Dan's Bagel Shop

Web App

Use Case Diagrams

Name: Add Employee (Chef/Cashier)

Participating Actors: Manager, Employee, Database
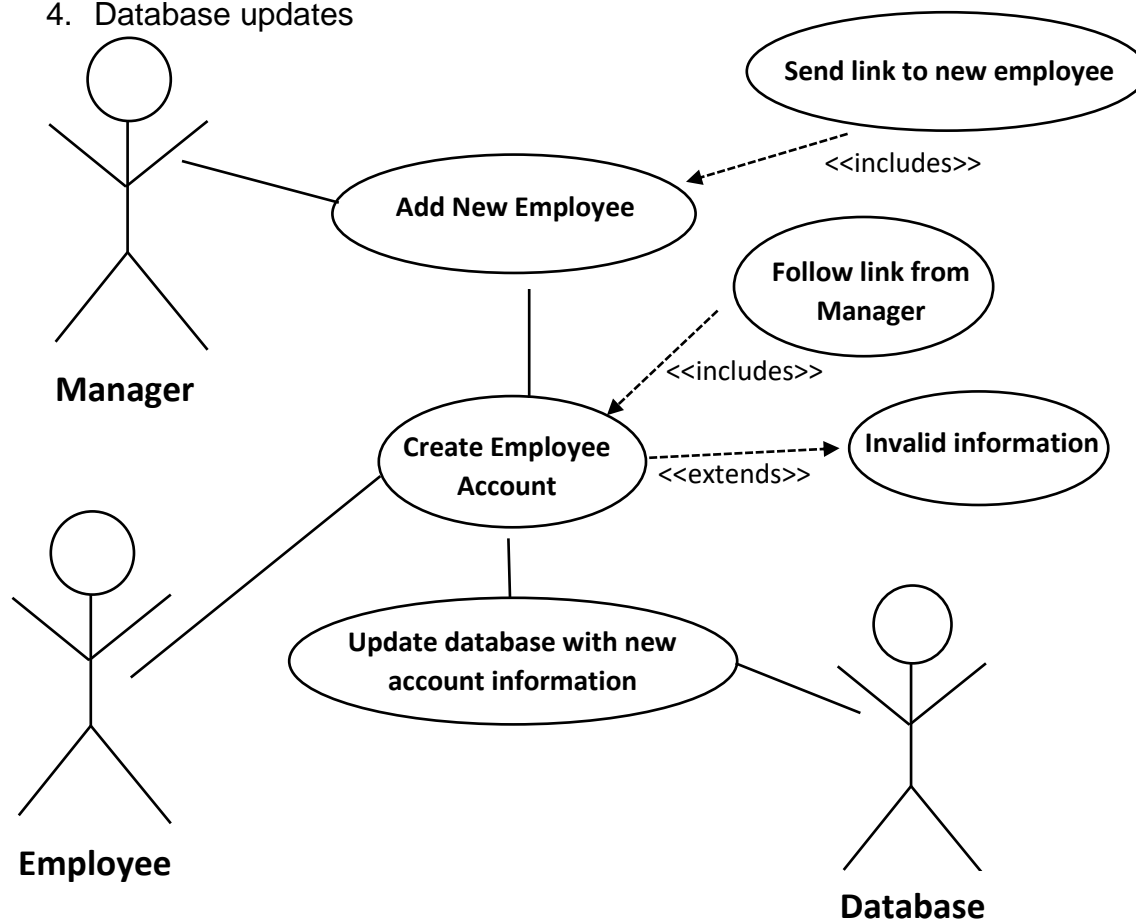
Entry Conditions:

- Manager has met with and decided to hire the new employee
- Proper paperwork has been filled out

Exit Conditions:

- Employee has successfully created an account
- Database updates

Event Flow:

1. Employee is hired
2. Manager sends link to employee to the employee account creation page
3. Employee creates account
4. Database updates

Name: Order Inventory

Participating Actors: Manager, Database
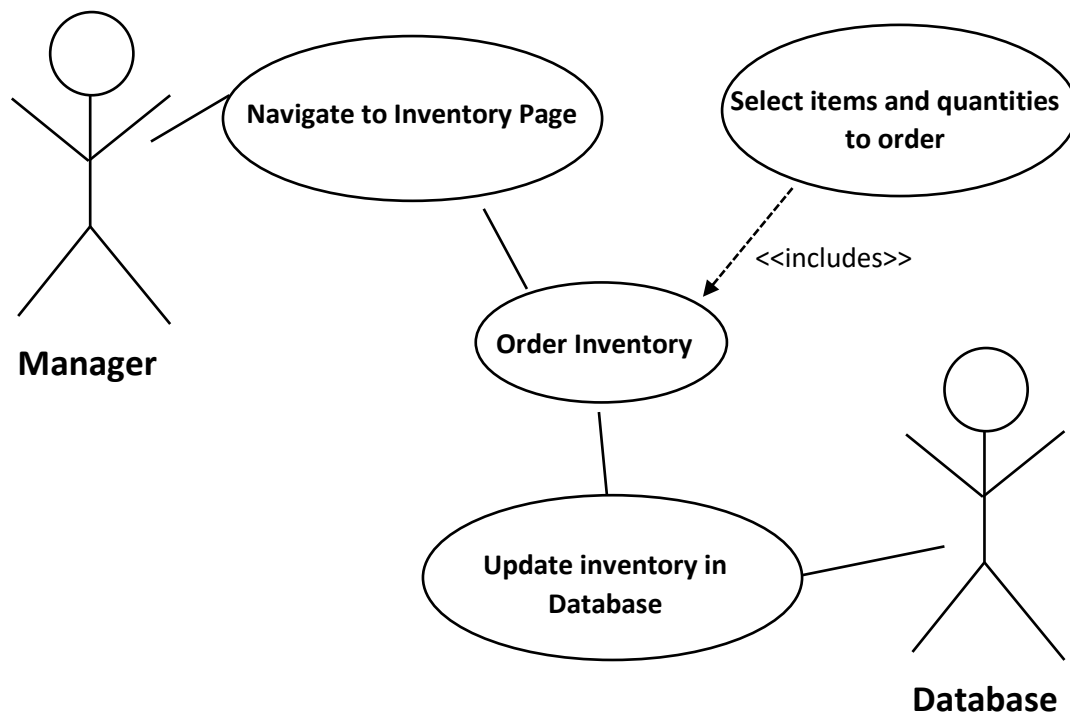
Entry Conditions:

- Manager logs in and navigates to inventory page

Exit Conditions:

- Manager orders inventory
- Database updates

Event Flow:

1. Manager navigates to inventory page
2. Manager selects items and quantities to order
3. Manager clicks the "Order" button
4. Database updates

Name: Edit Menu

Participating Actors: Manager, Database
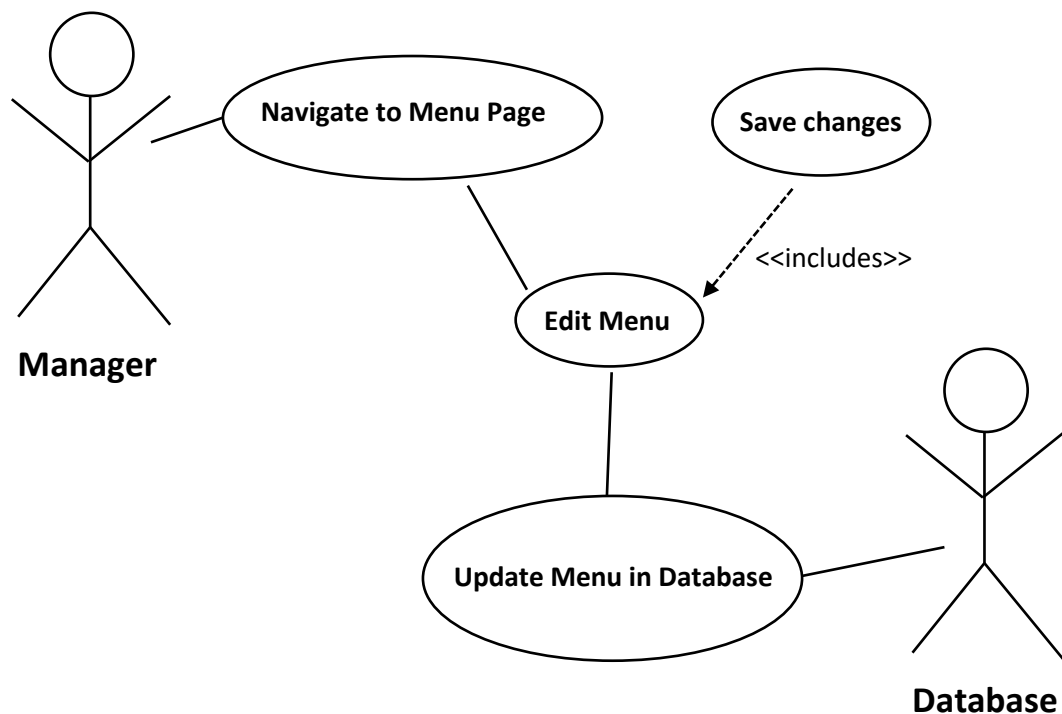
Entry Conditions:

- Manager logs in and navigates to menu page

Exit Conditions:

- Manager clicks "save"
- Database updates

Event Flow:

1. Manager navigates to menu page
2. Manager selects 'edit'
3. Manager makes desired changes
4. Manager clicks 'save'
5. Database updates

Name: Create Account

Participating Actors: Customer, Database
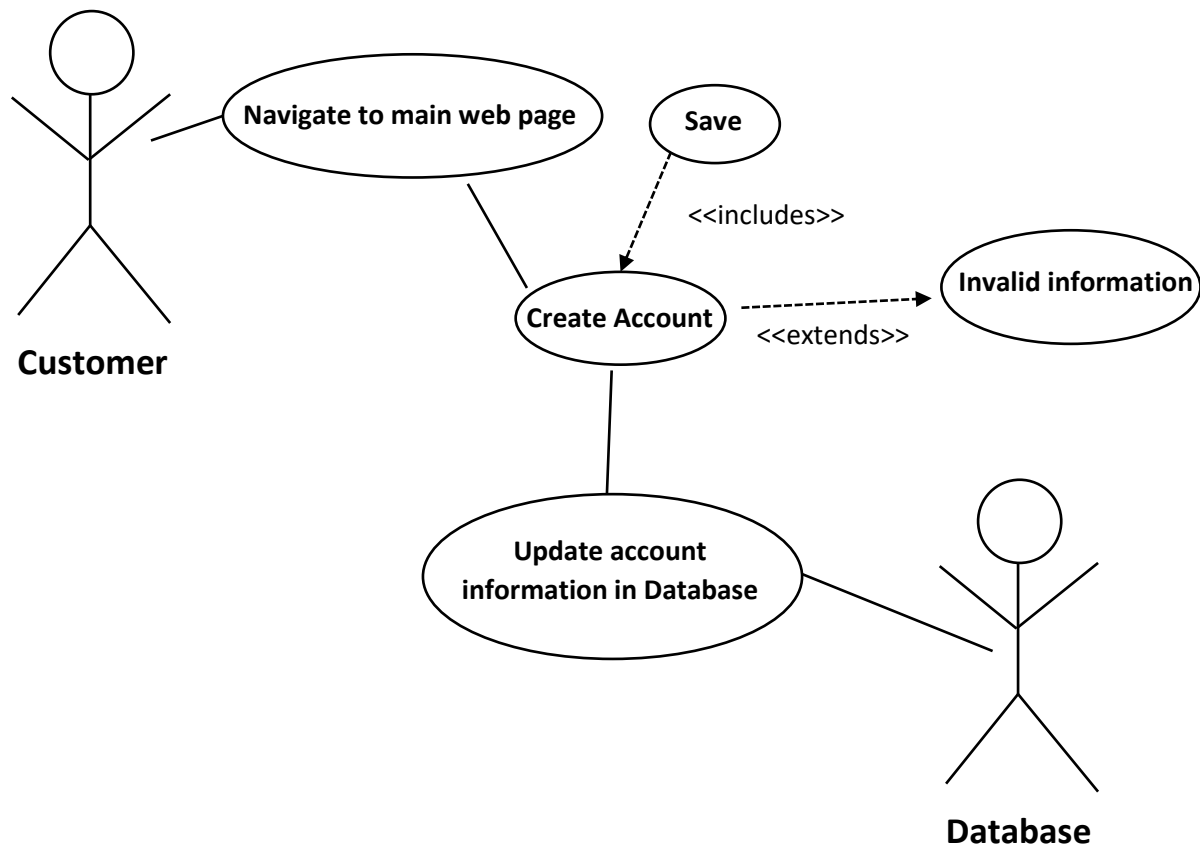
Entry Conditions:

- Customer navigates to Dan's Bagel Shop web page

Exit Conditions:

- Customer clicks 'save'
- Database updates

Event Flow:

1. Customer navigates to Dan's Bagel Shop web page
2. Customer selects 'create account'
3. Customer follows instructions (inputting personal information)
4. Customer clicks 'save'
5. Database updates

Name: Order Bagel

Participating Actors: Customer, Database
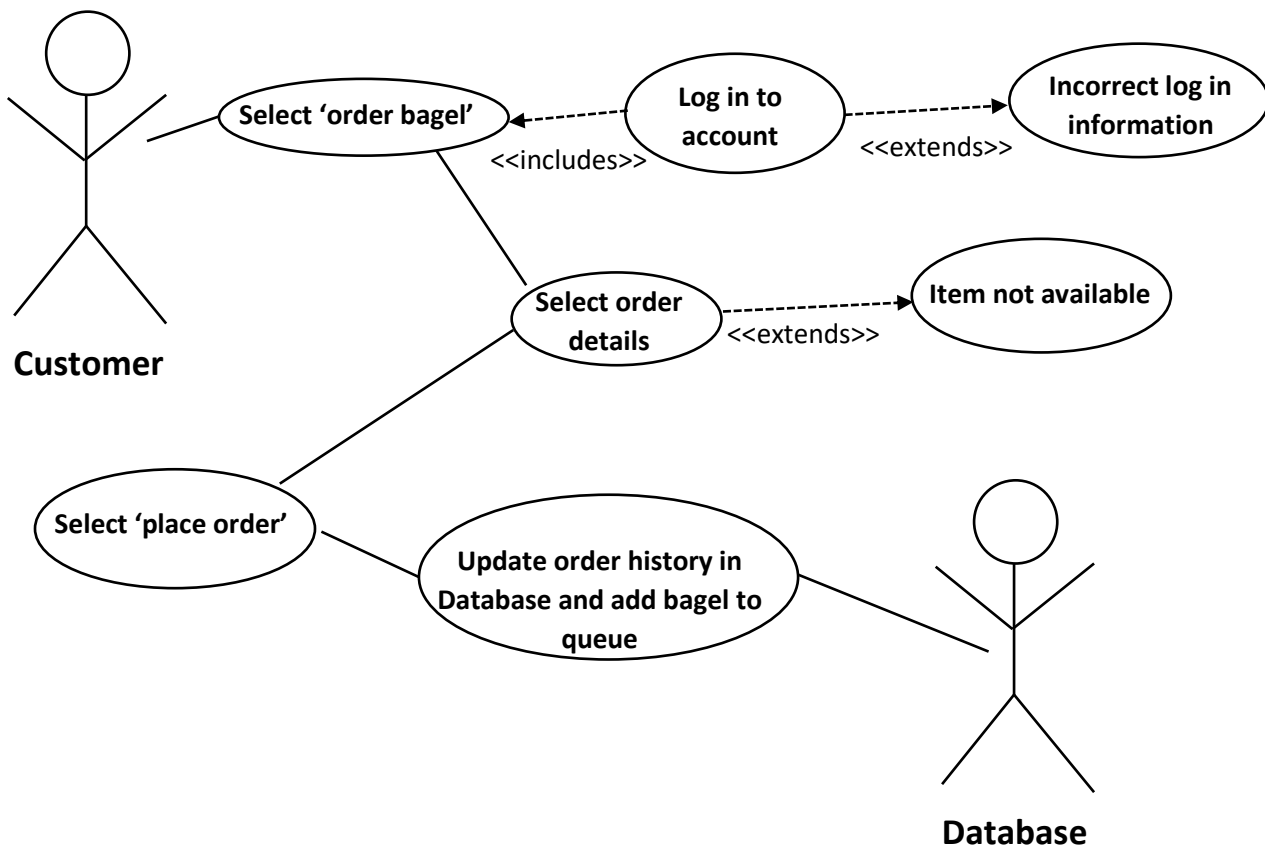
Entry Conditions:

- Customer selects 'order bagel'

Exit Conditions:

- Customer selects 'place order'
- Database updates

Event Flow:

1. Customer selects 'order bagel'
2. Customer gives order information
3. Customer clicks 'place order'
4. Database updates order history

Name: Add Money to Account

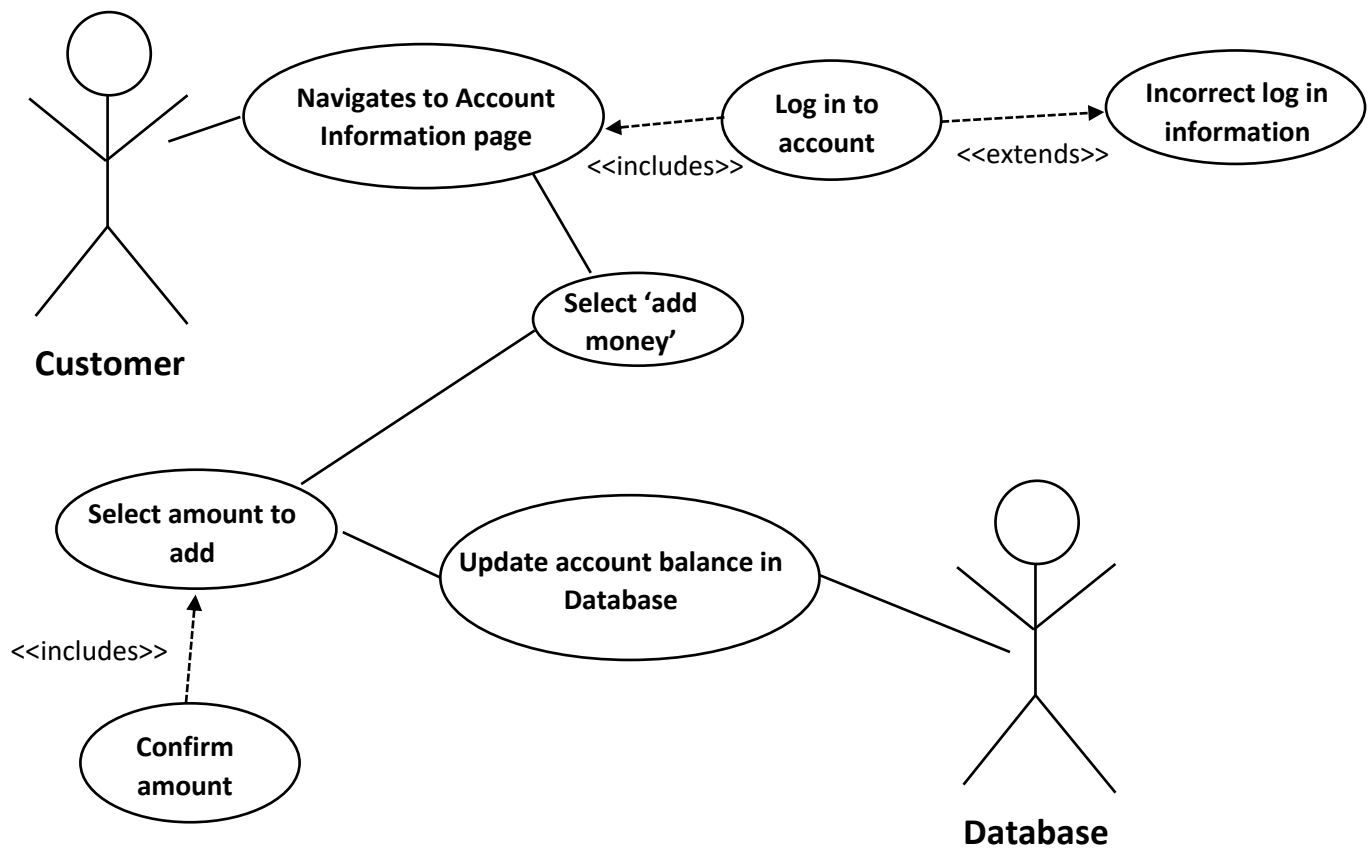*Participating Actors:* Customer, Database

Entry Conditions:

- Customer selects 'Add money' in the account information page

Exit Conditions:

- Customer selects 'confirm'
- Database updates

Event Flow:

1. Customer navigates to account information page
2. Customer selects 'add money'
3. Customer selects an amount to add
4. Customer clicks confirm
5. Database updates account balance

Name: Bagel Creation

Participating Actors: Chef, Database
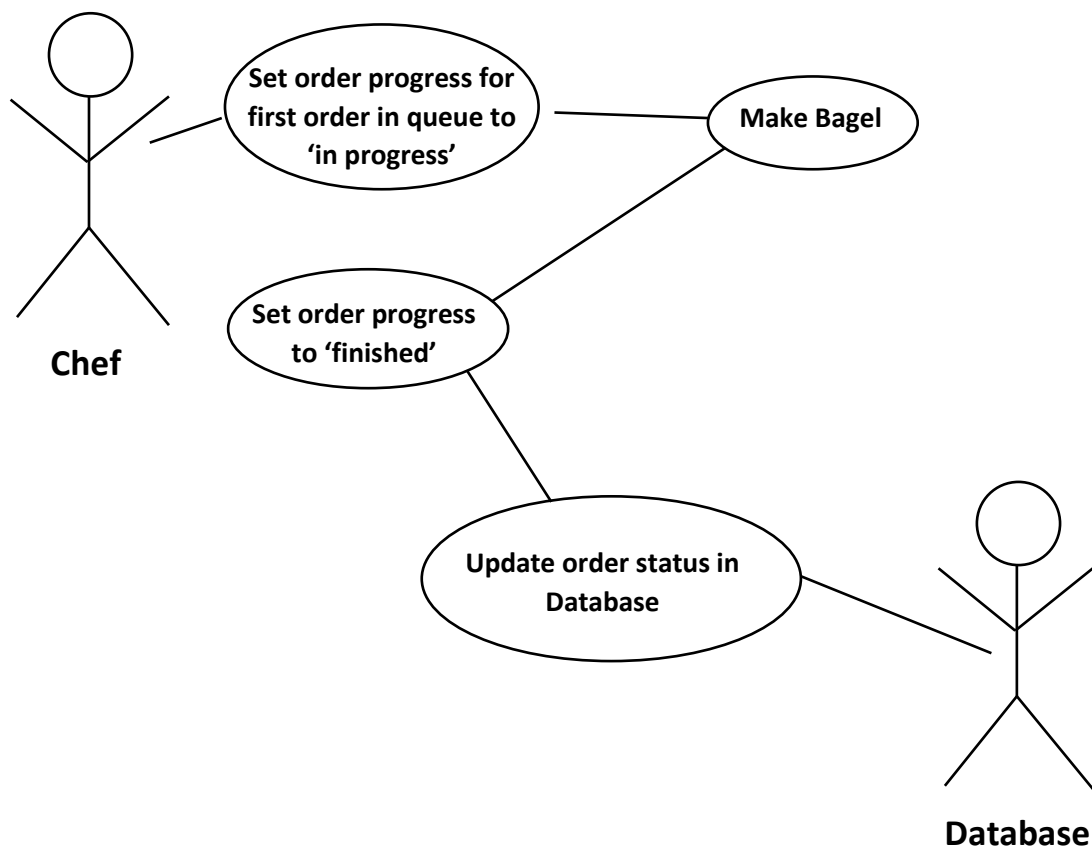
Entry Conditions:

- Chef starts making a bagel in the queue

Exit Conditions:

- Chef finishes the bagel
- Database updates

Event Flow:

1. Chef selects the first order in the queue
2. Chef makes the bagel
3. Chef changes order progress to 'finished'
4. Database updates order progress

Name: Bagel Creation

Participating Actors: Cashier, Customer, Database

Entry Conditions:

- Bagel is finished
- Customer arrives to pick up order

Exit Conditions:

- Customer receives order
- Database updates

Event Flow:

1. Bagel is finished
2. Customer arrives to pick up order
3. Cashier verifies order details
4. Customer receives order
5. Database updates order progress