

Week 10 Meeting Notes

1. Call to Order

A meeting was held at 33 Charles St East on 11 November 2022.

2. Attendees

1. Regan
2. Riley
3. Jared

3. Open Issues for Week 10

1. Functional requirements (Riley's progress)
2. Acceptance Testing and Deployment on Github Actions (Jared's progress)
3. Presentation Slides (on 28 November 2022)

1. Functional requirements

From the previous meeting, the top 5 features have been selected by our feature importance algorithm and we have also gone through the process of how we should test for the appropriate inputs and outputs of our web application. There were slight delays with this particular topic because Riley dislocated his arm during sports and was unable to continue his work during the previous 2 weeks. However, during the meeting, Riley has highlighted to us what is left for this part of the code and reassured us that everything can be done before our final meeting (weekend before the deadline of Assignment 3)

2. Acceptance Testing and Deployment

Testing requirements have been confirmed and agreed with by the rest of the team members. Jared has also successfully used Github Actions to create a continuous integration and continuous deployment pipeline to ensure that all the code that is pushed will be automatically tested and deployed. We also had discussions on whether it was necessary to rerun feature importance every time an input was entered by the user. However, after considering the factor of time and practicality of this, we decided against it. To refetch the data, clean it and rerun the machine learning model to generate the 5 most important features would be too time consuming to generate a single output. Furthermore, we agreed that the most important features will not change that often and it would be perhaps more practical to only rerun the algorithm every 3/6 months. This will allow us to be able to capture any significant changes.

3. Presentation Slides

A skeleton of the presentation slides have been created towards the end of this entire meeting such that we will be able to give the class a brief, yet clear and concise overview of our entire project while meeting the requirements highlighted by the

Professor. Regan will be spearheading the creation of the slide deck and will churn it out before **Friday 18 November**.