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

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**https://github.com/SamuelJDixon/angry-koala/tree/GUI**

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

The Items for Hire GUI project took me around 40 hours to complete. This time was spent working on the project by myself and collaborating with other students.

2. What are you most satisfied with?

I am most satisfied with my use of Kivvy and how the GUI looks. It was interesting working with python and Kivvy to accomplish a more visual representation of the program.

3. What are you least satisfied with?

The thing that I am least satisfied by with my Items for Hire GUI project is the overall functionality. It works to an extent, but not perfectly and not in the way that I would like. If I had my time over I would have spent more time liaising with tutors to iron out any kinks I may have had.

4. Describe your development process.

My development process was an interesting one. I started development by looking into the Kivvy lectures and practicals then working on the Kivvy. After this I started to work on my code for the program. I then realized that I needed to go back over my old assessment code and pick out the elements that would be useful. After this I went through all of my code and got it all working together and made changes to it all as a whole.

5. What worked well in your process?

The process worked well when I got to the final stages, as it allowed me to focus on all elements of the project and get it working as best I could. Being able to see all elements of the project together and visualize how it works helped me greatly here.

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

The initial stages of my development process where quite rushed and disorganized which made for an unpleasant experience. The next time I did a project like this I would manage my time better, make a more consistent plan for my development process and work through the problems I faced more efficiently.

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

The main challenges I faced all came down to fundamental understanding of the code and certain problems. I have a tendency to tunnel on one problem for too long and end up wasting time. The best way I found to overcome these problems was to work collaboratively with a group. Working in this way forced me to think differently, allowed me to bounce ideas off other students and made me abandon problems that I would otherwise have spent too much time on.

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

The main resources I used for this project was collaboration with other students. The lecture slides and course content was also very beneficial. I found that group study helped me come to solutions faster than working on my own sometimes.

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

The main things I learned from doing this project were I need to manage my time better, and focus on problems I face in a better manner. If I break problems down to the smallest form, allot a certain amount of time to try and solve them and move on if I cannot I feel I will perform better in future assessment.