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| **Expression of Interest** | | |
| **Project Title** | Foreign exchange trading | |
| **Organisation or Supervisor** | Refinitiv | |
| **Contact person** | Dylan Jackson | |
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| **Team Members** | | |
| **Name** | **Email Address** | |
| Mario Jose George Garcia | psymjg@nottingham.ac.uk | |
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| Buluthan Bozkurt | psybb4@nottingham.ac.uk | |
| **Description of Team Skills** | | |
| We believe this project will be a great way to learn more about foreign exchange trading, our team members come from a wide range of countries and so we keep up to date with the different exchange rates of currency throughout the world.  We agree with Refinitiv that financial markets will help global development. Refinitiv’s community-driven global platform is a great way of going about fostering increased global financial inclusion, and we believe that this project will teach us how to contribute to the breaking down of barriers in finance in the future.  Our team members are experienced in working in teams as a result of activities we have taken part in during academia and outside of school. Many of us have also studied economics and can therefore apply our knowledge of how exchange rates work into gamifying the application.  Our team member Zaki has worked collaboratively to develop mobile applications during a summer internship in an international organisation under work conditions.  Mario has had experience working abroad as a team-leader in different companies. Due to the skills he has developed, the team has chosen him as the team leader. In his last internship  Berk has had extensive experience with REST API in his internship and has also been teaching it to newer interns at the company. He has also been very interested in foreign exchange since he was young as he travelled often. This led him to follow the foreign exchange market closely.  Ian has had experience using agile techniques to plan and create a website for a company. He has had to communicate between different departments to pull all resources required for the site.  Buluthan has had experience in Android Studio, where in his spare time, he tried to develop an Android application.  We believe we are the right team because the skills and backgrounds we have perfectly fit the demands of this project. It also gives us an opportunity to develop our skills and gain new ones whilst working on the project.  **Highly Desirable and Desirable Skills**  Website development -  All group members have used HTML, CSS, JS and PHP to create a website which accepts inputs, retrieves information from a database and displays it. Members have extended this experience to produce functioning websites and applications for companies.  GIT and Testing -  Our team has used GIT in a team project and have resolved code conflicts with other team members submissions. All have also used Git to make branches for version control. The team all have experience in unit testing and integration testing, as well as making use of Git to integrate tested code.  Teamwork -  We have all worked in teams in both an academic and a work environment. Currently, we have an online schedule for team meetings and assigning tasks. We attended a team workshop for improving our group communication skills and finding creative solutions  REST API -  Berk will be able to help the team to learn how to use REST API.  Machine Learning and Data Analytics -  We studied an AI module at university, which included machine learning, big data and knowing when to use them.  Socket Based Communication -  We learned the fundamentals of socket programming last year and used these skills to create a program which allowed two computers to communicate.  Willingness to learn about foreign exchange trading -  All our team members are eager to learn more about foreign exchange trading. This project can help us better understand global capital flows while we improve our skills, and potentially give us further insight into each other’s backgrounds.  GUI Design and Coding –  Our team have all created GUIs on various platforms including Java Swing, HTML/CSS, Swift and J-Query Mobile. This project will allow us to further develop these skills or pick up new ones. The range of platforms our team has experience with will allow us to select the platform best suited to the project.  Ability to Document the Design and Plan Delivery –  Our team members have all taken a software engineering module in which we have created various UML diagrams to help the documentation and planning process. We have also taken part in a group course work where we had to create planning documentation and document the testing of a program. | | |
| **Date of Submission of EoI** | | 16th of October 2019 |
| **Date of Pitch** | | 22nd of October 2019 |
| **Notification of award** | |  |