



School of Computer Science and Software Engineering

CITS3403 Agile Web Development — Lab07

Exercise 7: Linking in a Database

In this lab we will link a database into our flask application. We will install SQLite and then build some basic models, linked into views.

Project work

By now you should have formed a project group, and begun discussing your ideas for the project. Your project should be register using [this application](#). If you haven't found a group partner yet, please see your lab demonstrator.

This week, you should have your project concept worked out and be thinking about the models and views you will need to implement. Develop some wireframe mocks of what you would like to the interface to look like, and see your lab demonstrator for feedback. Consider how it will be displayed on different sized devices, and how (and why) you would expect a user to interact with it. Also consider what routes you expect your application to serve. Make some mock web requests. You can use [Apiary](#) or [Postman](#) so you can use these requests for testing later on.

Getting started with SQLite

Install SQLite on your system. Follow the instructions [here](#) and then work through this [tutorial](#). Make sure that you understand the basics of relational databases and SQL.

Link your database into Flask

Continue with chapter 4 and 5 of Miguel Grinberg's [mega tutorial](#). This will link in databases, and provide some basic authentication for users.

UNIT COORDINATOR

[Dr Tim French](#)

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LAB FACILITATOR

Mr Michael Stewart, Mr Tom Smoker

CONSULTATION TIME

Where: CSSE rm 2.14

Time: Wednesday 11-12pm

No appointment needed.

NEWS:

- ❖ [27 Feb 2019] This unit currently has 105 CITS3403 students and 29 CITS5505 students enrolled.
- ❖ [27 Feb 2019] Labs start in week 2. As Monday marsch 4th is a public holiday the first lab will be in Wednesday. Students in the monday lab can do the labs the following week.