

#### PROJECT TEAM:

- The project manager is the one who decides on the selection and approval of the project.
- The project leader leads the team members throughout the completion of the project and supports in the development.
- The team members develop the project with all the functionalities and debugs and brings out the assurance of quality.

#### OVERVIEW:

The project is dealing with the food ordering system. People can sit at home and they can order the food from their favorite restaurant and the food gets delivered at their doorsteps. It saves the time of the customers and also standing in the line for purchasing in the restaurant.

#### DESCRIPTION:

The customers/users can use this system for ordering the food. This system connects with the restaurants and the customers. The restaurants display the items it is preparing with the price tags and other details in the system. The system reflects the details prepared by the restaurants. Now the customers view the items displayed in the system and makes order and does payment and finally the items get delivered to the customers.

#### SPECIFICATIONS:

This system of food ordering has the following specifications:

- Application that is applicable both in desktop and smart phones.
- Internet connection for making use of the system for viewing, ordering and making payment.
- User friendly interface of the system.
- Use of ordering cart, wish list, offers provided etc.

- Delivering of the items on time.
- Coordination between the customers and restaurants and providing customer service to both the entities.

#### STRUCTURE:

For the implementation for this system using the programming language. It has the following structure.

Class food system {

Restaurant (

Customers (

Class food system: class restaurant {

Display (price, items, quality, quantity)

Deliver (customer place, food)}

Class food system: class customers {

Order (items)

Payment (amount, mode)}

}

The identified classes are:

- Customers
- Restaurant
- Items inherits non veg, veg, soft drinks, solids.
- Payment
- Delivery person

The attributes of the classes are:

- Customers (ID, NAME, ADDRESS, CONTACT DETAILS)
- Restaurant (ID, NAME, ADDRESS, PHONE NUMBER)
- Items inherits non veg, veg, soft drinks, solids (ITEM ID, NAME, PRICE, TYPE, QUANTITY, QUALITY)
- Payment (ID, MODE, AMOUNT)
- Delivery person (ID, NAME, DELIVERY ADDRESS, PHONE NUMBER)