Title Slide *(Ashley)*

Hello Capital One, we are Team 12.

We're interested in the opportunity to work with you, the mutual interest amongst our group being to work on a project that aids a business such as yourself.

The problem sparks Thomas' personal interest of augmenting daily tasks in the workplace, with behind the scenes team formation being as important as face-to-face business.

Our team members are very supportive of each other, carefully planning our team decisions as a group while allocating resources to aid our members in our individual tasks.

Our team logo is a connotation, the clock symbolises our punctuality, which has been a key factor of our work, carefully managing time, and committing to allocated tasks immediately.

Our Team *(Callum)*

To expand on what Ashley was saying, our team demonstrate a wide coverage of skills, contributing ideas from AI, Object Oriented Modelling, Data Management and Procedural Programming logic.

Members of our team have had experience working on their own projects but collaboratively, we have all worked on writing a system to help a mock finance company referred to as "Flloyds Bank", where we carefully structured a project using an agile development scheme, learning more about the advantages of careful planning and communication with our clients.

We would like to combine our skills, to solve these issues. And to introduce our team properly, we would like to introduce ourselves individually.

Introduce yourself *(Everyone each)*

NOTE: For this stage the aim is to deliver our lines fluently. So literally just introduce yourself, your skills and potentially why you would like to make a team allocation system.

MAIN - Hello I am X…

SKILLS – I specialise in [Your post on the Whatsapp is fine]

OPTIONAL BONUS - Anything extra (Why you personally would like to work on the project? (Helping a financing company write a system write a system that allocates undergraduates to teams))

Preliminary Analysis *(Kieran)*

As some of our team members have elaborated on, we have utilised our problem solving skills to identify the problem and interpret the task you have given to solve it.

The Problem

CVs - They contain useful qualities that we want to extract. As you have suggested, details from CVs will be required to perform the mixing and matching process.

Natural Language – CVs don't simply use set answers to our queries, we need to process meaning. More specifically, if we were to implement a system, we would have the problem of finding a way for a computer to understand descriptions as well as clear, concise points that automated processes find useful.

Teams - They must be made-up of particular qualities to cover all team aspects; a system is required to identify and allocate said roles.

Preliminary Analysis Part 2 *(Shuxiang)*

Keiran has talked about the problems that we expect to face in the project. These are what we would consider the requirements. We aim to communicate with you further to confirm the requirements we have suggested but for a preliminary analysis, we would like to reveal our suggested specifications in a system, which we can produce. Henceforth:

The Solution

CV Processing – A system needs a set of rules to search through a CV for important information. Implementing such a system would automate the process of reading and understanding CVs, a process which currently requires industrious effort.

Synonym Translation – A system needs to capable of understanding what key points made on the CV mean, referring to a data bank or even a trained AI, given enough data from your workplace.

Mix and Match Strategy – A system needs to be designed to form teams, consisting of graduates, based on their qualities. An object-oriented model could easily portray the algorithm required.

Our Approach *(Thomas)*

Working as a team – We aim to utilise our team members' specialisations and communicate with each other to raise the best ideas to solve problems. We have already had productive discussion, producing the preliminary analysis Kieran explained previously.

Agile Development cycle – We would like to utilise the requirements stage to learn more about how your team handles problems in the real world, to make our specifications based on augmenting your existing teams' work, hopefully making the system's introduction more fluent. We aim to run regular sprints, ensuring our progress in on track and meeting requirements. Our Team Leader Callum has already prepared Trello boards which have been useful for sprints made in the process of creating this pitch.

Time Management – We would like to follow an agile development scheme in allocating time frames to gather requirements, prepare surveys, consider specifications of the system, design the system and develop it. We aim to be flexible on our approximations by suggesting time frames that account for a small amount of delay, especially due to external factors such as Covid.

Communicating with you – Shuxiang briefly mentioned how our idea for a solution would automate and augment the mix and matching task that your company makes every day. Given the opportunity in the requirements stage, we would like to gain insight on the

processes we believe we are going to be automating and augmenting to best suit the system to your needs.

Summary *(Zihui)*

To summarise, we are a diverse team of individuals that have a broad range of technical skills to offer. We propose a back end system in which cvs will be processed for information that will match a graduate with a manager based on the graduates skills and the manager's team preferences. We will do this by learning about natural language processing techniques and using these techniques to create a system which can process unstructured data according to a set of rules, or perhaps even an artificial intelligence tool.

The team will be managed in an agile fashion, where we will participate in sprints to deliver to you iterable versions of the final solution. This will be important to us for confirming that we are building the product that you want while demonstrating to you that we are a team that has the technical and organisational competencies to deliver your solution.

I hope you have enjoyed hearing our pitch, it would be our pleasure to work with you in the future. Thank you very much, we look forward to meeting you soon in the Q and A event.