**Overview**

**The client**

Our client, CSS, is the Computer Science society at the University of Bristol. They help making being a student fun by hosting many events/activities you can engage in alongside your course. Over the years, they have successfully hosted many competitions such as Game Jams, Hackathons and Capture The Flags. These events are often sponsored and catered with drinks/snacks, even breakfast as they can last up to 24 hrs.

Our main contact is Daniel Jones, the webmaster for CSS. We have discussed with him about the needs and requirements for the program we’re making.

**The Application Domain**

As mentioned earlier, there are currently no events held that help students delve into their

Interest in algorithmic trading. This event would allow students to get involved in trading and

do so in a manner in which they can directly compete with their peers and have some fun

alongside.

**The Problem**

Due to the coronavirus outbreak, there are severe limitations to events that can be held in person according to the university’s guidelines. Though currently there are events that help students nurture their skills in a vast range of subjects, there is nothing to do with algorithmic trading.

Our program would allow users (members of CSS) to take part in designing and updating on simulated stock markets.

**Our vision for the product**

We aim to create a system that is easy to use for both the pupils, who will be creating/updating the trading algorithm and carrying out the trades, and the CSS committee members who will be managing the program and analyse player performance to determine winners.

Since the two main users here would be the pupils and the committee members, they will both have a different set of requirements and features. We aim to create a system that gives easy access of relevant features to the relevant user.