

## WEEK 2:

Name	Report
Alban PUECH	<p>done :</p> <ul style="list-style-type: none"> <li>- Get familiar with the different objects used in the backtest environment to implement our strategy</li> <li>- Modify the existing code of the backtest environment and run it with print statement to get familiar to it</li> </ul> <p>to do :</p> <ul style="list-style-type: none"> <li>- Learn how to manipulate and deal with the existing data structure of our inputs.</li> <li>- Start to implement my strategy.</li> </ul>
Maxime LAMY	<p>Worked with Khanh to try to complete portfolio and trading order classes. Had a meeting with Khanh to come up with more concrete ideas for the GUI and looked at some good examples to determine feasibility and features to implement. I will continue the collaboration in the hopes of writing more detailed classes with more GUI aspects.</p>
Vinh NGUYEN	<p>What I did:</p> <ul style="list-style-type: none"> <li>- Updated the documentation.</li> <li>- Added the formatter.</li> </ul> <p>What I will do:</p> <ul style="list-style-type: none"> <li>- Try Qt to draw necessary graph for the strategies.</li> <li>- Review code from API and GUI team.</li> </ul>
Maayane ATTIAS	<p>What I did:</p> <ul style="list-style-type: none"> <li>-finished linear regression and tested it with backtesting environment</li> <li>-got familiar with gnuplot</li> <li>-more research</li> </ul> <p>What I'll do:</p> <ul style="list-style-type: none"> <li>-work on a new strategy</li> </ul>
Frédéric Marcel TCHOULI	<ul style="list-style-type: none"> <li>- Fine-tuned the parameters of the EMA strategy and got familiar with gnuplot + read more about the Trading Deep Q-Network algorithm.</li> <li>- Next: Further improve the EMA strategy, create plots and begin implementation of the TDQN algo.</li> </ul>
Mehdi Makni	<p>What I did:</p> <ul style="list-style-type: none"> <li>- Finished the first features of the Stock class that calls the</li> </ul>

	<p>api successfully.</p> <ul style="list-style-type: none"> <li>- Implemented the base tests of the Stock class.</li> </ul> <p>What I will do:</p> <ul style="list-style-type: none"> <li>- Create a function that merges two QJsonObject (when updating the data of our stocks) in the Stock class.</li> <li>- Update documentation.</li> </ul>
Mira HAJAR	<ul style="list-style-type: none"> <li>- Understood Maayane's code and made sure there were no small details missing, backtested it.</li> </ul>
Vishrut Malik	<p>-Familiarized with the data structures used in the implementation of the strategy (Momentum). Since Momentum uses SMA strategy, understood the implementation of it.</p> <p>- Implement using SMA, momentum strategy.</p>
Mamoune Mouchtaki	<ul style="list-style-type: none"> <li>- Improve my knowledge on Qt GUI library and trying to know more about Qt Quick .</li> <li>- Tried to start building a stock display screen.</li> </ul>
Khanh Nguyen	<ul style="list-style-type: none"> <li>- Tried to complete portfolio and trading_order classes.</li> <li>- Switched to Qt containers from std containers.</li> <li>- Added documentation for compiling on Windows.</li> </ul>
Guruprerana SHABADI	<p>Got more familiar with Qt GUI library by reading more tutorials and watching videos. Started laying the foundations for the stock display screen.</p>
Rayen Ayari	<p>I got familiar with the Qt library and started implementing a drawing fct.</p>