

Here's a step-by-step description of the process using everyday language:

### 1. Start:

The process begins when someone *Takes Down Order* (records guest's request).

### 2. Three Parallel Paths Begin:

After taking the order, **three things happen at the same time**:

- **Path 1:** *Assign Order to Waiter* (select staff to handle delivery)
- **Path 2:** *Submit Order Ticket to Kitchen* (send food instructions to chefs)
- **Path 3:** A decision point occurs (*exi\_Gateway\_09uyxho*) for drinks:
  - **Either:** *Give Order to Sommelier* (for wine/alcohol requests)
    - Then **both** happen together:
      - *Fetch Wine from Cellar*
      - *Prepare Alcoholic Beverages*
  - **Or:** A silent transition (no visible action) skips alcohol preparation

### 3. Path 1 Continues:

After assigning the waiter:

- *Ready Cart* (prepare serving equipment)
- **Separately**, another decision occurs (*exi\_Gateway\_1d005io*) for non-alcohol drinks:
  - **Either:** *Prepare Non-Alcoholic Drinks*
  - **Or:** A silent transition skips drink prep

### 4. Path 2 Continues:

After submitting the kitchen ticket:

- *Prepare Meal* (cooks make the food)

### 5. Converging Paths:

All paths must finish before:

- *Deliver to Guest's Room* (waiter brings everything together)
- Requires: Meal ready + Cart ready + All drink paths complete

### 6. Final Steps:

After delivery:

- *Return to Room-Service Station* (cleanup)
- Then *Debit Guest's Account* (process payment)
- Process ends

### Key Relationships:

- Alcohol preparation and non-alcohol preparation happen **exclusively** (only one drink path is followed)
- Meal prep, cart prep, and drink prep all happen **simultaneously**
- Silent transitions allow skipping alcohol/non-alcohol steps if not needed
- Everything must synchronize before delivery occurs