# Project ReflectionJCU_Logo_RGB for CP1404 2016 SP51 Assignment 2 – Items for Hire – GUI

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1. How long did the entire project (assignment 2) take you?

I worked on the project over two weeks. The project was not completed however fundamental parts of it were completed which were the main button layouts and having the program read from the csv file.

2. What are you most satisfied with?

I was extremely satisfied with being able to load the files from the csv and have it show up on the buttons. Also being able to write a new entry into the csv file from writing in the fields on the add new item section of the program.

3. What are you least satisfied with?

I was least satisfied with the amount of time I spent attempting the make the buttons change color when they were pressed. I did a lot of research on the internet including kivy documentation but I still found it extremely difficult and I was not successful.

4. Describe your development process.

The first step was to make sure the kivy file was loaded correctly onto the python code so I was able to run it in pycharm. The second step was to create the layout of the buttons. Then to extract the data from the csv file and make that show up as buttons. Then the add a new item section was writing and I was successfully able to write in the section and save the new data into the csv file and have it show up with the rest of the items.

5. What worked well in your process?

What worked well was the ability to debug certain problems. A key part of the development process was using bits of print code to make sure parts of the program were being run.

6. What about your process could be improved the next time you do a project like this?

To have done some more practice using Kivy before-hand. However with me enrolling in the subject late I didn’t have as much time to get as much practice as I would have liked too.

7. Describe the main challenges or obstacles you faced and how you overcame them.

The main challenge I encountered was to load the items from the csv file into the program and then save it once the list of items was altered. These obstacles were overcame by following the programs code from the very beginning and using the help of my tutors and information on the internet to find the most suitable solution to the problem.

8. Describe what resources you used and how you used them to help you complete this.

The most valuable resources of information would be my tutor and lecturer. While writing my program I was always ready to ask a question when necessary.

9. What were the main things that you personally learned from doing this project?

Obviously, a lot was learned about how Kivy and Python work and the various things you can do with it. What was personally learnt was that to understand things you have to have persistence and the will to understand the problems and always be ready to ask for assistance from your peers and teachers.