## meeting 4: Activity Diagrams and Beginning Architectural Component Diagrams

Attendees:

Member 1: CloudTables-Customer

Member 2: CloudTables-Service

Member 3: CloudTables-Manager

Main focus

Look at each members uml diagram for each member

-confirm microservices for every subsystem and make sure integration is clear

Start initializing architectural component diagrams using UML diagrams

-star planning detailed designs

Summuary

Main points: everyone showcased there uml diagrams

Member 1: The diagram for booking management was reviewed and looked over; there were well-put workflows for customer actions like table selection, booking confirmation, and error handling demonstrated.

member2: An activity diagram for order status updates was shown; it showed the clear process from order placement to notification of order completion.

member3: An activity diagram for performance was distributed to the group; it showed the steps for querying, processing, and displaying key metrics.

Final steps

We agreed on specific microservices for every subsystem

Specific Subsystem microservices

CloudTables-Customer:

Booking Management Service.

Order Processing Service.

CloudTables-Service:

Staff Notification Service.

Order Status Update Service.

CloudTables-Manager:

Performance Metrics Service.

Inventory Management Service.

Future actions

Finalising UML component diagrams for each designated subsystem’s architectural design.

Prepare documentation for how each subsystem will integrate with shared services (authentication and database access).

Next meeting topic

architectural component diagrams, subsystem integration points, and start class and sequence diagrams for detailed design.