

Introduction (0:00 – 1:00)

(Slide 1-2: Title & Background)

- **Greeting:** Group 14, presenting "Food Ordering and Tracking System" (FoodGoGo).
- **Goal:** Enhance customer experience & improve ordering efficiency.
- **Assumption:** Chain restaurant model (supports memberships/vouchers).

Requirements Analysis (1:00 – 2:15)

(Slide 3: Stakeholders)

- Identify **5 Key Stakeholders** (Read from slide).

(Slide 4: Functional Requirements)

- **Customer:** Register > Browse Menu > Order (Dine-in/Takeaway) > Track Status.
- **Kitchen:** Manage tables, view incoming orders, modify orders.
- **Admin:** Has full permission/control over the entire system.

(Slide 5: Non-Functional Requirements)

- **Performance:** Confirmations < 1.0s, Menu load < 500ms.
- **Reliability:** 99.9% uptime, data consistency.
- **Security:** Secure authentication, encrypted payments.

System Modeling & Design (2:30 – 4:00)

Implementation & Tech Stack (4:00 – 5:00)

(Slide 7: System Implementation)

- **Frontend:** Native Android (Java), Android Studio.
 - Used **Material Design & Jetpack** (RecyclerView) for responsive UI.
- **Backend:** Firebase (BaaS).
 - **Cloud Firestore (NoSQL):** Key for **Real-time Listeners** (instant kitchen updates).
 - **Auth:** Handled via Firebase Authentication.

(Slide 6: Agile Development)

- **Sprint 0:** Setup/Architecture.
- **Sprint 1:** Core ordering & kitchen view.
- **Sprint 2:** Order status tracking.
- **Sprint 3:** Management & reporting.
- **Current Status:** *Note: Development proved complex; currently still finalizing Phase 3 functionality.*

(Slide 8: Sequence Diagram - Order Placement)

- **Flow:**
 1. **Browse:** User loads items from DB.
 2. **Select:** User customizes options (sides/toppings).
 3. **Checkout:** If 'Dine-in', input Table Number.
 4. **Confirm:** Saved to DB > Kitchen notified immediately.
- **Summary:** Browse > Select > Order > Payment > Confirmed.

Testing & Validation (6:00 – 6:45)

(Slide 9: Testing Table)

- **Acceptance Testing:** Verified full cycle (Order placement success).
- **Unit Testing:** Verified logic (Price calculations: Subtotal + Tax).
- **Performance Testing:** Ensured response time < 2 seconds.
- **Result:** Cases TC-01 to TC-05 **Passed**.

Conclusion (6:45 – 7:00)

- Thank you for listening.