IMAT3451

FINAL YEAR PROJECT DISSERTATION

TITLE:RESEARCH & DEVELOPMENT OF A RESTAURANT TABLE BOOKING ANDROID APPLICATION.

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# Introduction

The main goal of this app was to make a hassle-free way of finding the best restaurant for users and make a smart reservation system.

Choosing a restaurant to eat can be a hassle especially if you don’t know what you are in the mood for or if you don’t have time and want to know what’s the best restaurant near you.

This is where Table4Me comes in. You can now find the best restaurant for you based on location or cuisine type and not only that Table4Me has a booking system that makes it very easy for you to see the restaurants sitting plan and reserve a table of your choice and actually see the tables that were already reserved.

With Table4Me restaurant owners can easily add their restaurants after getting their account approved and these restaurants will be shown to users based on their preferences. The restaurant owners will also get info about the reservation they receive from users.

# Aims and Objectives

There were several main objectives to developing the app. Image uploading and compression, making connection with a back end server, location determination for nearby feature, and finally making a centralized database on the back end server. Following is a sample screenshot of a stable version of the app :

