**CP1404 Assignment 2: Travel Tracker 2.0**

**by**

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

It took me exactly 8 days to complete the project as I had no prior experience with Kivy or Git and I wanted to learn and understand the programs so that I can complete every single given task in the assignment while trying to implant extra functions and also understand the program well enough to use it in the future as Python is a general purpose programming language that is being widely used in many of the technical fields these days.

**2. What are you most satisfied with?**

I am most satisfied about being able to complete all the given tasks with minimal references to the resources apart from the ones provide by the lecturer and learning to use a couple of new programs I hadn't heard of before taking this course.

**3. What are you least satisfied with?**

I am least satisfied about not being able to use a few extra features I tried to learn from other resources to enhance the aesthetics of my GUI. I tried to impliment:

* Hover Behaviour to the GUI buttons to highlight a button when the user points the cursor over it but failed after several attempts as the Boolean condition always returned false when I moved the cursor over the button
* A small image of the places that have already been saved to make the Interface different and interesting but It made the interface look shabby and incomplete and did not work most of the time

**4. What worked well in your development process?**

I was able to learn and Implement classes very easily as I have learnt other Object Oriented Programming Languages like Java, C++ and a little bit of Ruby and I'm really interested in the field of designing application User Interfaces so developing the GUI worked well for me as it was really interesting

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

The next time I do a project like this I should improve on my time management as I spent a lot of time trying to learning things about Kivy and Python that was really advanced for me as I only have a few weeks of experience with the program, rather than focusing on the task given to me and finishing it in a hurry in the last moment.

**6. Describe what learning resources you used and how you used them.**

The resources I used to learn are:

* The given GitHub repository
* <https://kivy.org/doc/stable/tutorials/crashcourse.html>
* <https://pythonprogramming.net/kivy-language-tutorial/>
* Several YouTube videos

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

The main challenge I faced was not in the subject but it was managing my time as I had to prepare for 2 presentations and an assignment of the other subject to give on week 9 and 10 and managing my time between them was difficult

**8. Briefly describe your experience using classes and if/how they improved your code.**

Since I already had a little experience with classes before this course it was easy for me to grasp the topic and implement it in my assignment. Classes helped reduce repetition of code and also helped group together related objects