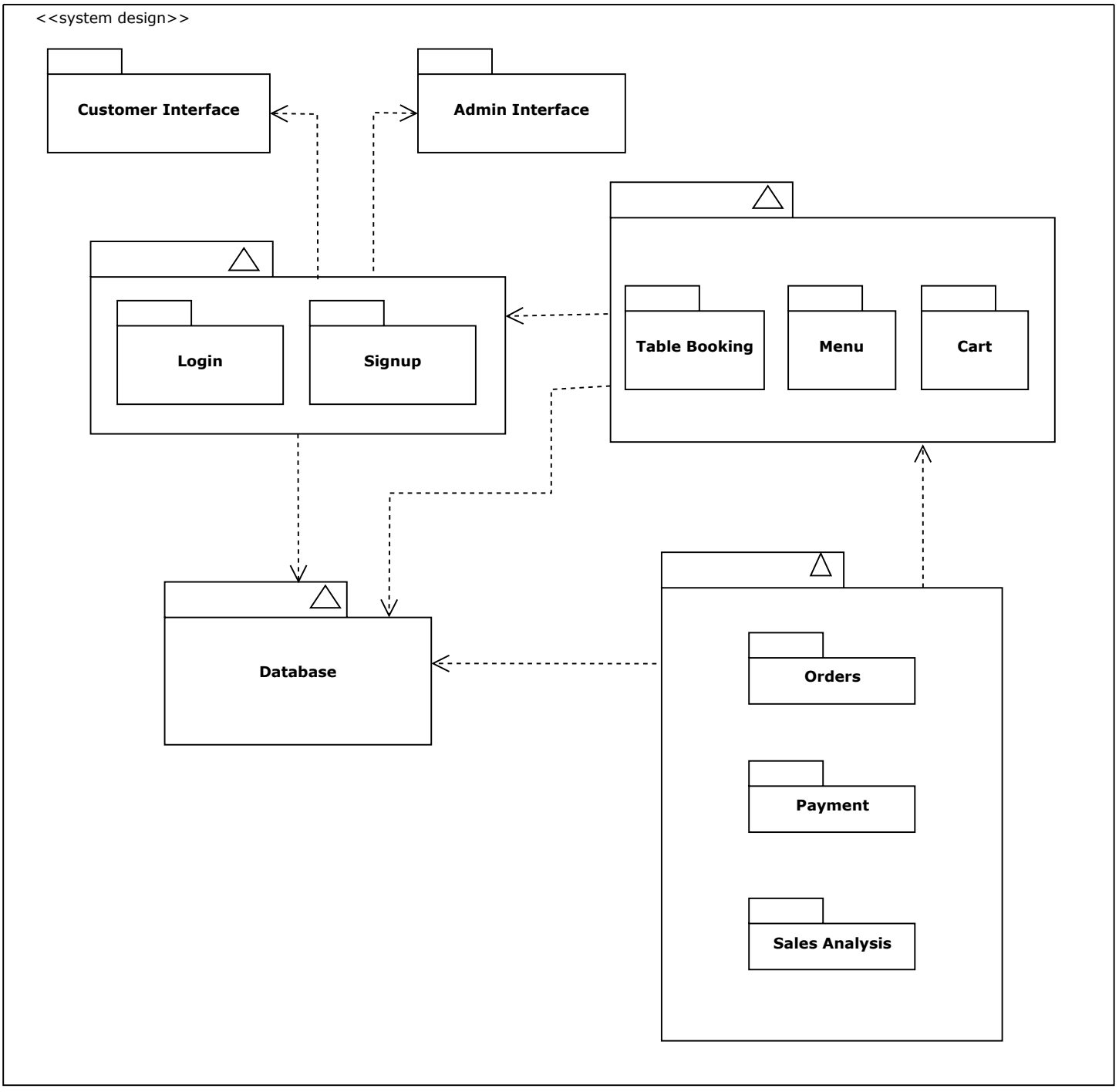
<<system design>>
Customer Interface
Admin Interface
Login
Signup
Table Booking
Menu
Cart
Database
Orders
Payment
Sales Analysis

System Design :

Components and Modules :

As shown in the above diagram, the system has 3 major component consisting of different modules.

These modules are designed for a specific task or purpose.

The system is also supported by interfaces.

Non-Functional Requirements :

Performance, High Maintainability , Flexibility

Architecture :

To achieve these Non-Functional requirements ‘Closed (Opaque Layering) Architecture’ have been used.

The system can be further divided into 3 Subsystems / Layers : (1) Login/Sign-up (2) Order Processing (3) Sales Management.

In this subsystems, Order Processing has been partitioned into (Table-booking , Menu , Cart) and Sales Management has been partitioned into (Orders, Payment , Sales Analysis) .

The Login layer provides service of user validation to order processing and order processing provides service of order management to sales management.

Interfaces :

The system has 2 interfaces : (1) Customer Interface (2) Admin Interface. Which will be used to take inputs from the customers and admin.

Organization Of Services (Patterns for software architecture): Client/Server

Data :

The software uses data about (1) Food Categories (2) Food Items (3) Tables (4) Cart (5) Payment (6) Feedback (7)Chefs.
This data gets stored in the form of API. The data has been contained in json files.