

# FAF.CS16.1 Fall 2020

## Lab 8: Email Confirmation

**Handed out:** Tuesday, November 3, 2020

**Due:** Tuesday, November 10, 2020 (20:15)

### Email Confirmation

Some applications choose email confirmation as an additional step when signing up a new user. This allows users to restore forgotten passwords and applications to protect from fake, spam accounts. The task for this week's laboratory work is to create an application that would perform email confirmation.

You'll first need to create an application that could register a new user. However, the application must also require email confirmation (via a one time password / code or via a link). After confirming their email, a user should be able to see that their email is confirmed. To summarize:

- Create an application that could register a new user;
- Perform email confirmation (via a one time password / code or via a link);
- Output on the screen whether a user confirmed their email or did not confirm it yet.

### Reporting

At the end of this lab, you will need to present your source code and a screen recording of the functionality that you have implemented. The links to your video and source code must be uploaded on Moodle, in the [Submit Lab 8](#) assignment activity. Don't forget to make your code public on any hosting service of your choosing (e.g. Github, Bitbucket etc.). I'm quite sure nobody reads about this *readme* file ([here's](#) a tutorial on how to make a good one).

### Grading

At the end of this lab you are expected to provide an application that would contain the features described in the previous chapters. Showing working features in a terminal or a GUI with only a subset of features and placeholder buttons is also acceptable, for a penalty. However, be aware that you'll still need to implement whatever you skipped for the following labs. What is not acceptable is *not providing anything on the day of the deadline*, so don't do that.

**Good Luck!**