Software Engineering Project

# “HungryKya? : Online Food Ordering System”

- **Group no. 12**


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- **Overview** :-

In the present times, almost all facilities have come to the internet, even food ordering has made it to the internet. With it, HungryKya? takes on the food ordering system, porting it to the internet and providing an interface for the client to order food from the restaurants they prefer and have it delivered at their doorstep.

### Basic System Features :-

- Client Side Ordering
- Interface for Clients and Restaurants for ordering and adding new dishes.
- Order Tracking
- Shopping Cart
- Transactions

## System Model :-

### “Adaptive Software Development”

This principle focuses on rapid creation and evolution of software systems. There is never a period where the software is finished, there are just stable periods between new releases.

The project is based on constantly adapting and changing according to the needs of the customer. New dishes/restaurants are added and updated on a daily basis. Every restaurant has a different way of displaying the dishes they offer. Moreover, periodic sales and discounts also make it a need to constantly make adjustments to the software model. ASD helps in designing a constantly evolving software which can be updated at cycles wherein new features/customer feedback can be included.

## Why not other system models :-

### Waterfall Model :-

Waterfall is a basic non-agile process which does not suit the project. This model fails for our project because it needs constant customer feedback and interaction to adapt and change accordingly.

### Incremental Model :-

During big projects, there are never fixed requirements. The features and requirements keep changing. As each iteration phase does not overlap each other rectifying problems in one unit requires correction in all units and consumes a lot of time.

### Spiral Model :-

In the spiral model, the lifetime of a single cycle can be high compared to ASD. It cannot adapt to the constantly changing needs of the customer and market. Any urgent change required to the software would not be feasible in this model.