**Meeting Minutes – Captone Project – Stock Forecast**

**Location:** Zoom meeting

**Date:** September 18, 2023

**Time:** 12.30 pm to 1.30 pm

**Attendance:**

* Albert Wong
* Yew-Wei Lim
* Diana Ortiz
* Andrés Viloria
* Gurbir Bhangu

**Discussion:**

* The literature review conducted revealed a surprising amount of active literature in the last five years, particularly in the field of machine learning.
* The team had already conducted a meeting the previous week with Gubir to discuss have a general knowledge of the code and data.
* Albert clarified that not all articles were essential, and many references were available. They also mentioned the use of a thought management system called Mandalay.
* The capstone project team was encouraged to read the papers at their own pace, and Albert would provide access to the references.
* The team was informed about the ongoing work to organize a group of stock forecasts and the need for further research in that area.
* Albert shared a skeleton of the paper that the capstone project team would be writing together and mentioned the importance of rewriting sections and taking necessary actions.
* The existing work section, which included the literature review, was highlighted as a crucial aspect of the paper.
* Albert showed the excel file with all the metrics calculated in the previous work. Additionally, the empty metrics needed to be filled out by running the code in google collab to get the metric values.
* The model comparison file was explained and discussed the purpose to gather the results for the paper.
* Came to the agreement that due to the project status no hyperparameter tuning will be done for comparison purposes



**Action Items:**

* The possibility of presenting the paper at a conference was discussed, considering virtual or hybrid options due to budget constraints.
* The inclusion of 50 companies in the code for the project was mentioned, highlighting the need to consider the purpose of the work. This need to be done after the comparison of models is being completed.
* Pending meeting with Gurbir to receive recommendation about the current data and code execution.
* Complete the table provided by Alber with demographic info and re-run MLP using the stated hyperparameters