



Abstract

Everyone seems to leading a busy life, but more busy men are seen to be passing very complex life. It is not logical to complicate our life by becoming busier day by day. When considering day today activities one of the most time killing fact we each and every human being have to face is a “QUEUE”.

The following project will be based on how to overcome this huge problem everyone facing daily. Prototype for a Restaurant and Café's will be implemented and the report will be basically based on it. But this could be easily developed in everywhere we find a queue to get rid of it. One of the best advantage of this system is it can be easily adjusted in order to make it suitable to the environment.

Scope or the range of this project is wider. With the newest technology the project could be developed in a larger scale. By selecting the appropriate components and the most efficient components, this system has become a way of increasing the efficiency of the restaurant's and café's. Not only restaurants and café's but also anywhere with a queue can be come over the problem using this method.

Following report will describe how the system developed for the restaurants and cafés and how the system will work. Basically the system will contain main two part hence there are two main options in restaurants and café's as DINING IN and TAKEAWAY. DINING IN system will contains an E-Menu Card which is a new experience for the guest and a reliable way of ordering where time is saved. TAKEAWAY system will be developed in a way that the guests can use their own smart phone or smart tab to order the food they wanted from the minute they enter the Restaurant so the queue which builds up in a normal restaurant will not be take place any more.

Using ANDROID (for android phones and tabs) and ISO (for iPhones) apps will be a very much easy for everyone who moves with the technology. Using NFC will be a new experience but guests will catch up the system once they uses it.

Guests will receive a new experience with the newest technology and when they used to it they will be saving their own time, this would be a huge advantage in future.