

## UCSC Course Finder Release Plan

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### **Release 3.4.16-0.1-1.26.16**

#### High Level Goals:

At the end of sprint 3, we wish to have a functioning mobile and touch friendly platform for searching courses at UCSC. We hope to mimic much or all of the functionality of the PISA or myucsc class search, but in a modernized, efficient, format. This will include searching backlog as well as current classes with parameters for term, session, status, subject, etc. We hope to add an additional contextual text search to the standard drop down menus. The UI will be scalable to all platforms and screen sizes. Our goals are listed in priority as follows --

Extensive and accurate documentation

Be able to have a basic website running on a local server

Have an intuitive and flexible UI connected to a lightweight backend.

Having an extensible and modular framework for quick development.

Be able to handle multiple service requests from users

Be able to set up and deploy changes to the web service quickly.

Automate testing of site functions for incremental release

#### User stories for release:

##### Sprint 1: Set up environment

- As a developer I want to set up a server environment (1)
- As a developer, I want to quickly deploy and update a database (5)
- As a user, I want basic search functionality (5)
- As a user, I want a touch friendly UI (5)

##### Sprint 2:

- As a developer, I want to quickly and efficiently query my database
- As a developer, I want to handle multiple client requests
- As a user, I want a scalable UI
- As a user, I want a mobile friendly UI

##### Sprint 3:

- As a developer, I want to return complete course information to the user
- As a developer, I want to have user sessions and caching
- As a user, I want to be able to return to my previous page
- As a user, I want to be able to search by text keywords

Product Backlog:

- As a user, I want an account to store a set of classes and their information
- As a user, I want to be able to get email notifications when class info changes