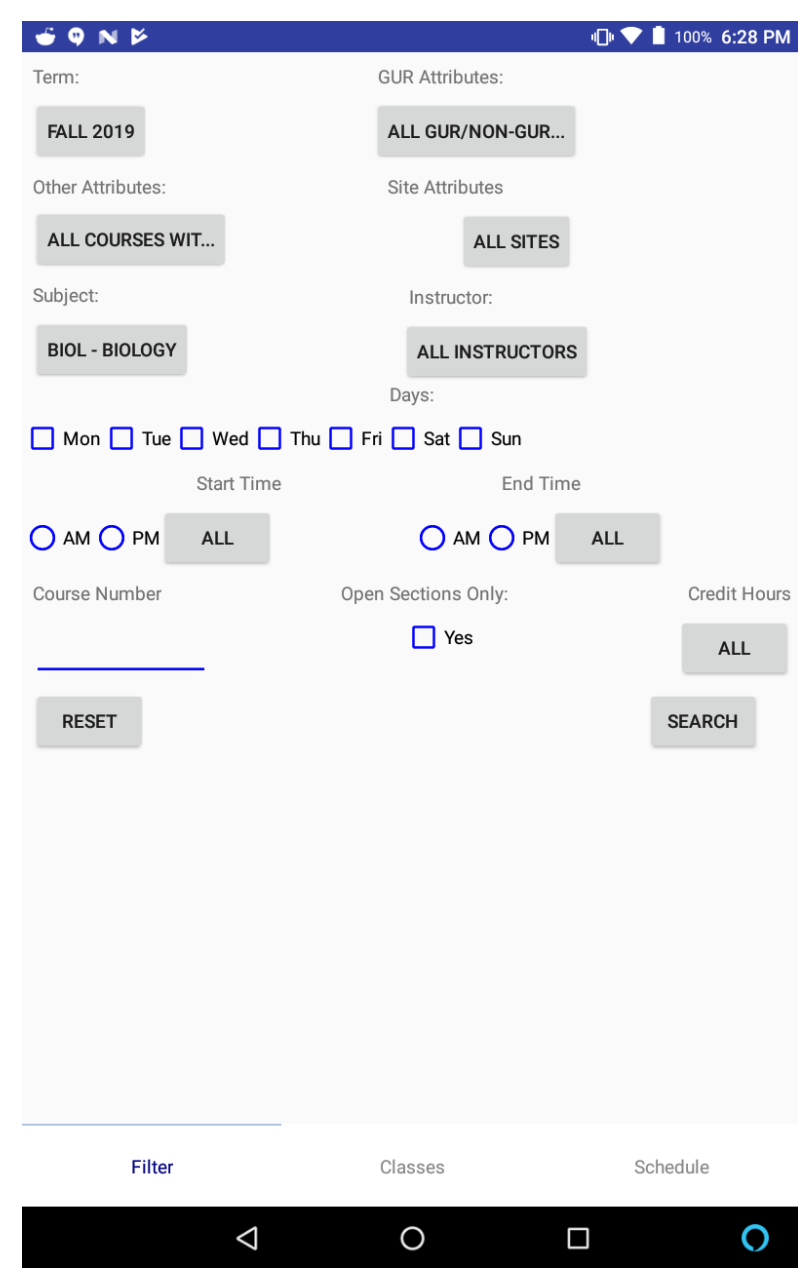


# Classfinder

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Our project was simply to port Western Washington University's Classfinder service to a mobile platform. Though we found that a few key features could really elevate the user experience that were missing from traditional classfinder. Among these features include the ability to create multiple mock schedules, the ability to go directly back to the search results page, and obviously the ability to do all this on the go on one easy platform.

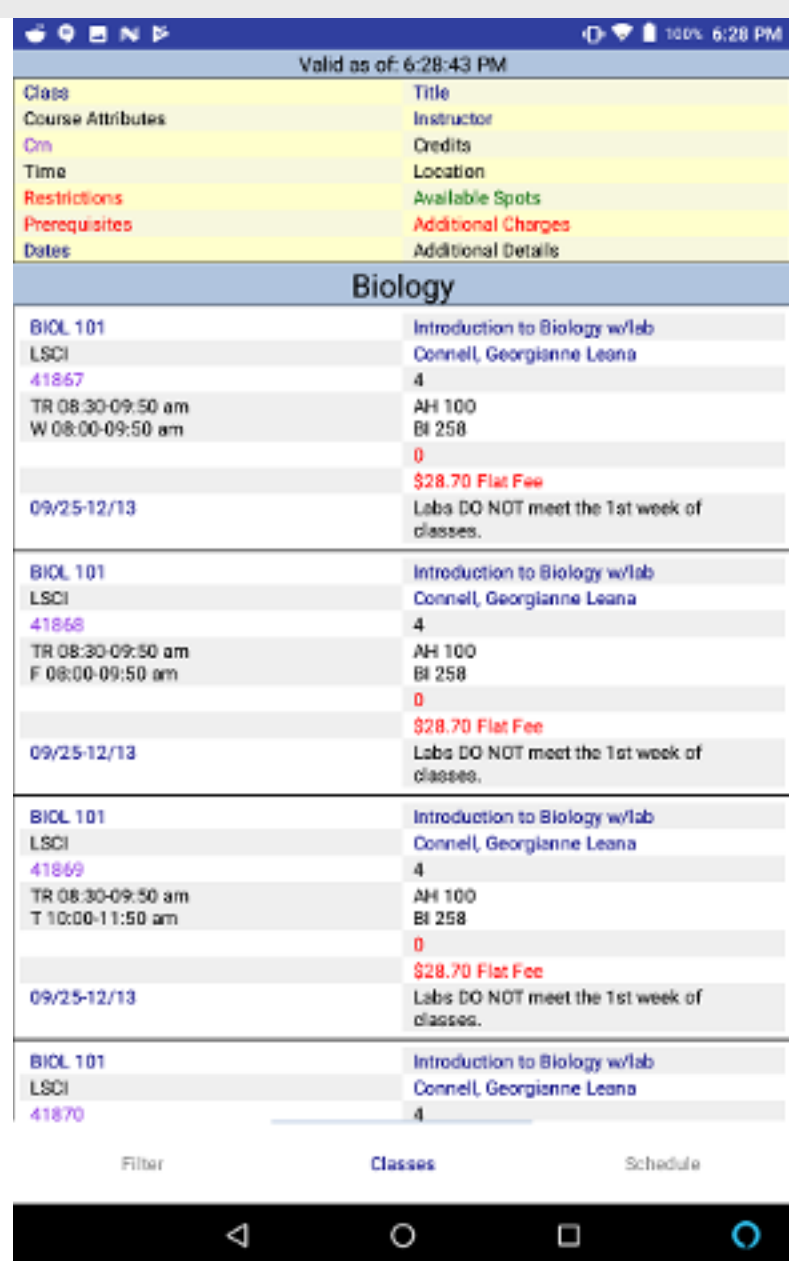


## Filter

- Upon opening the app you are greeted to a view of parameters which define what classes you search for.
- Our filter page is modeled after classfinders search page and we offer all the same search parameters.
- Parameters acquired by a "post" to classfinder.
- As long as classfinder undergoes no major format changes, our app should work indefinitely.

## Results

- Once you navigate to the results page, all classes which match your search will appear in a scrollable display.
- Unfortunately, while on classfinder you can click a class name to view a short description of the class and it's goals. Our app is missing this feature.
- Hold down on a class to start "dragging" it on the schedules page and you can drop the class in whichever schedule you desire.



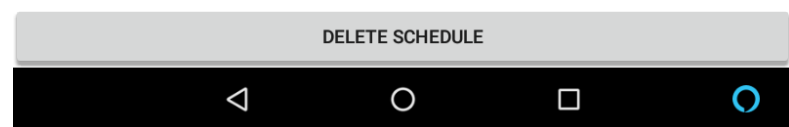
## Schedules

- Our schedules tab is empty to start, only with a title at the top, a field to edit text, and a button.
- Any number of schedules can be added to this page by entering a schedule name and clicking the "add" button.
- Once you have classes added to a schedule, you can click a schedule name to navigate to its detail view.

## Schedule Detail

- A schedule's detail view displays a class schedule in a week based timetable.
- Whenever a class starts, we add its name to that time in the timetable.
- View of all class names and their respective CRN number in a scrollable view.
- For when you've decided you have no use for that current schedule anymore, there is a large delete schedule button conveniently placed at the bottom of the view.

Biology Schedule					
	Monday	Tuesday	Wednesday	Thursday	Friday
7:00					
8:00					
9:00					
10:00				BIOL 101	
11:00			BIOL 204		
12:00		BIOL 101		BIOL 101	
1:00					
2:00	BIOL 204		BIOL 204		BIOL 204
3:00					
4:00					
5:00					
6:00					
BIOL 101					41877
BIOL 204					42242



## Challenges

The largest concern for this project was that we would try to pull too much information too often from the classfinder website which could slow down the classfinder service. We decided to keep this in mind during development and we only send a "post" to classfinder when the search parameters change and the results tab is selected. One downside to this is that we do not have constant updates to class availability, but we preserve the integrity of the classfinder service.

## Future Works

- Ability to share schedules with others
- Save schedules and classes to a database
- Ability to clone schedules
- Ability to add classes to multiple schedules at once