

## **Task A: Review and Planning**

Team 10

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### ➤ Team Expertise

Collectively as a group, we have developed skills in programming web-based application by using key languages such as HTML, CSS and PHP as we learnt this throughout our first year.

Most of the members in the team have a vast amount of knowledge in being able to implement a database that allows users to register and login, which is a key aspect of the functionalities required by this project

We believe that we are very good at communicating with each other and we have great teamwork skills allowing us to complete this project to an excellent standard, so updates are regularly made to keep everyone in the team updated.

One of the members has participated in a summer internship which involved marketing and making a website and this knowledge and experience will be vital in helping our team throughout this project.

### ➤ Review of the project specifications

As a team we will start off by designing all HTML pages for our website and our next step would be to implement CSS to make it aesthetically pleasing for viewers.

The next stage would be to create a database using SQL and by using PHP to make the website dynamic to allow users to register and login to their personal accounts, which will also include one admin account that will overview all accounts.

We will then implement the recommendation system which is the main purpose of this project.

Our final stages will include the testing of the website and making sure the user can only access what it is required to, which is different to the admin.

### ➤ Why we chose this topic

One reason why we chose this topic is that because we all use online shopping daily and this is becoming a big part of everyone's lives. It is growing day by day as more and more big companies have started to refer to online shopping due to the Covid crisis. One example being Uber Eats which allows customers to order groceries online. Even small companies have started to go online seeing the benefits that big companies are getting from it.

Convenient for this generation making it easier to shop online and it is less time consuming

Increase customer reach

We want to be a part of the emerge in the online shopping industry

### ➤ Reflection on Legal, social, professional, and ethical issues, risks and economic aspects

We must ensure that there's a clear and safe way for data access and transaction, for an effective work process, we will do so by implementing a restricted access to all sensitive and confidential data to protect against compromise or loss of data, which will help on avoid unpleasant impacts to the direct consumers, reputation damage to us and our product, the website, and further penalties that could happen.

We will firmly take in consideration possible theft of data from thief/hackers, also it will be our primary responsibility to train each individual within the group to increase the awareness to avoid any unintended data loss, which by doing so will strengthen the security of our data. Regarding our product, we will ensure that it is able to be accessed from everywhere and by everyone regardless of user location, making sure that its features are compatible to any users' system.

Our product will respect our customers privacy, by keeping safe their tracking preferences, and provide them with clear evidence on how their information is used.

With creating this website, it is very important to take the risks into consideration, as it is very likely to face some issues during the process. So, the most important aspect is to focus on the customer needs and try to achieve the exact requirements and goals. One of the important risks to consider is customer information being saved and kept safe in a database and only an admin can access using php/ login forms because customers will add their personal information such as bank details as this is required when ordering online. Data loss is a big issue that can affect deadline and delay project delivery so always backing up the data is crucial.

### ➤ Timeline

Week 1–2 - planning and interview stage.

Week 3-4 – Research websites, target audience, design goals, research user friendly website model, deliverables report, requirement specification report. SWOT analysis on competitor websites, style guidelines.

Week 5-6 – Completed design, UI, web pages e.g., home page, basket, admin page, login page.

Week 6-9 – implementation done, all coding done, HTML, CSS, API's, connected to database, users can register and login, ready to start testing. Recommendation system in place.

Week 9-11 – Begin testing website, admin access and user access, recommendation system based on user activity.

## Week 11 – review / follow up

➤ Gantt Chart

