

JayCloset

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OPPORTUNITY/PURPOSE

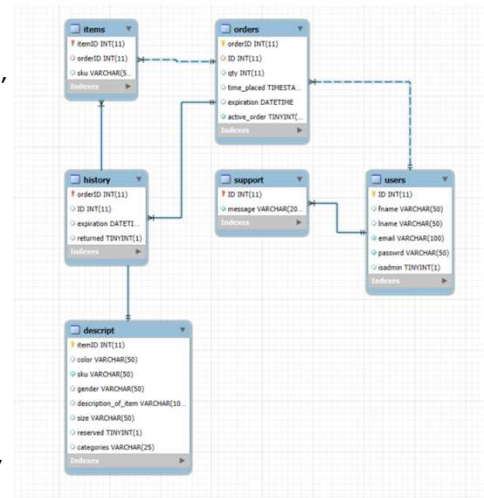
JayCloset transforms the Career Closet experience! Students can now access professional attire anytime, anywhere. Create an account with your student ID, browse available clothing by category, and reserve the perfect outfit for your next interview or career event, all from the convenience of your device.

DESIGN SPECIFICATIONS & SYSTEM REQUIREMENTS

- **Add to cart**
 - Users able to add items into cart.
- **Checkout**
 - Users able to reserve clothing
- **Login/Register**
 - Users able to create an account to save orders
- **Filtering**
 - See the different categories of clothes
- **Administration**
 - Admin able to edit/delete/add items, and manage users

TECHNICAL DESIGN & DATA MODEL

The database includes the tables filled with the users' information as well as order details. The database also includes the item descriptions, such as color, size, SKU, item ID, gender, etc. The code also includes a hybrid architecture, with a combination of singleton, component, factory, and domain design patterns.



Fun fact: The database was rebuilt 5 times!

PROTOTYPE/PROCESS

The login and registration system uses Student ID credentials with comprehensive password validation.

The browse closet page displays real-time inventory from the database with sidebar filters. Admin view includes edit, delete, and add functionality for efficient inventory management. Each item card clearly shows essential details: color, size, gender, and category.

The cart interface displays complete item details with an order summary showing total items.

This provides real-time user statistics with search functionality by name, email, or ID. The table design allows admins to manage user roles and accounts with edit, delete and role toggle options.

The order confirmation page provides users with a unique order ID for tracking their reservation.

TESTING PROCESS OR LESSONS LEARNED

Comprehensive testing validated core functionalities including add to cart operations, item management (edit/add), user authentication, and navigation features. The development process strengthened skills in team collaboration, Git version control, CSS design, and database architecture, enabling delivery of a functional application for students and administrators.

REFERENCES & ACKNOWLEDGEMENTS

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