WWU Office Hours

Michael Farrier, Ken Jung, Joseph Tully
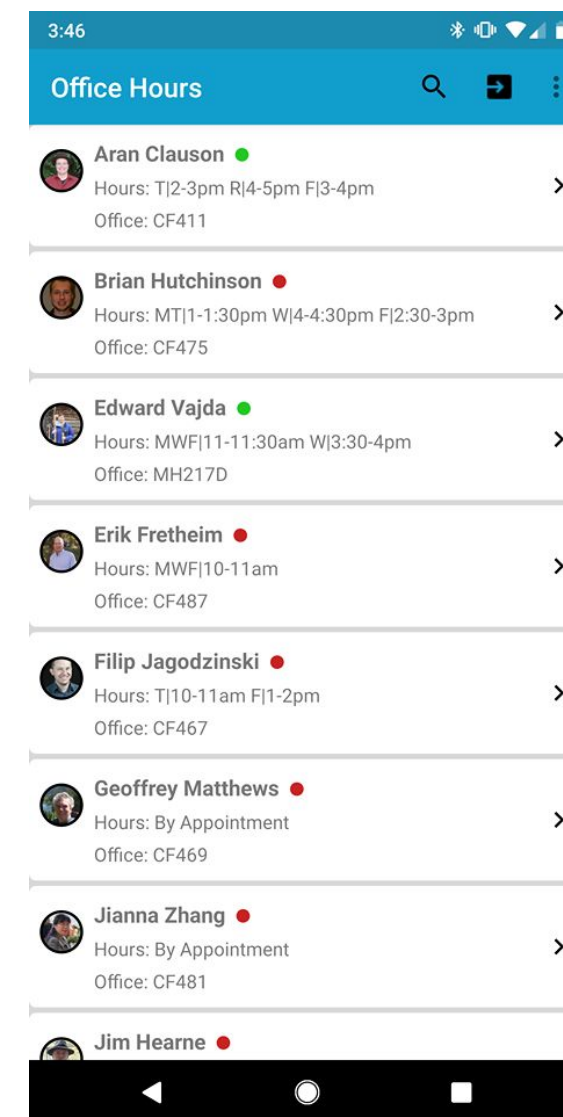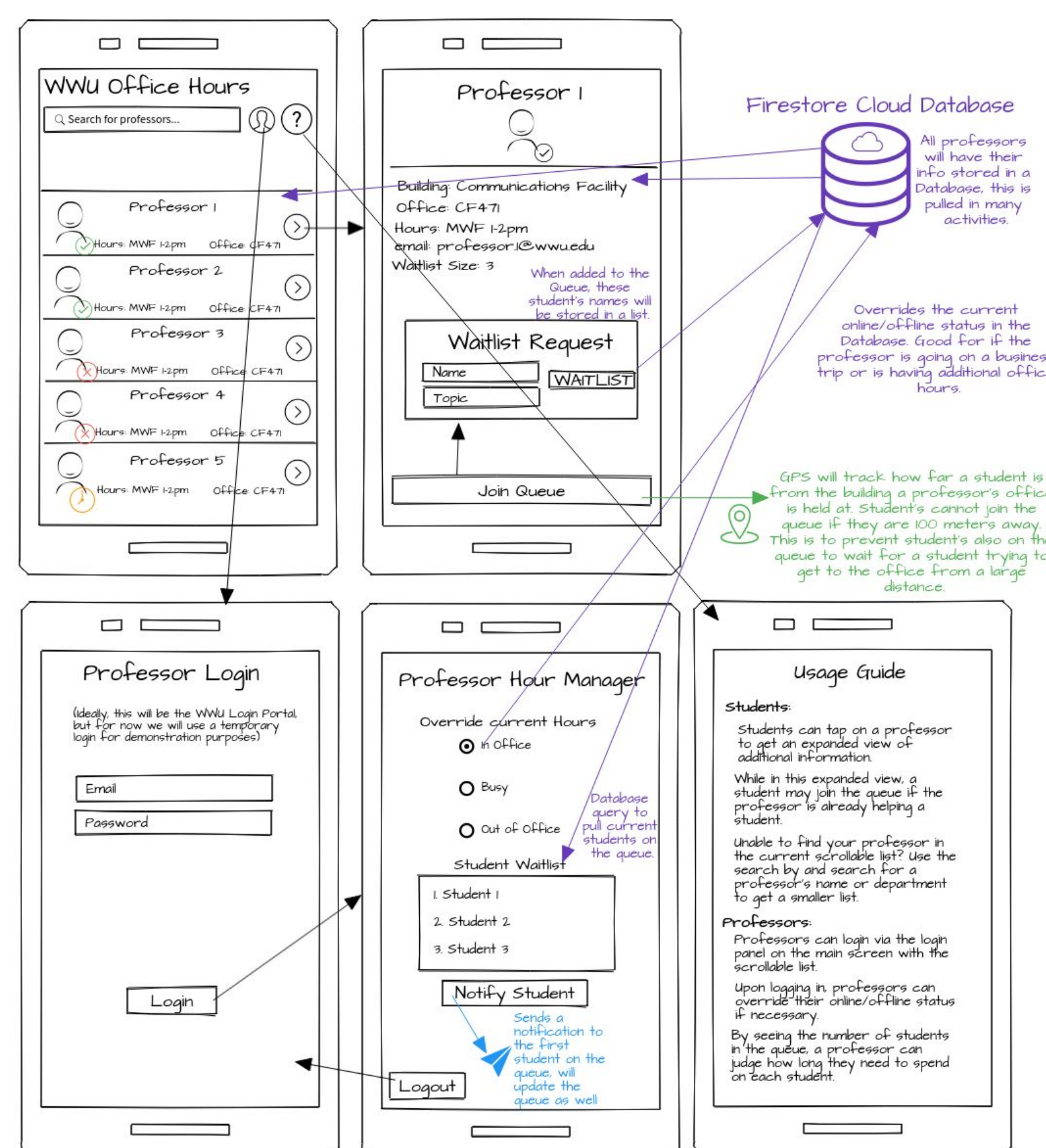**Advisor:** Dr. Phil Nelson

Background

Traditionally at Western Washington University (WWU) a professor's office hours can be found in multiple places such as websites, the syllabus, or the office itself. Our project, WWU Office Hours, is an android application that stores the times a professor has office hours, their room, and their email. This will save student's time from having to search in an inefficient manner for a professor's office hours.

Proposed Solution

- Centralize where office hours can be found using a database that can be passed on to WWU.

- Allow professors to have full control of their office hours by setting when they are in and out of office. This can later utilize the WWU login portal.

- Students can queue up for office hours and be notified once the professor is ready to see them. This allows students to continue working while they wait for office hours.

- Along with professors able to control their hours, they can also view how many students are on the queue. Thus, allowing them to be more conscious about how much time they need to spend per student.
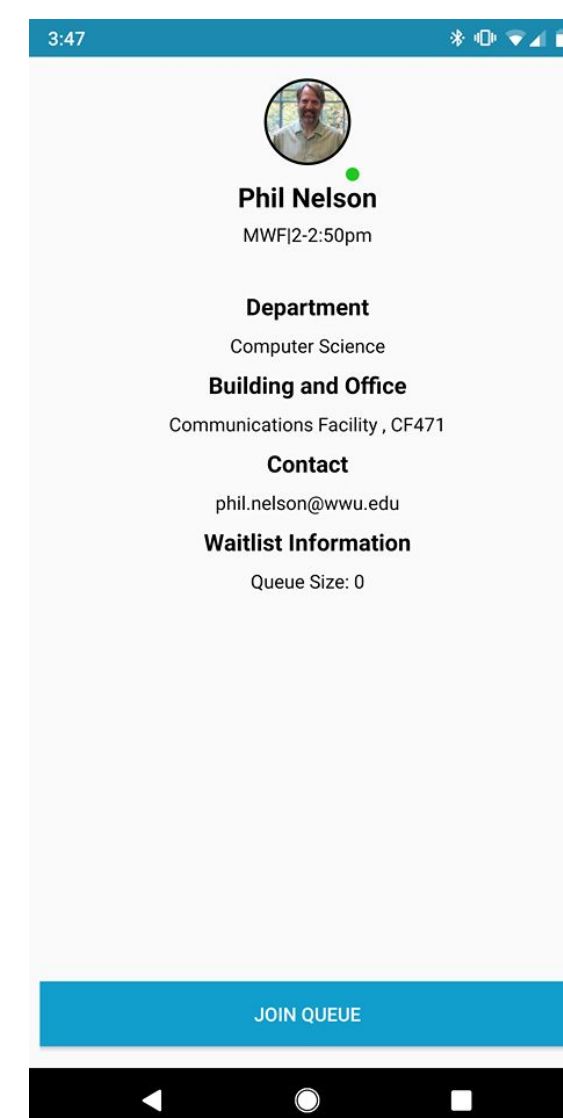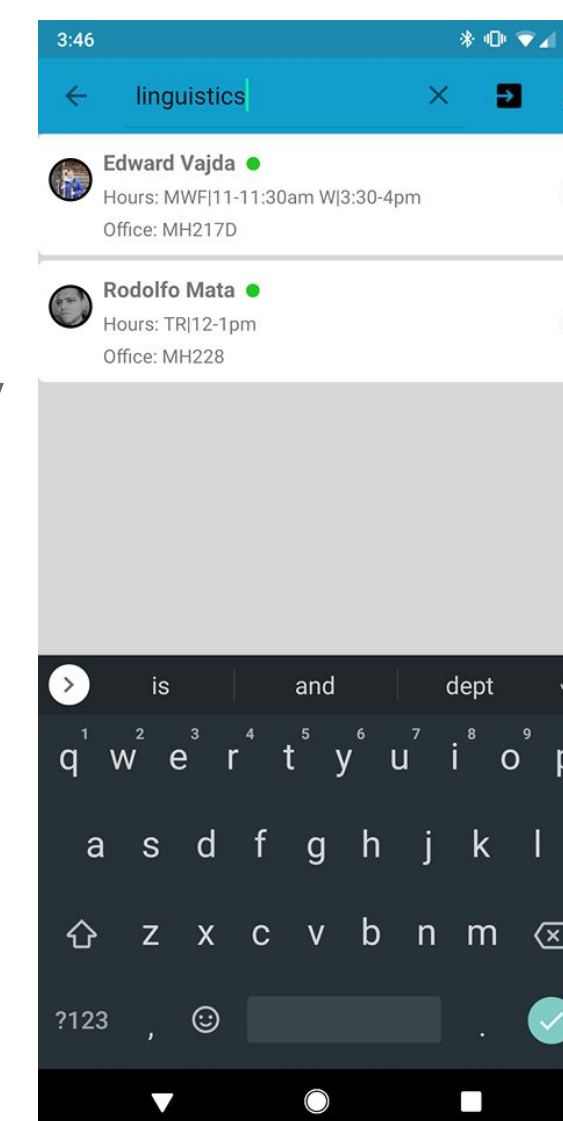
Wireframe

Minimalistic & Quick to Find Hours

By default, our app opens to a scrollable view of all professors that right away includes their office and hours.

Can't find your Professor? Search!

Too many professors to scroll through? Try searching for the professor by either looking them up by name or department.
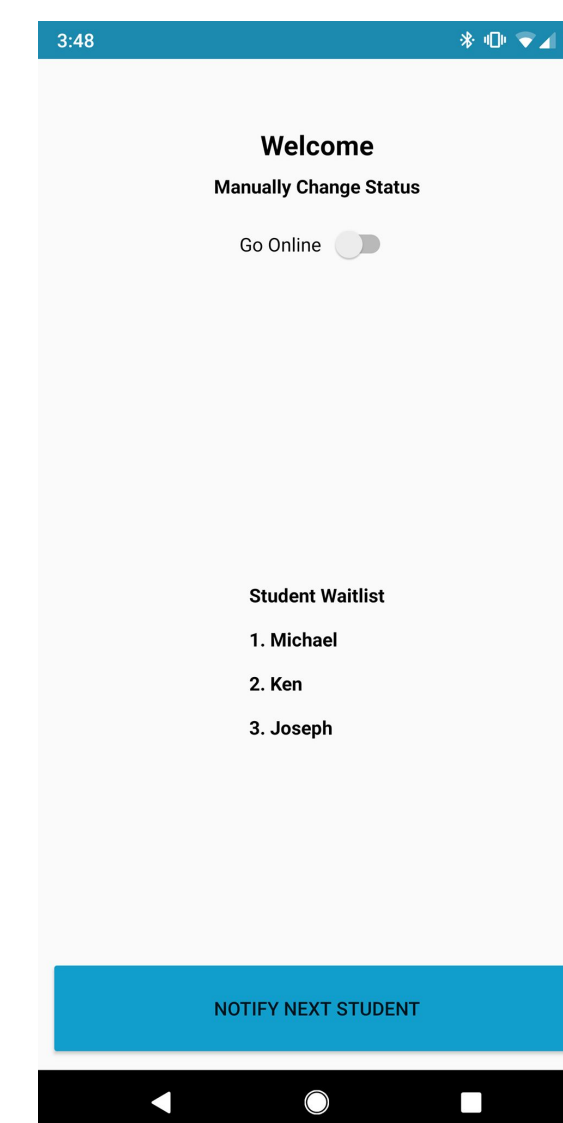
Professor's Details in a Compact View

Once you find your professor all of their information can be found here. Student's can even join a queue which can be viewed by the professor.

Control & Flexibility for the Professors

Professors can control when they have office hours by going online or offline. Professors can also become aware of how many students need help for

Current Features

Central Location for Office Hours
- Scrollable list of professors pulled from a database. Indicator lights tell the user if the professor is in office or not.

View Information of Specific Professor
- Tap on a professor to receive more information. Includes department, building, and contact information.

Searching
- Students can search for a specific professor or department and the list will filter accordingly.

Queuing
- Students can also queue up for a specific professor to get notified when the professor is ready to see them.

Professor's Control Panel
- Professor will be able to set when they hold office hours and notify students once they are done helping the current student at the top of the queue.

GPS
- User's must be within 100m of the building to queue up for office hours.

Future Features

- Student accounts to allow more customizability such as favoriting professors.
- Gamification can be introduced through encouraging students to go to office hours with valid questions and the professor rewards them with in-app cosmetics.
- Integration with the WWU login portal to avoid having to create a mock login screen for professors. This can also be used for students as well.
- Include more departments and professors once we obtain access to a single location that has all the information necessary (or do the work ourselves).
- Grant database access to a department manager who can go in and update all the hours for each professor in their specific department as a new quarter starts.
- Grant professors more customizability by allowing them to set a description on their professor page, change pictures, and add additional details.

Created With