

COSC 345 YEAR LONG PROJECT 2020

BACKGROUND

The COSC345 year-long project is based around a theme. This year's theme is "anarchy". That is, you should build an app that irritates the maximum possible number of people. Discriminatory apps will be rejected.

REQUIREMENTS

You *must* form teams of 3 or 4 anarchists (no more, no less). You *should* do this by the end of week 2. You're going to build an iPhone app in SWIFT.

During semester 1 you will design your app, start implementing it, and deliver an alpha. During semester 2 you will finish your app, feature add, and use it to irritate people (by releasing it and using it).

DELIVERABLES

You will submit your assignments by emailing me a public github.com URL along with the tag name of the version you wish to be marked. I will build your app from its source code and I will test it - so be sure to tell me how to: (a) build your app, (b) run your test harnesses, (c) run your app.

ASSIGNMENT 1 10 PERCENT 3RD APRIL 2020 SEMESTER 1

Deliver a written report on: What you are going to build, who your anarchists are, how you are going to build it, how long it will take to build, what the establishment already has that your app will do, how your app differs from that, and who you are going to irritate by building it, and why they will be irritated.

ASSIGNMENT 2 10 PERCENT 29TH MAY 2020 SEMESTER 1

Deliver a working alpha release of your app along with developer documentation that a new anarchist can use to understand your program if they join your team of anarchists.

ASSIGNMENT 3 10 PERCENT 31ST JULY 2020 SEMESTER 2

Deliver a working beta release of your app along with updated developer documentation.

ASSIGNMENT 4 10 PERCENT 25TH SEPTEMBER 2020 SEMESTER 2

Deliver your finished, working, debugged, app along with user documentation, and maintenance documentation for the anarchists who come after you.

NOTE

The department has an Apple developer account that can be used to get submit apps to the app store. Later in the year you can submit your app for approval. In the spirit of anarchy, your app will be free for download if you use the department account.

