

NAME : DANDAGAVAL PRAJWAL DEVENDRA									
DEPARTMENT : MOBILE									
<b>Requirements:</b>									
	User can Sign up and Login into the app								
	User can view list of all restaurants with their details and menu items.								
	User should be able to see the restaurant open close time of each day, their price for 2 people on an average, all photos of amenities, food etc uploaded by restaurant								
	User can give reviews for the restaurants and can read reviews given by other users.								
	User can also give ratings for specific categories like Food, Service, Look and Feel etc.								
	User can also like or give upvote to the other user's review if the review was helpful.								
<b>Featuers:</b>									
	Sign up and Login								
	Listing restaurants and their menu items and details								
	Real time updates such as Daily open-close time of restaurants								
	User Reviews								
	User Rating								
	User likes and upvotes (Preferences)								
<b>Database structure for food delivery application :</b>		<b>Object : User</b>							
	<b>Entity:</b>	<b>User</b>							
	<b>Attributes:</b>	Uid	101	102	103				
		Name	Rama	Shyam	Rama				
		Email	R@email.com	S@email.com	Ra@email.com				
		Phone number	12345678	45456767	11355646				
		Address	xyz	abc	pqr				
	<b>Entity :</b>	<b>Restaurants</b>							
	<b>Attributes:</b>	Rid		1	2	3			
		Name		Bon Vivant	Boby's	Curryleaves			
		Address		xyz	pqr	abc			
		Menu		Desserts	Non vegeterian	vegeterian			
		Real time updates(open-close time	9am to 11pm	9am to 11pm	9am to 11pm				
		Contact number		445364736	4247567567	4455456			
		Payment option		All	All	All			
	<b>Entity :</b>	<b>User Reviews</b>							

[illegible]

### Applied Normalization on User table :

	Entity:	Address							
	Attributes:	Uid		101	102	103			
		Home address	xyz	-	-				
		Work address	-	abc	-				
		Alternative address	-	-	-				
		Current address	-	-	pqr				
		Other address	-	-	-				

**Applied Normalization on Restaurant table :**

	<b>Entity:</b>	Menu							
	<b>Attributes:</b>	Rid		1	2	3			
		Restaurant menu	-	Non vegetarian	-				
		Cusine based menu	-	-	-				
		Meal based menu	-	-	vegeterian				
		Special menu	Desserts	-	-				
		Menu Cost							

<b>Entity:</b>	Payment option
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	Attributes:	Rid	1	2	3			
		Credit/Debit cards	Yes	No	Yes			
		online payment	Yes	Yes	Yes			
		Mobile wallet	No	No	Yes			
		Cash on delivery	Yes	Yes	No			

**Applied Normalization on Restaurant table :**

[illegible]

**Logic as how reviews will be manage so that any fake or unwanted reviews does not stay in the system.**

		1	User Authentication by verifying user credentials						
		2	User must require account in application						
		3	To prevent fake reviews we apply one time password OTP system in application using Gateway that verify original user and validate their review						