of the education abroad process.

Initial ideas:
- Some way to help the students decide on a school or program that will be the best for them
    - Searching by location, classes offered
    - Some kind of quiz/questionnaire to narrow choices down?
- Providing a way for students to connect with students that have previously attended the program
    - Blog or posts from student that previously studied there
    - Information on classes that successfully transferred
- Notifications for reminding students aboard of important UW dates
- Notifications for schools you are interested in
- Cost of the program
- Resources on scholarships/financial aid specific for education aboard
- Recourses specific to the school the student is at
- Login with UW credentials
    - Login with facebook or another account?
- Inbound/outbound information
    - Contacts for people coming into the university
    - Events and clubs
    - Opt-in for contacting other inbound students
    - Popular destinations in Laramie
    - Basic information for on campus

Initial needs:
- Administrator/editing view for advisors to add new information
    - One app for advising, the student app pulls data
- View/tab for prospective education abroad
- View/tab for students who are currently abroad
- View/tab for students who are currently abroad
- Notifications for updates
- Working with UW IT to use UW sign in
- Accommodation for all mobile devices
    - Flutter?
    - Swift?
- Host
    - Azure/Azure Web Apps

- Funding
  - Honors program
  - University
- Ask study abroad office for what information they already give the incoming/outgoing students so that we can put that same information into the app

What to do

- Look into flutter and if it would be beneficial to use
- We should build a proof of concept on Android of app and of database (for presentation)
  - Live demo
- Ward for help