

# Software Security

## hand-in assignments

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# Hand-in 1: Django newsletter signup application

## Assignment:

Create a basic Application using the Django project framework.

The application should include a form for signup to a newsletter, and save this information. The fields to accept are: Username, First names, Last names, Email

A script for adding test data to this system should also be developed - make sure it contains some bad data too.

Must be handed in as PDF and code at latest on October 10, 2021. Teams up to three are allowed. Make sure to list team members in the report.

You are expected to use no more than 20-30 hours on this. Main takeaway is to understand frameworks such as Django exist, not to make a secure production ready application. If you run out of time during the project, describe how far you got - and importantly what obstacles you met.

Code must be handed in as zip or link to repository, if private Github repository used should allow access to Github user `kramse`

## Help:

Using the Django admin site can help by showing data entered in your application. You don't need to program much more than a single form and possibly a front page or menu.

The report should include the following sections at least:

- Title, Table of contents, formal report thanks
- Confidentiality agreement – Write "Confidential" on each page
- Appendices

Expect PDF as A4, portrait mode up to 5-10 pages with illustrations as needed. Maximum 15 pages.

Recommend to use a report template with table of contents, front matter, page numbers etc. You can use Word, Google Docs, LaTeX, whatever you feel most comfortable with.

**We will do the hand-in through Fronter!**