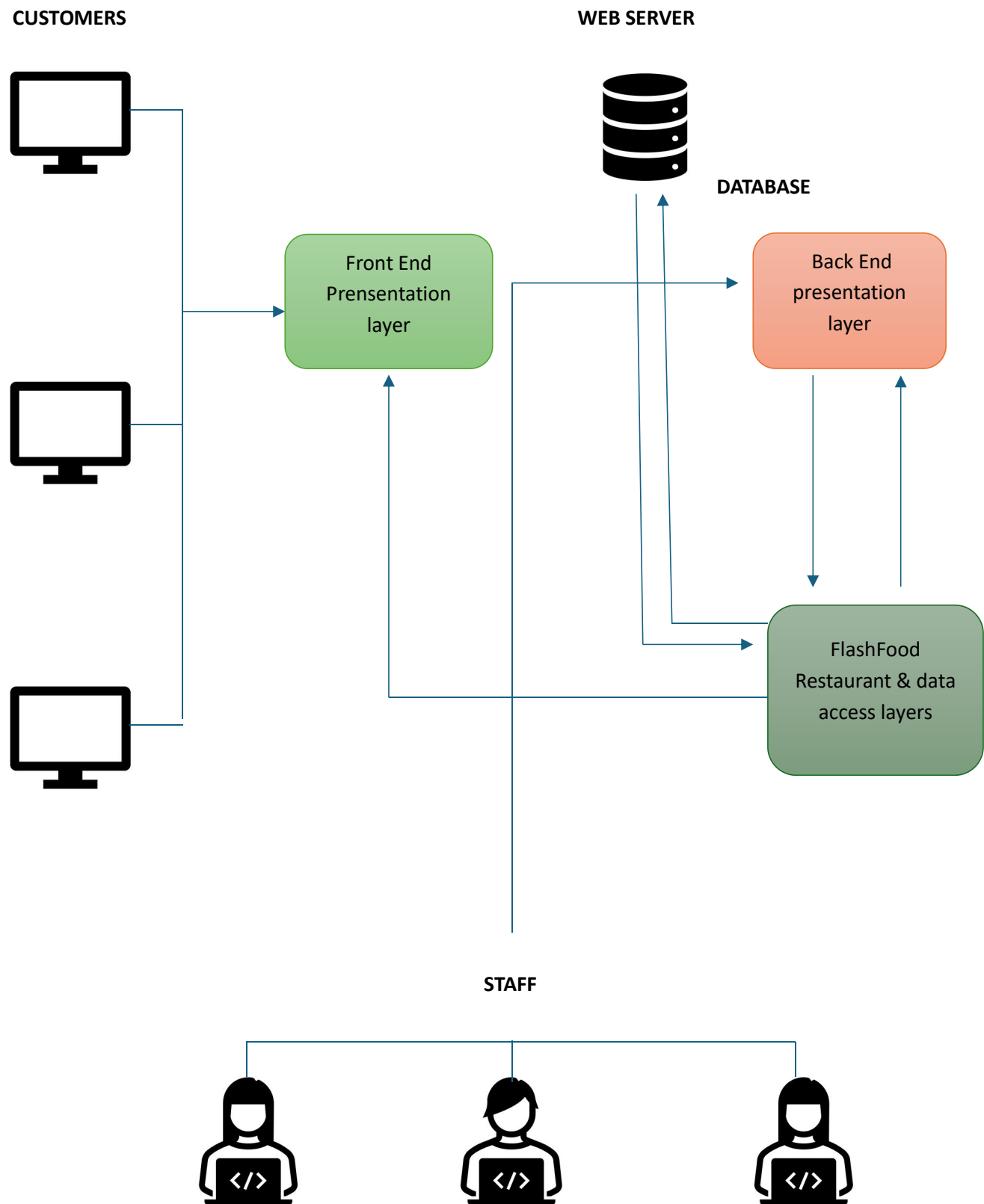


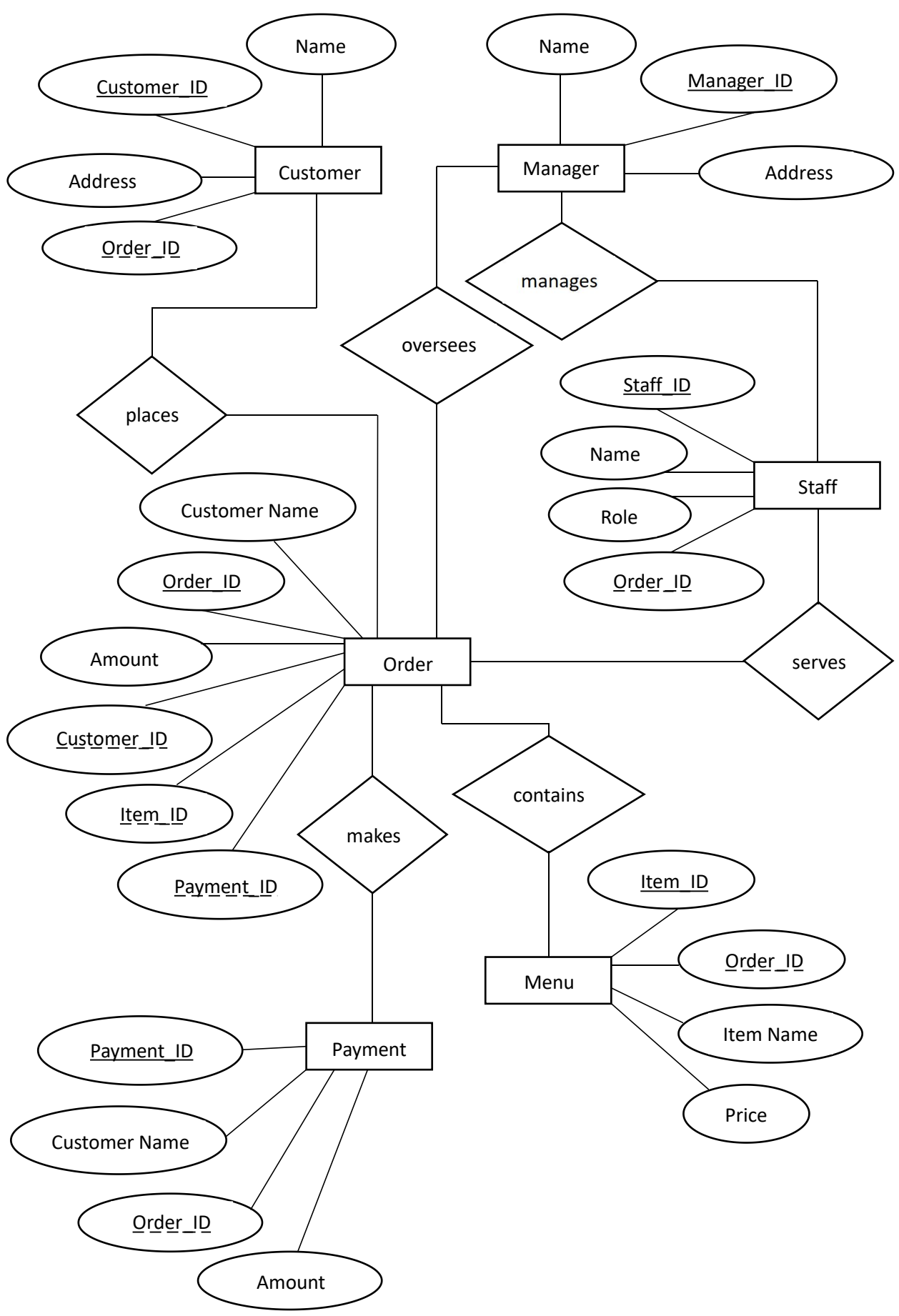
SYSTEM ARCHITECTURE DESIGN

FLASHFOOD ARCHITECTURE DESIGN



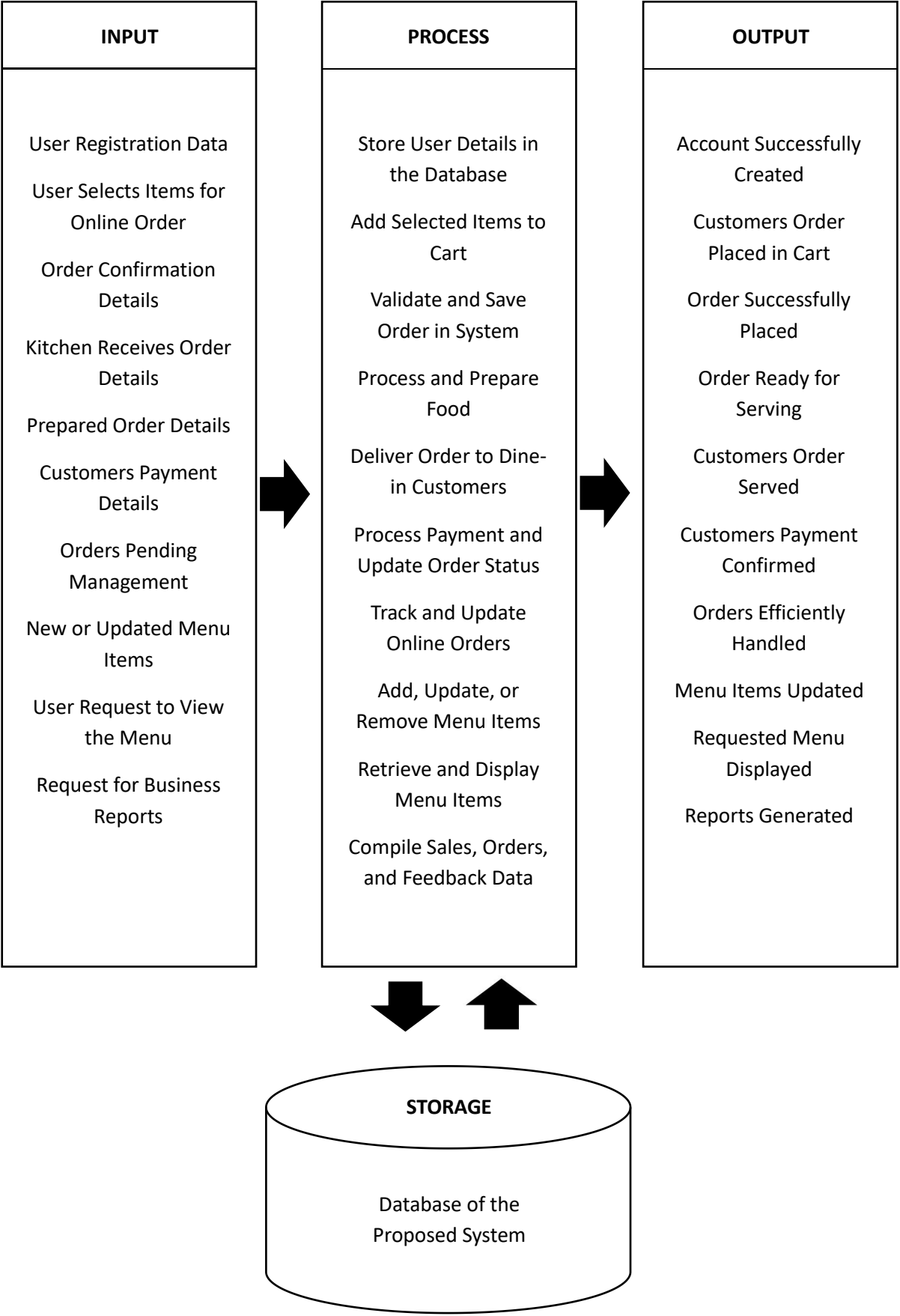
ENTITY RELATIONSHIP DIAGRAM OF THE PROPOSED SYSTEM

FLASHFOOD RESTAURANT



IPO OF THE PROPOSED SYSTEM

FLASHFOOD RESTAURANT



CLASS DIAGRAM OF PROPOSED SYSTEM

FLASHFOOD RESTAURANT

Customer
<div>- customerID: Int</div> <div>- name: String</div> <div>- email: String</div> <div>- password: String</div>
<div>+ viewMenu()</div> <div>+ placeOrder()</div> <div>+ updateProfile()</div> <div>+ register()</div> <div>+ login()</div> <div>+ logout()</div>

Order
<div>- orderID: Int</div> <div>- orderDate: Date</div> <div>- customer: Customer</div> <div>- items: List</div> <div>- totalAmount: Float</div> <div>- status: String</div>
<div>+ calculateTotal()</div> <div>+ updateStatus()</div> <div>+ addItem()</div>

Manager
<div>- managerID: int</div> <div>- name: string</div> <div>- email: string</div>
<div>+ manageRestaurant()</div> <div>+ manageStaff()</div> <div>+ manageMenu()</div> <div>+ manageReports()</div> <div>+ register()</div> <div>+ login()</div> <div>+ logout()</div>

Staff
<div>- staffID: Int</div> <div>- name: String</div> <div>- role: String</div> <div>- email: String</div>
<div>+ prepareOrder()</div> <div>+ updateOrderStatus()</div> <div>+ generateReports()</div> <div>+ register()</div> <div>+ login()</div> <div>+ logout()</div> <div>+ assistCustomers()</div> <div>+ serveOrder()</div>

Restaurant
<div>- restaurantID: Int</div> <div>- name: String</div> <div>- location: String</div> <div>- openingHours: String</div> <div>- page: String</div>
<div>+ addMenuitem()</div> <div>+ removeMenuitem()</div> <div>+ updateMenuitem()</div>

Reservation
<div>- reservationID: Int</div> <div>- customer: Customer</div> <div>- restaurant: Restaurant</div> <div>- reserveTime: DateTime</div> <div>- numberOfGuest: Int</div>
<div>+ makeReservation()</div> <div>+ cancelReservation()</div>

Menuitem
<div>- itemID: Int</div> <div>- name: String</div> <div>- description: String</div> <div>- price: Float</div> <div>- availability: Bool</div>
<div>+ updatePrice()</div> <div>+ changeAvailabilty()</div>

Payment
<div>- paymentID: Int</div> <div>- order: Order</div> <div>- paymentMethod: String</div> <div>- amountPaid: Float</div> <div>- paymentDate: DateTime</div>
<div>+ processPayment()</div> <div>+ refundPayment()</div>

Review
<div>- reviewID: Int</div> <div>- customer: Customer</div> <div>-restaurant:Restaurant</div> <div>- rating: Int</div> <div>- comment: String</div>
<div>+ addReview()</div> <div>+ updateReview()</div>

