Resit Software Architectural Design
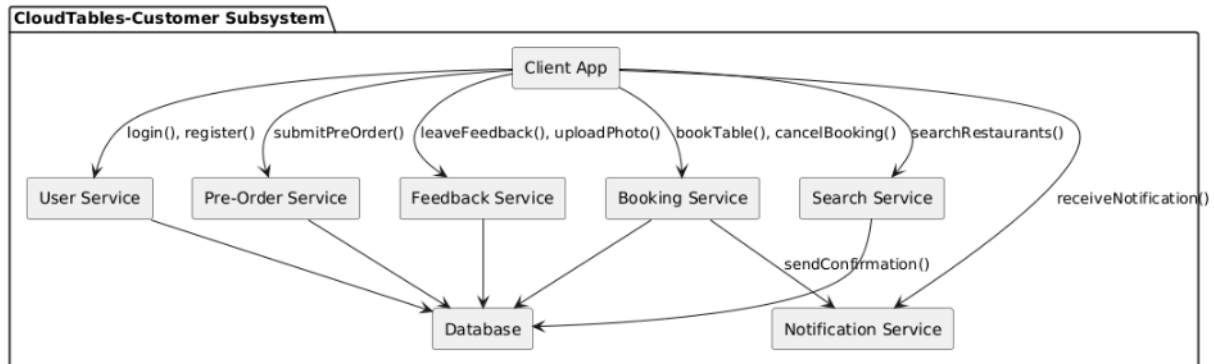
Interface Specifications

Component	Interface Method	Parameters	Description
User Service	login()	username, password	Validates and logs in users
	register()	userDetails	Registers new customers
Search Service	searchRestaurants()	location, cuisine, availability	Returns filtered list of restaurants
Booking Service	bookTable()	restaurantId, time, seats	Attempts to reserve a table
	cancelBooking()	bookingId	Cancels an existing reservation
Pre-Order Service	submitPreOrder()	bookingId, foodItems[]	Stores food selections tied to a booking
Feedback Service	leaveFeedback()	restaurantId, rating, comment	Saves customer feedback
	uploadPhoto()	imageData, bookingId	Stores customer-uploaded images
Notification Service	sendConfirmation()	bookingId, userId	Sends a confirmation or update message