

Home page / browser

+-----+				
Kiwi Kloset [logo]	[Search box.....]			(Cart)
+-----+				
Categories		[Filters]	Size [v]	Price [---- ---]
- Movies				
- Historical		[Card] Title		[View Details]
- Halloween		[Img] \$DailyPrice		[Add to Booking]
- Decades		...(etc)		
+-----+				
Footer: Contact • Branches • Terms				
+-----+				

## 1.Purpose

The homepage acts as the main entry point to the website, enabling users to browse costumes, refine searches with filters, and begin bookings.

## Layout & Elements

### 1. Header

- Logo (Kiwi Kloset): Provides branding and links back to the homepage.
- Search Bar: Allows keyword-based costume searches.
- Cart Icon: Displays the number of items in the user's booking cart and links to the cart page.

### 2. Sidebar (Categories)

- A list of high-level categories (*Movies*, *Historical*, *Halloween*, *Decades*) for quick navigation. Selecting a category filters costumes displayed in the main section.

### 3. Filters

- Size Dropdown: Enables filtering costumes by available size (XS–XL).
- Price Slider: Allows users to refine results by daily rental price range.

### 4. Costume Cards

- Each card contains:
  - Thumbnail Image of the costume.
  - Title and Daily Price.
  - View Details Button: Opens the costume details page.
  - Add to Booking Button: Adds the costume directly to the booking cart.

## 5. Footer

- Provides links to Contact Information, Branches, and Terms of Service.

### CostumeDetails

+-----+		
< Back   Kiwi Klost		
+-----+		
Title (Category tags)		
Description:		
Size: [XS][S][M][L][XL]	Daily Price: \$00.00	Deposit: \$00.00
Availability at Branch [Hamilton Central v]:		[In stock]
[Add to Booking]		
+-----+		
Related Costumes (carousel)		
+-----+		
Footer: Contact • Branches • Terms		
+-----+		

## 2. Costume Details Page

### Purpose

The costume details page provides detailed information about an individual costume and allows users to add it to their booking cart with specific selections.

### Layout & Elements

#### 1. Navigation

- Back Button: Returns to the previous page.
- Logo: Branding and quick return to homepage.

## 2. Costume Details

- Title with Category Tags (e.g., *1960s • Historical*).
- Description: Information on the costume theme, design, and materials.

## 3. Booking Options

- Size Selector: Buttons for XS–XL.
- Daily Price and Deposit displayed.
- Branch Availability: Dropdown to select branch (e.g., *Hamilton Central*), with live stock status shown (e.g., *In stock*).
- Add to Booking Button: Confirms selections and adds the costume to the cart.

## 4. Related Costumes

- Carousel displaying similar or complementary costumes for further browsing.

## 5. Footer

- Standard site links (Contact, Branches, Terms).

Account registry/ form for getting profile

+-----+	
< Back   Kiwi Kloset	
+-----+	
Create Account	
First Name [ ]	
Last Name [ ]	
Email [ ]	
Phone [ ]	
[Create Account]	
+-----+	
Footer: Contact • Branches • Terms	
+-----+	

### 3. Account Registration / Profile Form

#### Purpose

Allows customers to create a personal account to store contact information, booking history, and simplify the checkout process.

#### Layout & Elements

##### 1. Navigation

- Back Button: Returns to the previous page.
- Logo: Branding and homepage shortcut.

##### 2. Form Fields

- First Name, Last Name.
- Email: Required for account creation and booking confirmations.
- Phone: Required for contact purposes.

##### 3. Create Account Button

- Submits the form and creates the user's account profile.

##### 4. Footer

- Standard links (Contact, Branches, Terms).

## Booking Cart/ checkout

+-----+		
Booking Cart		
+-----+		
Item Dates Qty Daily Subtotal		
60s Dress (M) 12 Sep → 14 Sep 1 \$25 \$50		
[Change dates] [Remove]		
Total: \$50		
[Proceed to Checkout]		
+-----+		
Checkout: Select Branch [v]	Confirm Details	Submit Booking
+-----+		
Footer: Contact • Branches • Terms		
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## 4. Booking Cart / Checkout

### Purpose

Enables users to review, edit, and confirm their booking selections before submitting.

### Layout & Elements

#### 1. Cart Overview

- Table of Items: Displays each selected costume with:
  - Item name and size.
  - Dates (rental period).
  - Quantity.
  - Daily rate and calculated subtotal.

#### 2. Item Controls

- Change Dates: Adjust rental period.
- Remove: Delete item from the cart.

### 3. Total

- Displays the current subtotal of the booking.

### 4. Checkout Controls

- Proceed to Checkout: Moves user into checkout steps.
- Checkout Flow:
  - Select Branch Dropdown: Choose pickup branch.
  - Confirm Details: Review customer and booking information.
  - Submit Booking: Finalizes booking and reserves the costumes.

### 5. Footer

- Standard site links.

## My Bookings

+-----+	
My Bookings	
+-----+	
#12345 Confirmed 12–14 Sep Hamilton Central	
Items: 60s Dress (M)	
[View / Edit] [Cancel]	
...(etc)	
+-----+	
Footer: Contact • Branches • Terms	
+-----+	

## 5. My Bookings

### Purpose

Provides customers with an overview of past and upcoming bookings and options to manage them.

## Layout & Elements

### 1. Booking List

- Each booking includes:
  - Booking Number (#12345).
  - Status (e.g., *Confirmed*).
  - Dates (e.g., *12–14 Sep*).
  - Branch (e.g., *Hamilton Central*).
  - Items within the booking (e.g., *60s Dress, M*).

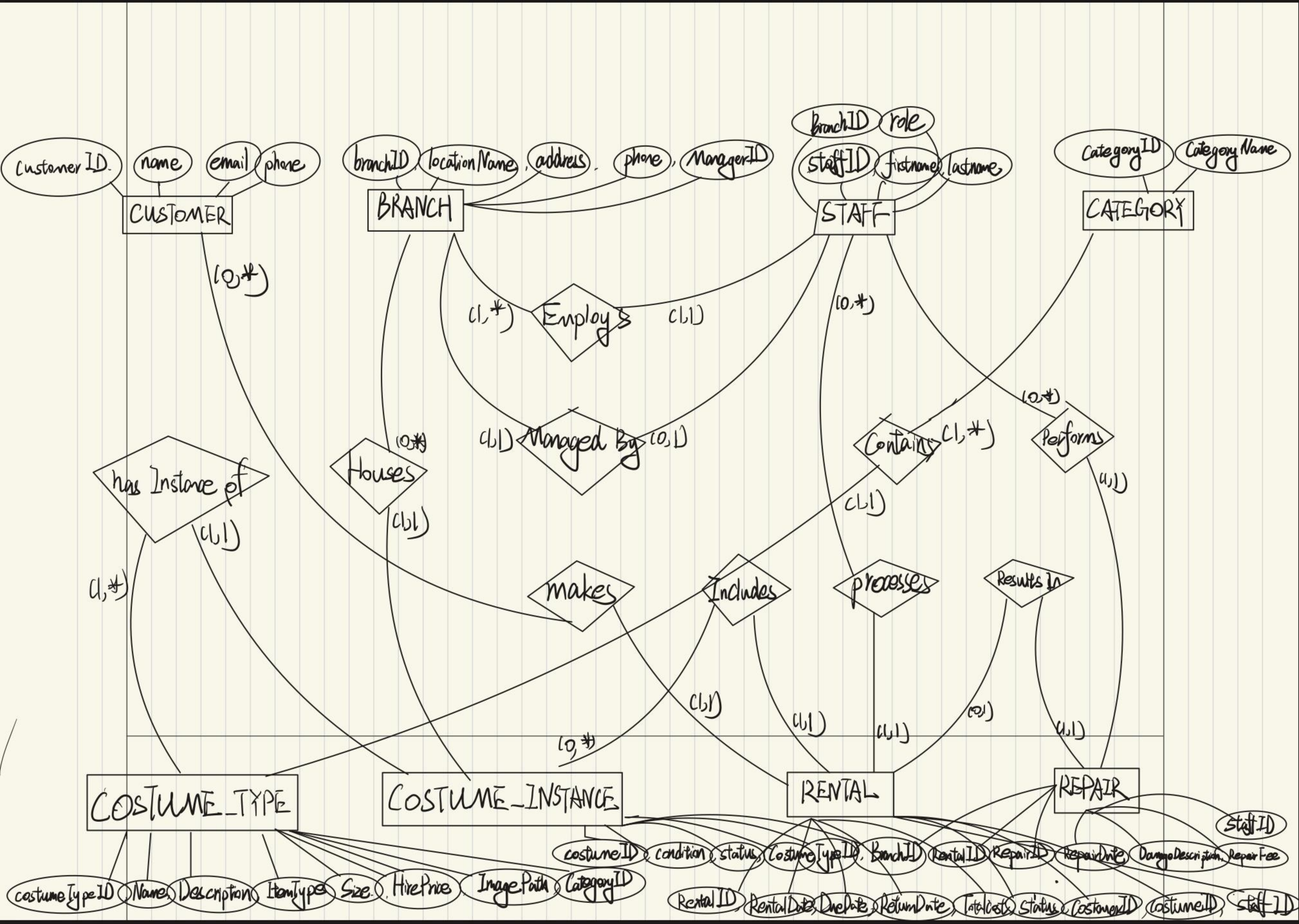
### 2. Booking Actions

- View / Edit: Opens booking details; may allow size/date adjustments (if permitted).
- Cancel: Cancels booking, depending on terms and conditions.

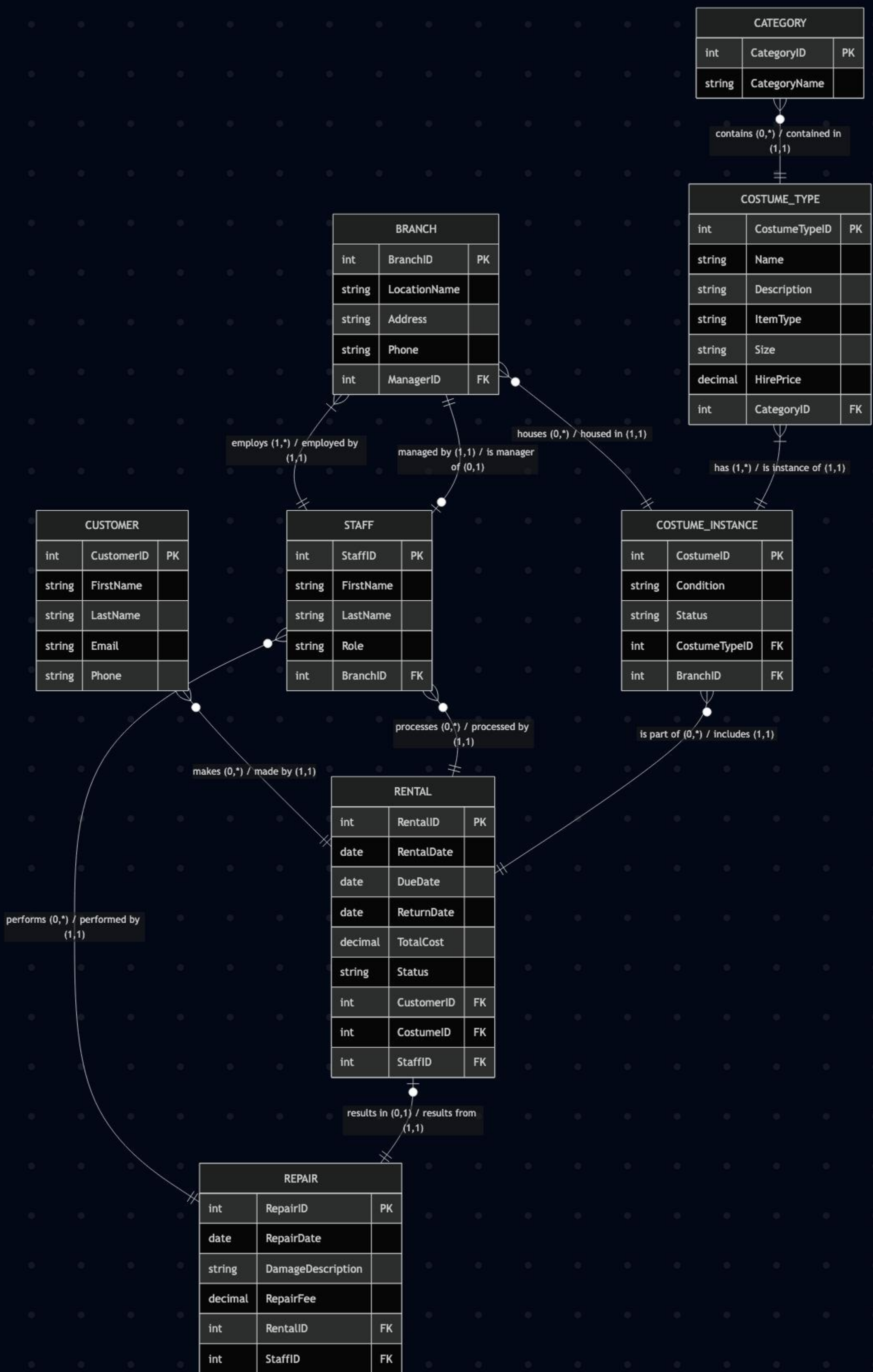
### 3. Footer

- Standard site links.









**CUSTOMER** (<u>CustomerID</u>, FirstName, LastName, Email, Phone)

- **Foreign Keys:** None

**BRANCH** (<u>BranchID</u>, LocationName, Address, Phone, ManagerID)

- **Foreign Keys:**
  - **ManagerID** references STAFF( **StaffID** )

**STAFF** (<u>StaffID</u>, FirstName, LastName, Role, BranchID)

- **Foreign Keys:**
  - **BranchID** references BRANCH( **BranchID** )

**CATEGORY** (<u>CategoryID</u>, CategoryName)

- **Foreign Keys:** None

**COSTUME\_TYPE** (<u>CostumeTypeID</u>, Name, Description, **ItemType**, Size, HirePrice, CategoryID)

- **Foreign Keys:**
  - **CategoryID** references CATEGORY( **CategoryID** )

**COSTUME\_INSTANCE** (<u>CostumeID</u>, Condition, Status, CostumeTypeID, BranchID)

- **Foreign Keys:**
  - **CostumeTypeID** references COSTUME\_TYPE( **CostumeTypeID** )
  - **BranchID** references BRANCH( **BranchID** )

**RENTAL** (<u>RentalID</u>, RentalDate, DueDate, ReturnDate, TotalCost, Status, CustomerID, CostumeID, StaffID)

- **Foreign Keys:**
  - **CustomerID** references CUSTOMER( **CustomerID** )
  - **CostumeID** references COSTUME\_INSTANCE( **CostumeID** )
  - **StaffID** references STAFF( **StaffID** )

**REPAIR** (<u>RepairID</u>, RepairDate, DamageDescription, RepairFee, RentalID, StaffID)

- **Foreign Keys:**
  - **RentalID** references RENTAL( **RentalID** )
  - **StaffID** references STAFF( **StaffID** )



# COMPX225 Project Deliverable 1 Report Template

**Group Name:**

## Contribution table

Please specify the contribution (in percentage) each group member has made.

Name	Part 1	Part 2	Part 3	Part 4
Junyao Shi	50%	50%	50%	50%
Dillon Mitchell	50%	50%	50%	50%
	0%	0%	0%	0%

**Note:** Each group member is supposed to contribute to all four parts of Deliverable 1. You will not get any marks for a part on which you didn't do any work.

## Part 1: ER Diagram (40 points)

Task 1: Draw the ER Diagram of the database that consists of entities, attributes, relationships and cardinalities, and underline the attribute(s) that will be used as primary key  
Task 2: Explain the attributes that are not self-explanatory, for example, attributes with unclear names, that will be normalised, or have constraints on the values.

## Part 2: Relational Model (10 points)

Task: Create the relational model from the ER diagram developed in Part 1. Make sure to (1) underline primary keys, (2) point out the foreign keys and the relations they reference.

## Part 3: MySQL Code (30 points)

Task 1: Convert the relational model in Part 2 to SQL tables. Make sure to use appropriate data types, specify the primary and foreign keys, and include sensible check constraints.

Task 2: Insert at least four rows into all tables. Show the results.

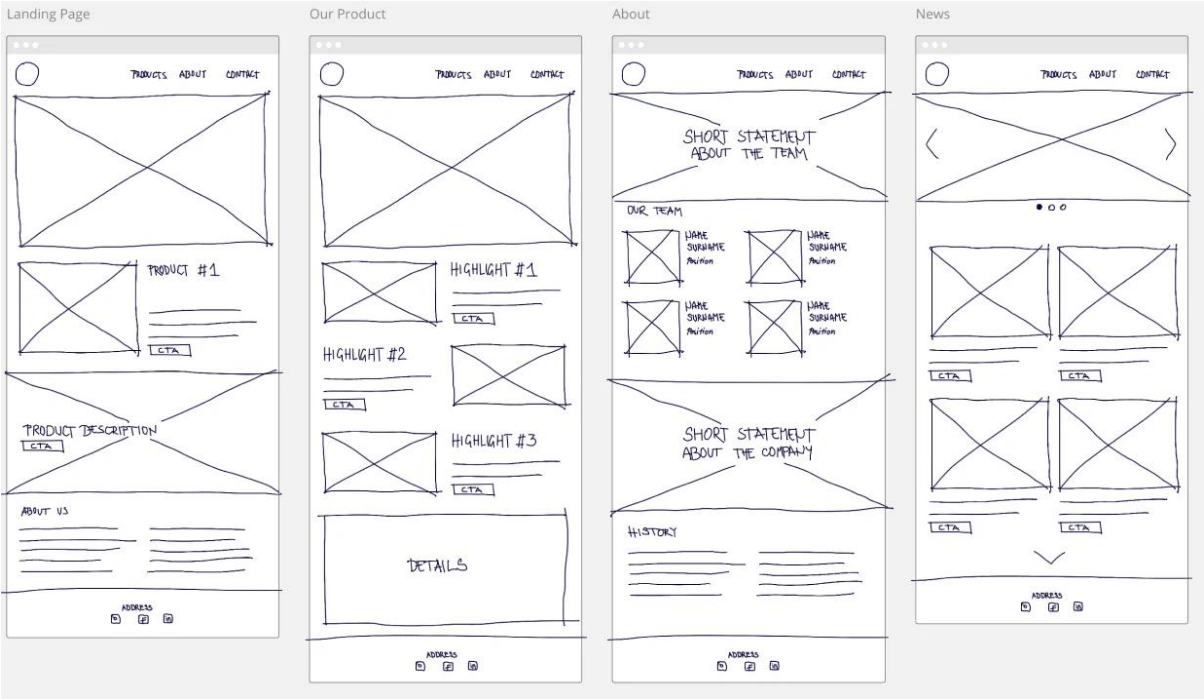
**Please submit all MySQL statements written for Part 3 Task 1-2 in a *.sql* file and only show the results (inserted as images) in the report.**

## Part 4: Wireframes (20 points)

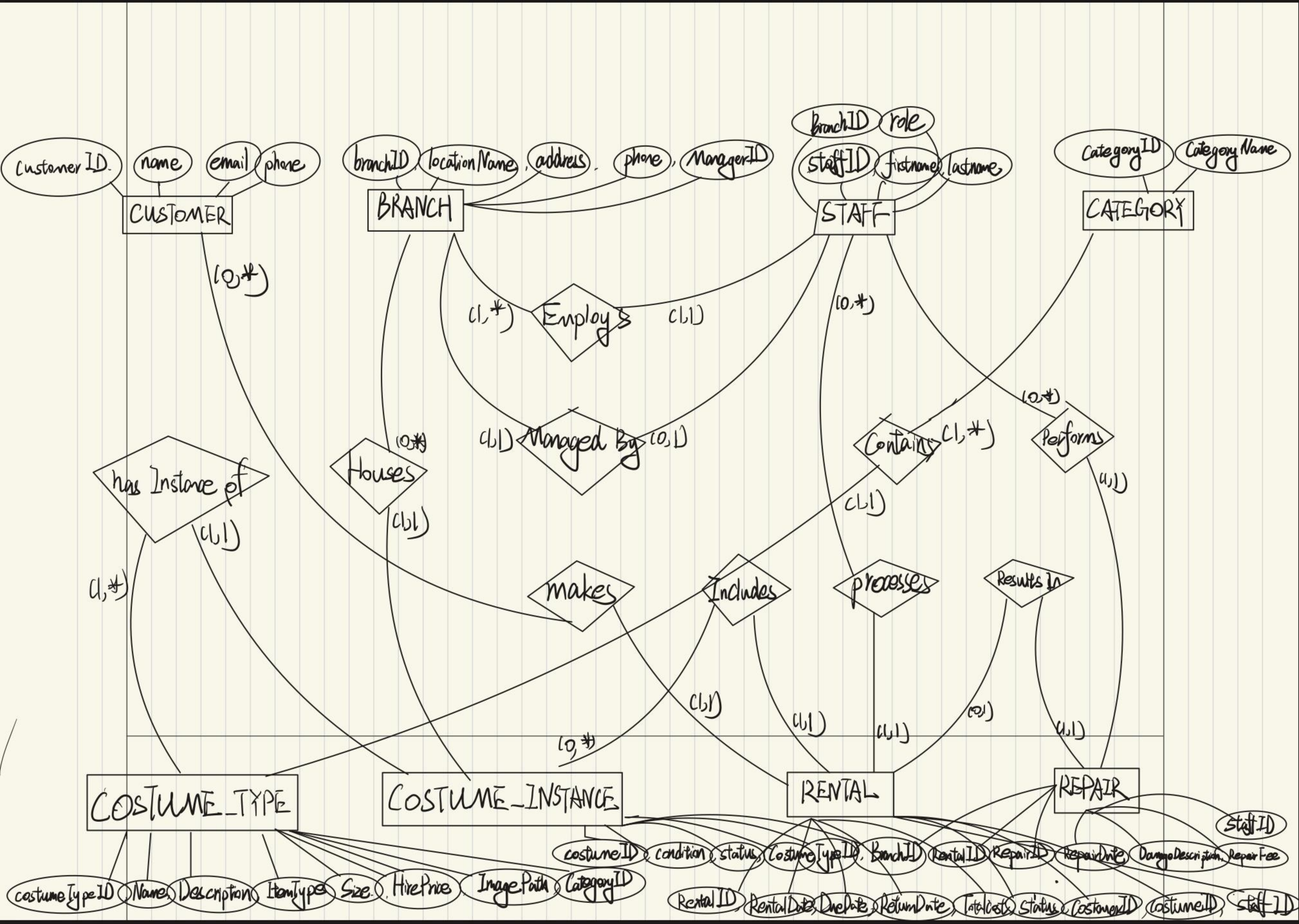
Task 1: Create wireframes for the website for the customer-based requirements.

Task 2: Explain any UI/UX features that are not self-explanatory.

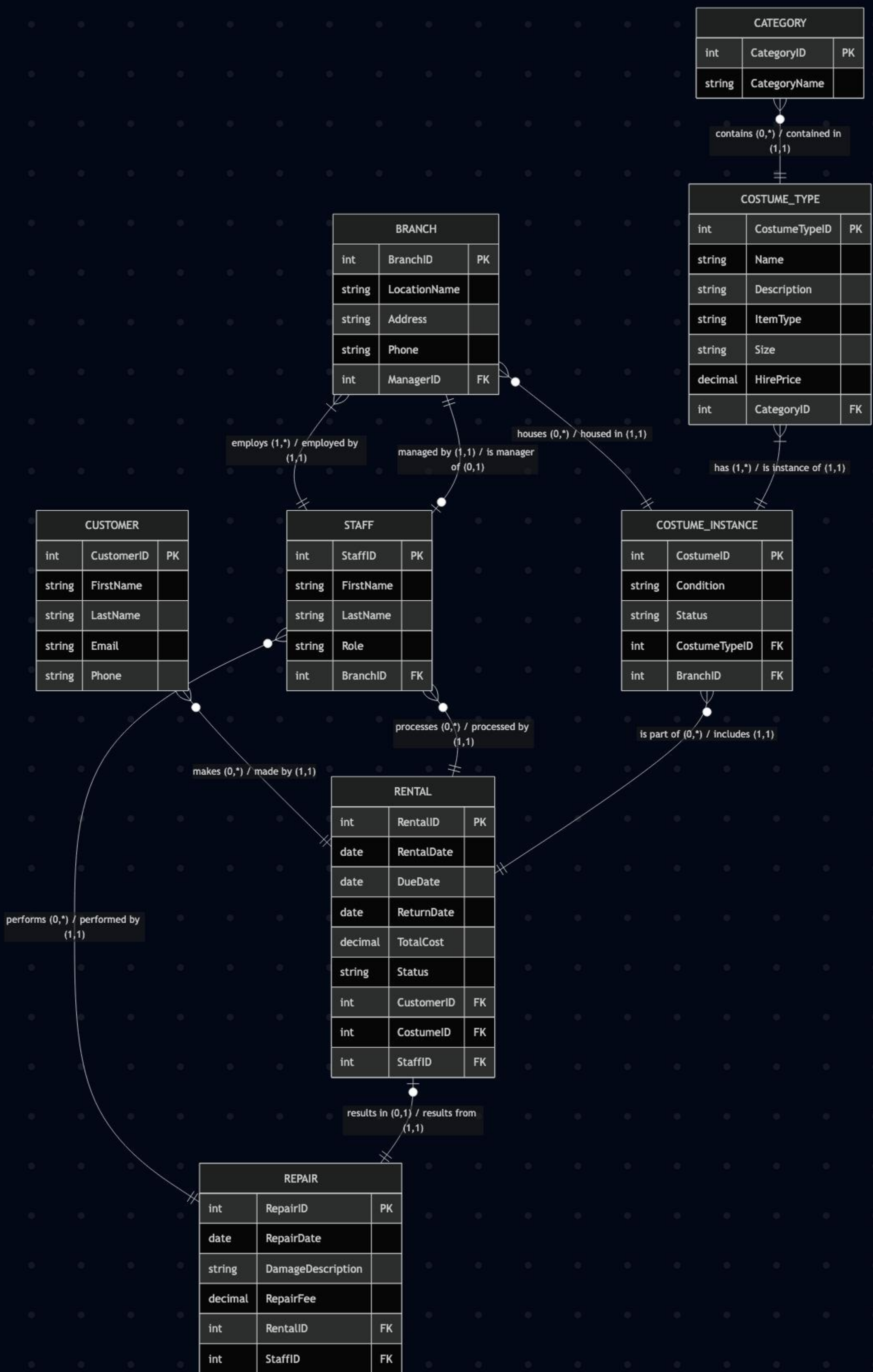
# Wireframes example













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- **Foreign Keys:** None

**COSTUME\_TYPE** (<u>CostumeTypeID</u>, Name, Description, **ItemType**, Size, HirePrice, CategoryID)

- **Foreign Keys:**
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**COSTUME\_INSTANCE** (<u>CostumeID</u>, Condition, Status, CostumeTypeID, BranchID)

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**REPAIR** (<u>RepairID</u>, RepairDate, DamageDescription, RepairFee, RentalID, StaffID)

- **Foreign Keys:**
  - **RentalID** references RENTAL( **RentalID** )
  - **StaffID** references STAFF( **StaffID** )

# COMPX225 Project Deliverable 1 Report Template

**Group Name: Will To Power**

## Contribution table

Please specify the contribution (in percentage) each group member has made.

Name	Part 1	Part 2	Part 3	Part 4
Junyao Shi	50%	50%	50%	50%
Dillon Mitchell	50%	50%	50%	50%
	0%	0%	0%	0%

**Note:** Each group member is supposed to contribute to all four parts of Deliverable 1. You will not get any marks for a part on which you didn't do any work.

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Task 1: Create wireframes for the website for the customer-based requirements.

Task 2: Explain any UI/UX features that are not self-explanatory.

# Wireframes example

