Restaurant Management Sysyem

Customer

Waiter

Join Queue (1)

Check Queue Status (2)

Check My Status (3)

View Table Dash Board (6)

Assign Table (4)
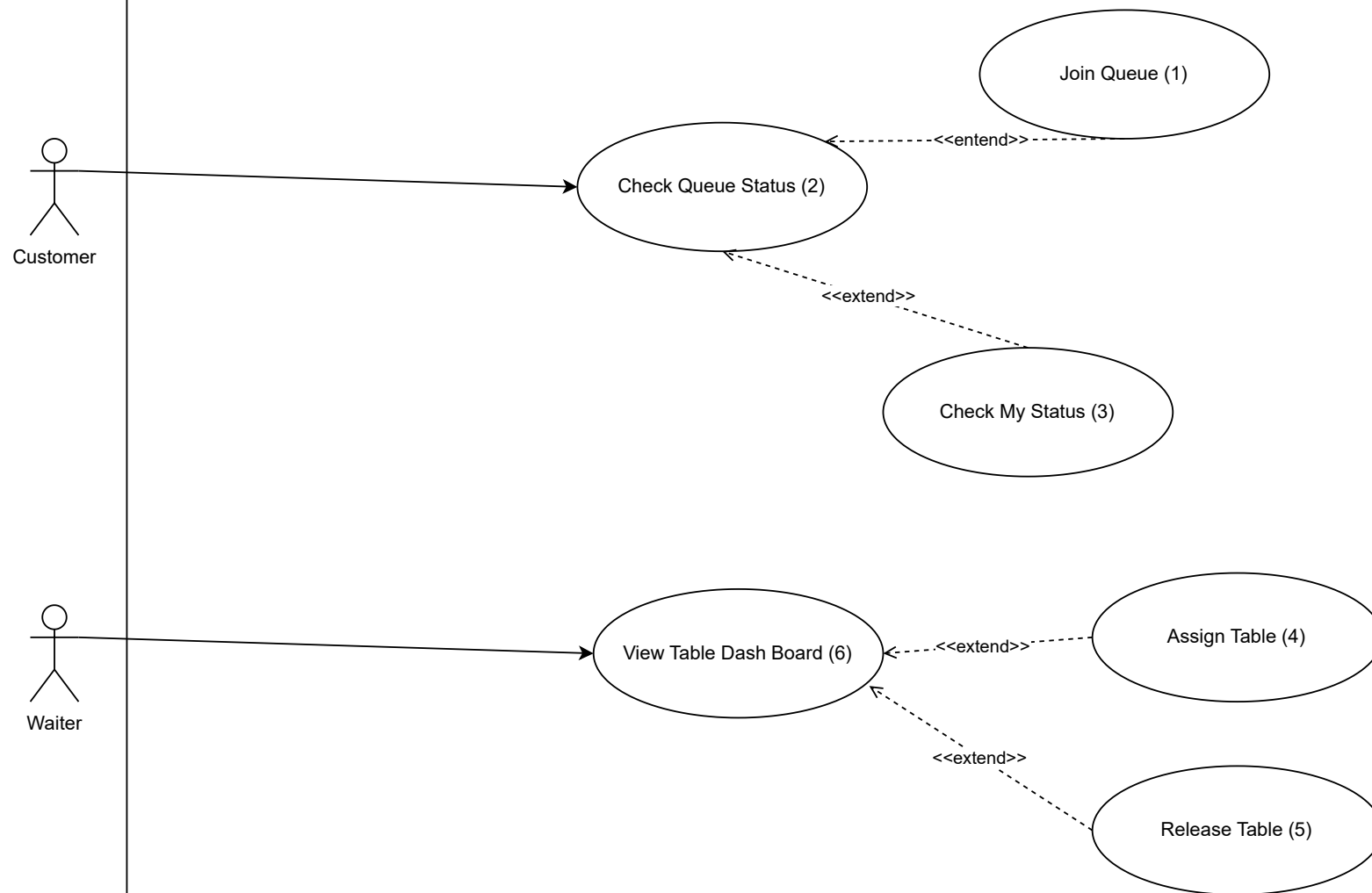
Release Table (5)

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UC Reference Name/Number: Join Queue (1)
Overview: Customer provides personal information (name, phone number) and party size to join the restaurant waitlist. System validates input, creates Party object, and adds to appropriate size category queue with confirmation message.
Related use cases: UC-2 (Check Queue Status)
Actors: Customer

UC Reference Name/Number: Check Queue Status (2)
Overview: Customer views current waitlist information showing number of people waiting for each table size category (Small 1-2 people, Medium 3-4 people, Large 5+ people). This is the main customer interface with navigation options.
Related use cases: UC 1 (Join Queue) and UC 3 (Check My Status)
Actors: Customer

UC Reference Name/Number: Check My Status (3)
Overview: Customer enters phone number to check their current position in queue, party details, table category, and number of available tables for their category. Accessed from the main queue status interface.
Related use cases: UC-2 (Check Queue Status)
Actors: Customer

UC Reference Name/Number: Assign Table (4)
Overview: Waiter automatically assigns available tables to waiting parties using priority algorithm (Small → Medium → Large). System shows confirmation message and returns to dashboard.
Related use cases: UC-006 (View Table Dashboard)
Actors: Waiter

UC Reference Name/Number: Release Table (5)
Overview: Waiter enters table number to release occupied table. System validates table status, removes party assignment, marks table as available, shows confirmation message, and returns to dashboard.
Related use cases: UC-006 (View Table Dashboard)
Actors: Waiter

UC Reference Name/Number: View Table Dashboard (6)
Overview: Waiter views comprehensive table status dashboard showing all 16 tables with their ID, size category, and current status. This is the main waiter interface with action buttons.
Related use cases: UC-004 (Assign Table) and UC-005 (Release Table)
Actors: Waiter