# Reservation System for a Restaurant

### KV6003: INDIVIDUAL COMPUTING PROJECT

### SCOTT MAINS

### STUDENT ID: W18003567

### COURSE: COMPUTER SCIENCE WITH WEB DEVELOPMENT

### PROJECT SUPERVISOR: JOHN ROOKSBY

### SECOND MARKER: SHELAGH KEOGH

My report will be structured into the following sections:

* Abstract – Overview of the report and the project. It will tell the reader how the report is going to be structured and telling them if the project was an overall success.
* Introduction – Introduces the purpose and scope of the project. This section will tell the reader what I want to achieve with the system and how I intend to do this. I will also explore the background of the project and what the client wants.
* Research and Planning:
  + Literature Review – this section will look at all the literature I’ve gathered that is relevant to my project. This will help look at their successes and failures and how I can implement their knowledge in my own design.
  + Requirements Capture – This will look include the requirements proposed by the client and look at potential target audience. I will then tailor my design regarding the user requirement plan.
  + Tools and Techniques – Look at all the methods and tools needed to develop my project. This will include all the programming languages and the database system I will use and how I will go about using them to achieve my goal.

Interview – open ended questions to discover unanticipated things

Present wireframes and designs

Research methods and information Pickard

Evaluation – think aloud study and chat about system x 4 – demo for client and feedback

Analysis Chapters

# 2. Literature Review

## 2.1 Introduction

The overall problem this project is trying to solve is a way for customers to book time slots at a restaurant without any input from the restaurant owner. Time slots will be shown as available on a web application, and once a customer books a specific slot, it will be flagged as unavailable. The restaurant owner can then look at existing bookings from customers on a dashboard and change them how they please. The dashboard will show a variety of analytics regarding the bookings and its customers.

## 2.2 Competitor Review

I am going to look at similar web booking systems that exist on the market currently. I will look specifically at the features that these systems incorporate and review any potential risks.

2.2.1 OpenTable

2.2.2 TheFork

2.2.3 SimplyBook.Me

2.2.4 Quandoo

## 2.3 Other Literature

2.3 CRM Systems