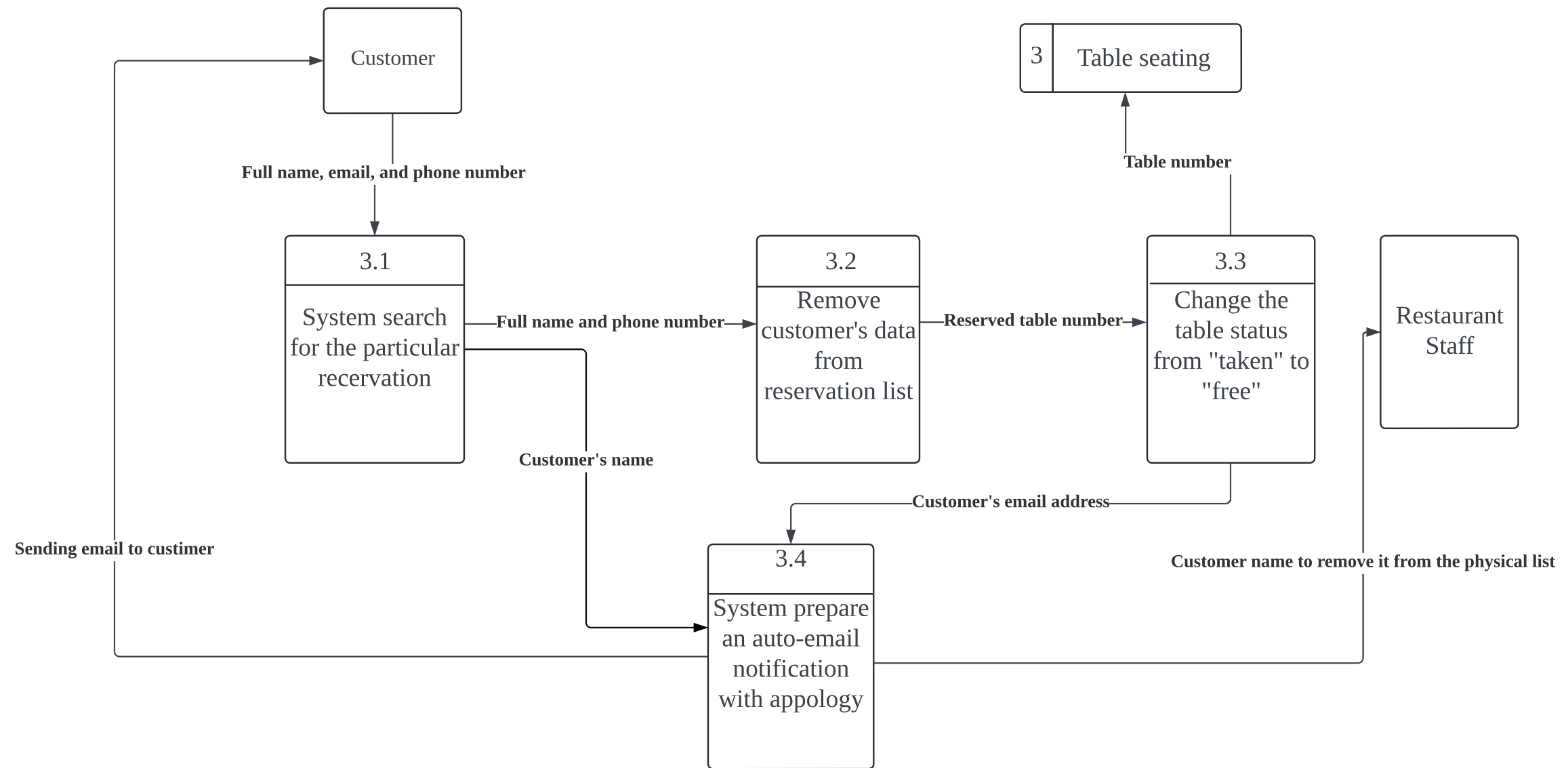
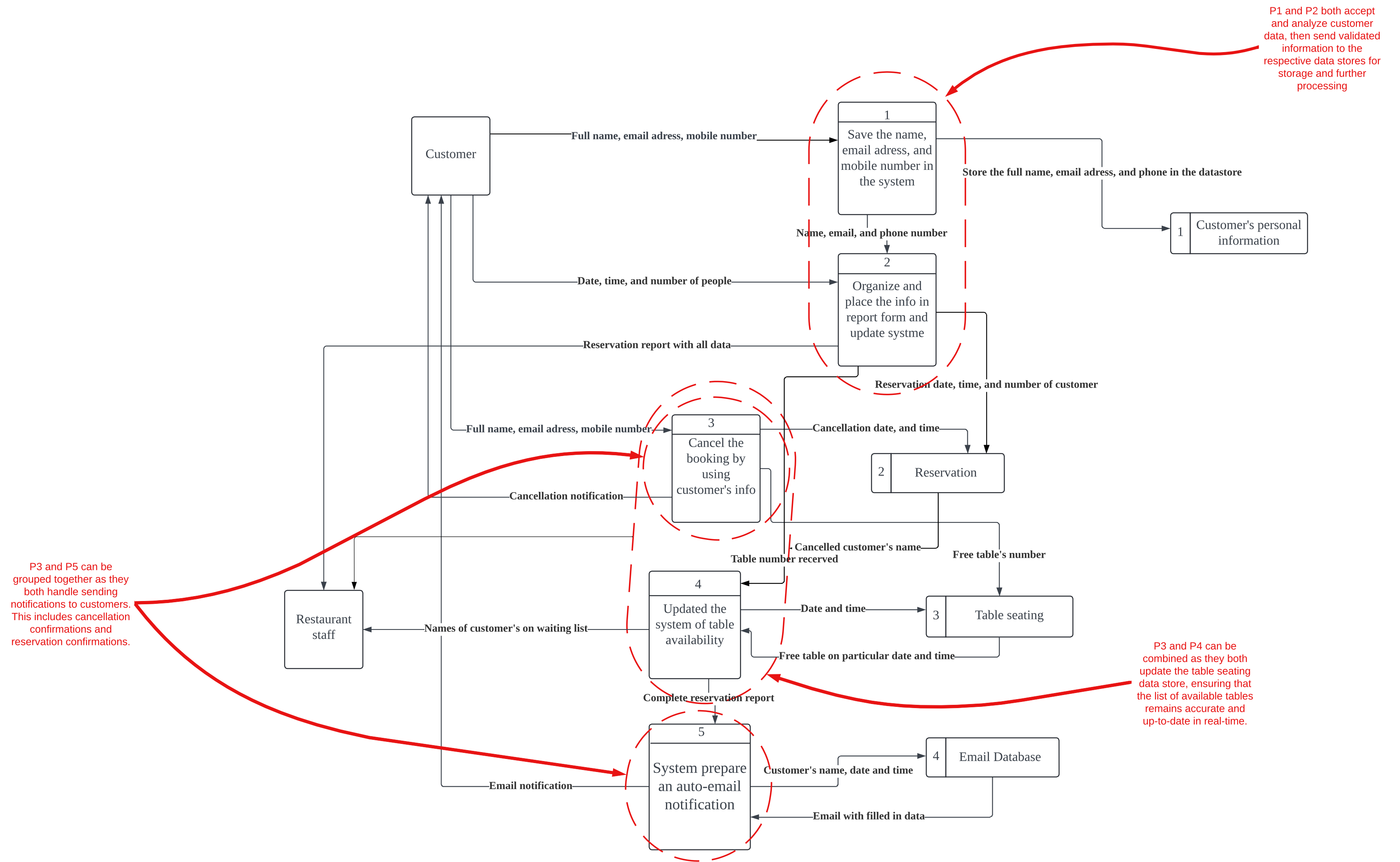


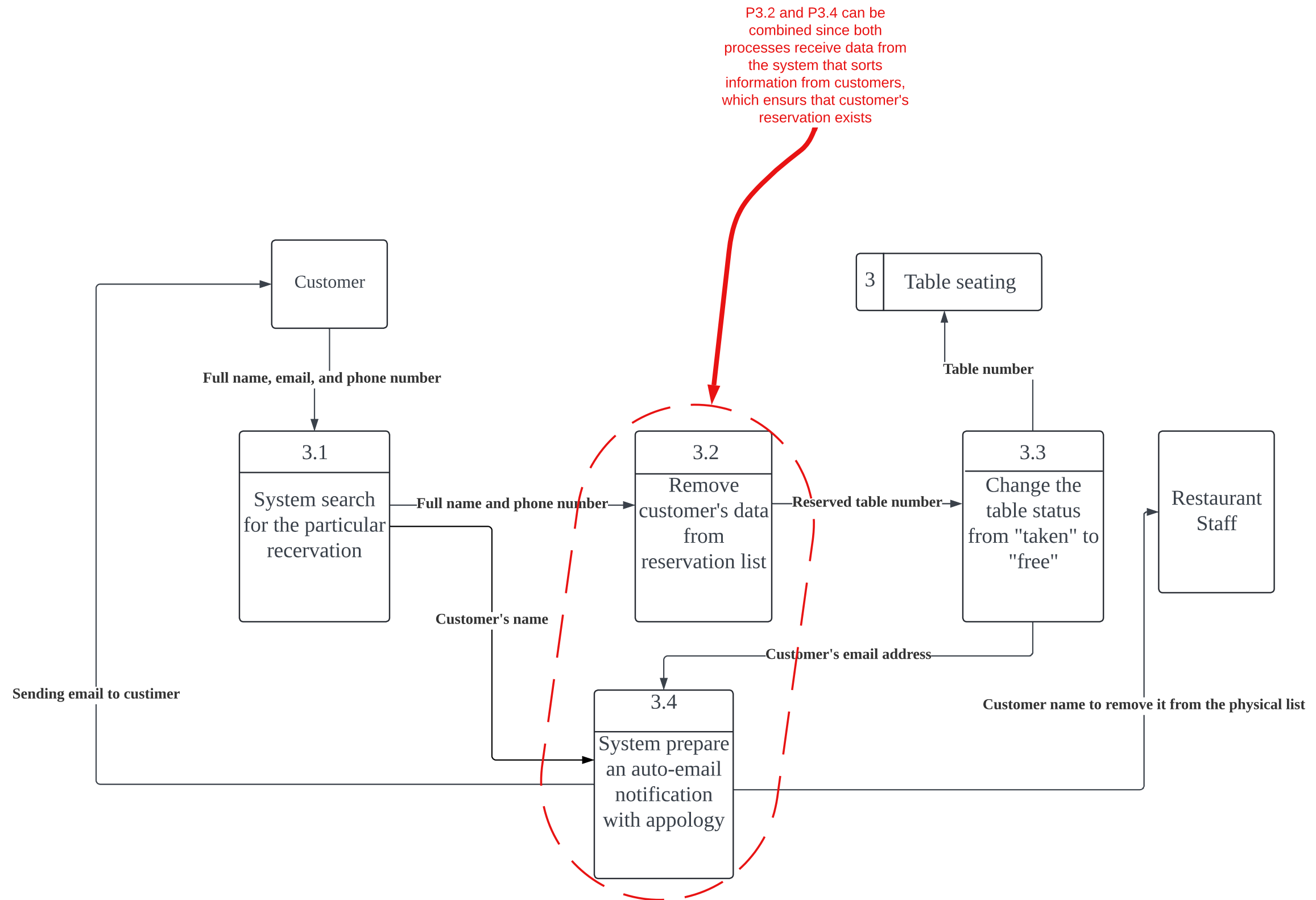
**Partitioning Physical  
Diagram 0**



**Physical Child Diagram (Cancellation Management)**



Partitioning Physical  
Diagram 0



**Partitioning Physical Child Diagram  
(Cancellation Management)**

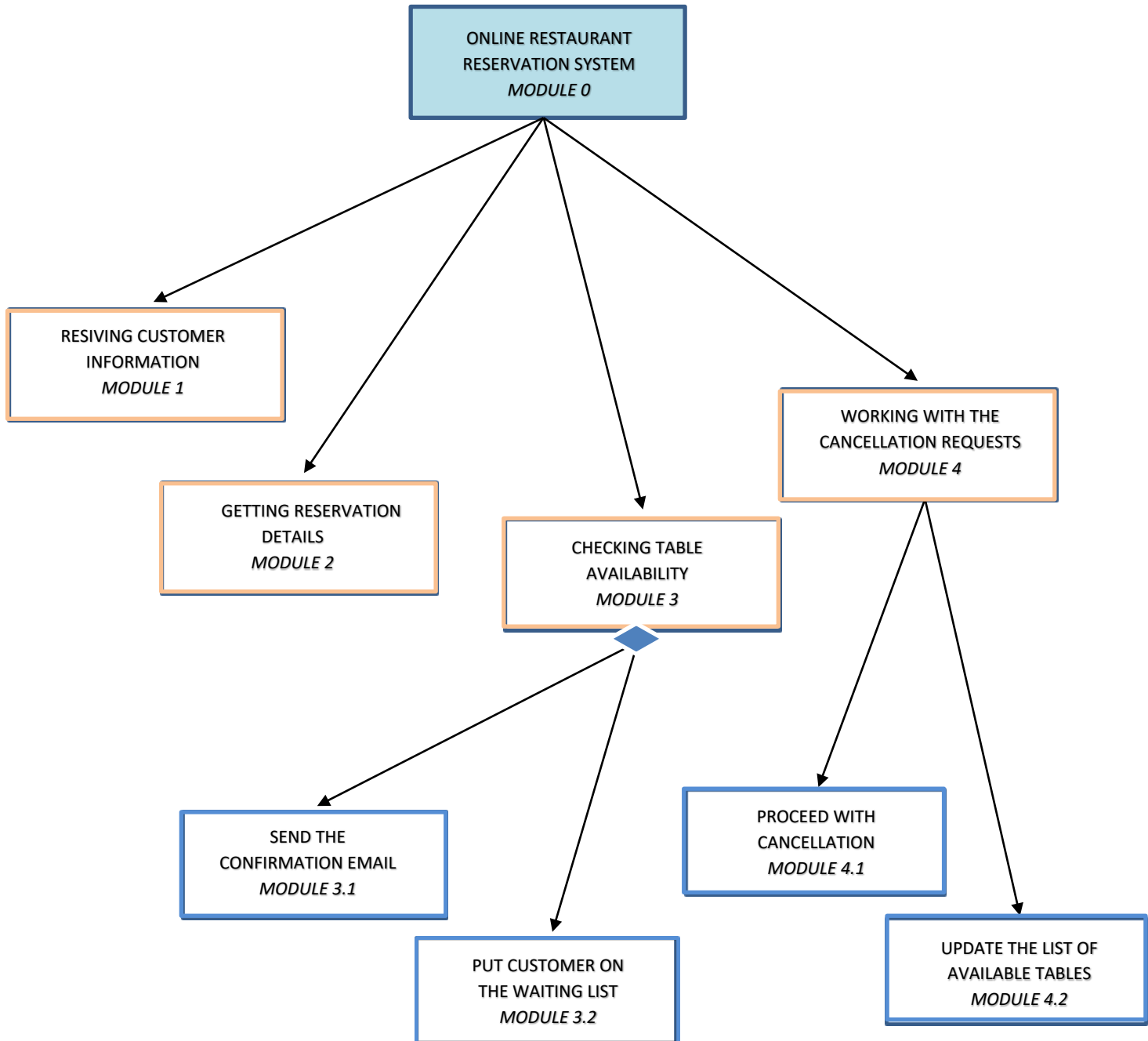
Process	Personal Info Store	Reservation Store	Table Store	Email Store
Validate Personal Information	C R U			
Process Reservation		C R U	R U	C
Handle Cancellation	R D	D	R U	C U
Manage Table Availability		R	C R U	
Send Email Confirmations				C R U

CRUD Matrix

Event	Source	Trigger	Activity	Response	Destination
Customer provides info	Customer	Customer's full name, email adress, mobile number	Save the name, email adress, and mobile number in the system	Validated info stored or error message	Personal Info Store
Customer makes a reservation	Customer	Date, time, and number of people for reservation	Organize and place the info in report form and update systme	Reservation confirmation or waitlist notice	Customer
Customer requests cancellation	Customer	Customer's full name, email adress, mobile number	Cancel the booking by using customer's info	Cancellation confirmation	Customer
Reservation or cancellation	System	Number of free and reserved tbales	Updated the system of table availability	Updated table availability	Table Store
Confirmation needed	System	Email with customer's personal info and reservation details	System prepare an auto-email notification with appology	Email sent	Customer

Event Response Table

- Structure Chart



## System Architecture

