**N L Ramya 01FB14ECS124 Team C8**

**Contributions towards the project:**

1. Front End:

Created the user interface for the login page of our management interface. This allows users to login to their particular restaurant/outlet

Created the billings page. This page creates the bill for a customer and sends it to the cloud.

1. Data Generation/ Data mining

Created data for all the tables in our schema which included of 9 tables. Generated data manually via excel for Menu, Users, Inventory, Customers, tables. Wrote python scripts to create data for the following tables: orders, billing, waiters, and inventory orders. Worked on creating consistent data with primary key and foreign key checks.

1. Cloud

Set up the azure cloud environment by creating a web app on azure. Also created another database on the cloud with attributes that seemed necessary from the local database.

Set up an FTP connection from our system to the azure server to have a platform to run our scripts on the cloud.

1. Analytics:

Decided the main types of analytics we would be doing. Wrote API’s for updating to the cloud and retrieval from the cloud. Updating involved updating new orders from the management part, updating bills, updating inventories.

Retrieval involved retrieving logs and reports. Logs and reports of all the orders, bills and inventory orders.

Analytics involved finding the current number of tables filled, Number of orders per day, number of orders per month, prediction of most likely inventory orders, revenue per month and popular payment methods.

1. Documentation:

Created block diagrams and use case diagrams for the project to explain the system functionality. Also wrote multiple sections in each of the reports including Feasibility, SRS, design and code review. Wrote most of the testing document. Also changed the documents based on the reviews by the other teams.

1. Report:

Contributed to writing the two page summary for the project. Compiled all the documents together for submission.