April 7th meeting minutes

* The meeting started with Michael sharing his screen and showing us the product backlog that he did.
* It was apparent that the First user story was already in progress and almost finished (As a first time user, I want an easy to understand and traversable GUI).
* We spoke briefly about the possibility of having hyperlinks on the GUI so when we click on a stock it forwards the user to a site pertaining information on that stock.
* We then spoke about how many user stories we should have in first sprint and decided to bring it up again later in the meeting after we saw where everyone was at.
* We did however identify an initial 8 user that were crucial for the first sprint.
* We then continued to speak about where we want to be by the end of sprint 2.
* Due to there being no due date on the sprint assigned to us by the university as a result of the lockdown, we decided to set our own mini-deadline to have the sprint done before the university opens again.
* Nicholas then showed us what he did.
* Nicholas was very successful in extracting the non-standardized data.
* He decided not to put the data on Github as the data is classified and could not be released to the public.
* Instead Nick copied the data across to an excel spreadsheet
* He then used Jupyter notebook effectively.
* He saved the data on excel as a .csv file and that allowed him to access and manipulate the data on jupyter.
* It was clear that Jupyter was an effective mean to extract and showcase the data as it was easy to understand and use.
* Nick was able to plot graphs over time of the data on whichever information he wanted for example:
  + Returns
  + Equity
  + Return asset
  + Return on asset
* After discussions we decided to have Nicholas send the code to everyone so that we could all use it to access the data.
* Arthur then proceeded to show us his progress with the GUI.
* The GUI has basic functionalities and the group were pleased with How far along Arthur was with the GUI.
* Arthur then assigned himself the task of adding the graphs Nick had made on Jupyter to the GUI.
* The group decided that this was a big task and that it did not have to be completed in one day.
* Arthur however decided that he would try get it all of it done by the next meeting.
* Arthur also said that one of his aims for the GUI was to get rid of the tick and grid marks as well as look at adding a login page for the GUI
* We concluded that this is the basic functionality of the GUI that would satisfy our Client as well as the what is needed before we can move forward.
* Rashil went through the designs he had made for the GUI and sent pictures of the designs to our whatsapp group.
* We then spoke in summary about what we wanted done by the next meeting.
* For Arhur it was to start getting the graphs that Nicholas had made onto the GU as well as begin working on the login page.
* For Rashil it was to get PyQt up and running as he was having issues with the install, Arthur has a useful PDF on PyQt and said he’d forward it to the group.
* Andrew would try and link everyone to Taiga and continue to record the meeting as well as have a look at how taiga links to GitHub.
* Michael had the good idea of getting everyone to gather information on stocks and assigned the task for us to gather information of 5 to 10 stocks.
* Michael also has the task of updating the product backlog fixing it up and sending it to the group.
* Nicholas was then left the role of sending through his code so the group could use it to move on.
* We concluded the meeting by reviewing the user stories and set the goal of having the first 12 done in the first sprint.