**8. YUMMY**

1. **ABSTRACT**

A fine dining restaurant chain, operating from multiple locations in various cities wanted in customers to locate the nearest restaurant quickly and also see the current waiting time in that restaurant. As an option, a customer could also book a table from the phone only. Therefore they planned to develop a restaurant locator and booking application. “Yummy”!

Yummy”! Will display the nearest restaurant locations on a map on the basis of the user’s current location. Each location will display the approximate waiting time in in minutes. The user may select the location and book a table. The table will kept reserved up to predetermined time duration from the time of booking. If the customer does not arrive in time, the same will be cancelled. But yummy Will provide a push notifications 5 minutes before the expiry of booking.

The solution has to be developed using IBM work light studio and will be deployed on IBM WAS, DB2 and work light server. The target device will be an android phone. The development will follow the IBM’s rational unified process.

1. **Introduction**

A literature review surveys scholarly articles, books, dissertations, conference proceedings and other resources which are relevant to a particular issue, area of research, or theory and provides context for a dissertation by identifying past research. Research tells a story and the existing literature helps us identify where Swe are in the story currently. It is up to those writing a dissertation to continue that story with new research and new perspectives but they must first be familiar with the story before they can move forward.

1. **Existing System**

The existing system is not providing a secure booking and profile management of the users properly and we don’t know the restaurant locations nearby user’s current city.

The manual system does not giving any notification to know the status of the booking table.The system is giving only less information for the users.

* 1. **Disadvantages of Existing system**
* User has to make time to book the table.
* Knowing the location of restaurant and status of the table is a time consuming process

1. **Proposed System**

* The system maintains user’s personal information address and contact details.
* Authentication is provided for this application only registered users can access.
* Easily know the status of a particular restaurant at any point of time.

1. **Conclusion**

The project YUMMY is a mobile based application that is helpful for the customers to easily book a table of a particular restaurant on the basis of user current location easily at any point of time.

This application software has been completed successfully and was also tested successfully by taking "Test cases”. It is user friendly, and has required options, which can be utilized by the user to perform the desired operations. The software is developed using Java as front end and DB2 as back end in windows environment. The goals that are achieved by the software are:

* Instant access.
* Improved productivity
* Optimum utilization of resources.
* Efficient management of records.
* Simplification of the operations.
* Less processing time and getting required information.
* User friendly.