

# PAC IT

# The Full Stack web APP

BUYING AND SELLING ONLINE

# Summary

- ▶ MVC architectural pattern
  - ▶ Sequelize ORM (MySQL) as database (**MODEL**)
  - ▶ HTML and Bootstrap at Front end secured by PassportJS (**VIEW**)
  - ▶ NodeJS and Express at backend (**CONTROLLER**)
- ▶ App to allow users to sell out to, or buy from other users
- ▶ Thus, in this app the seller posts items to sell on the PAC IT website
- ▶ Buyer selects an item to buy and for
- ▶ Once an item has been sold, the item will not be available for other users
- ▶ Incorporated Login Authentication which allows users to login before the user wants to sell products



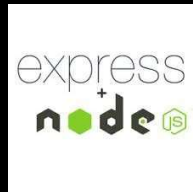
Buy

Sell

Admin



Front End



Server

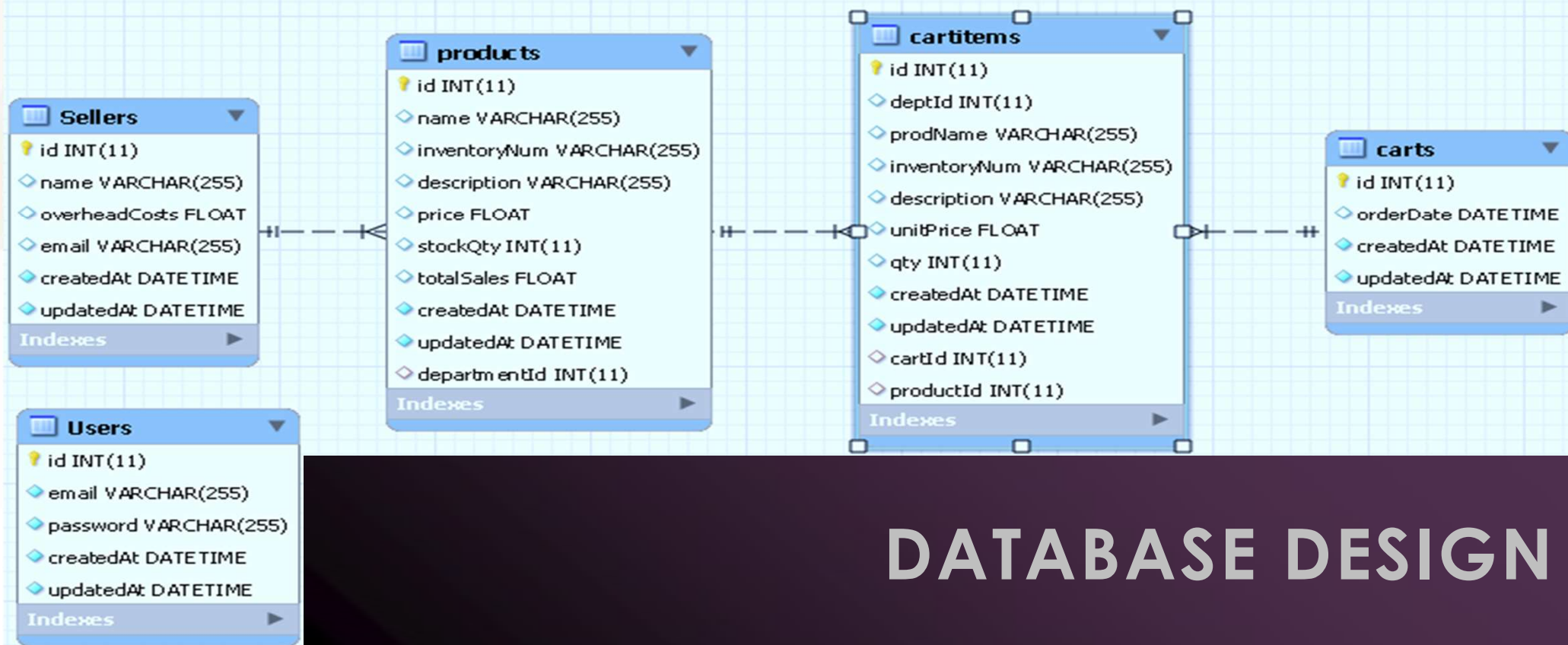


Database



Authentication

# Major Technologies



# DATABASE DESIGN

# Buy and Sell

**P.A.C.I.T ZOMBIE**  
RENTS AND CLOTHES

Buy Sell Admin

New User sign up

Email address

Password

Or log in here

**Sign up**

**P.A.C.I.T ZOMBIE**  
RENTS AND CLOTHES

Buy Sell Admin

User Form

Email address

Password

New User sign up here


**Login**


**P.A.C.I.T ZOMBIE**  
RENTS AND CLOTHES

Buy Sell Admin

All items |  |  |

Products for sale

Name: Benz  
  
Description: Great Condition  
Seller: Amira Kinar / Price: \$2,564.40 USD / Available Quantity: 4  
Qty:


Name: Laptop  
  
Qty:


**Buy**

**P.A.C.I.T ZOMBIE**  
RENTS AND CLOTHES

Buy Sell Admin

All items |

Name: Benz  
  
Description: Great Condition  
Seller: Amira Kinar / Price: \$2,564.40 USD / Available Qty: 4  
Edit Remove

Name: Laptop  
  
Edit Remove

**Sell Landing Page**

**P.A.C.I.T ZOMBIE**  
RENTS AND CLOTHES

Buy Sell Admin

New Product Info

Seller

Product

Image URL

Description

Price

Quantity

**Add new Product**

**P.A.C.I.T ZOMBIE**  
RENTS AND CLOTHES

Buy Sell Admin

Update Product Info

Seller

Product

Price

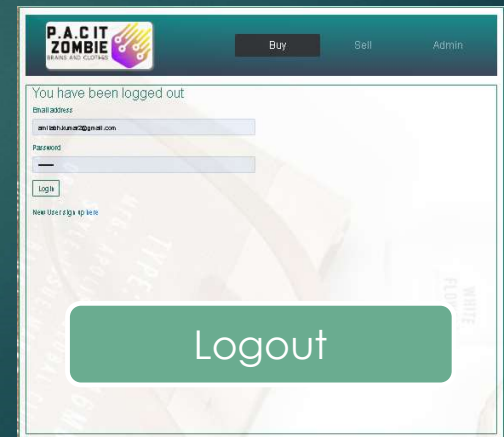
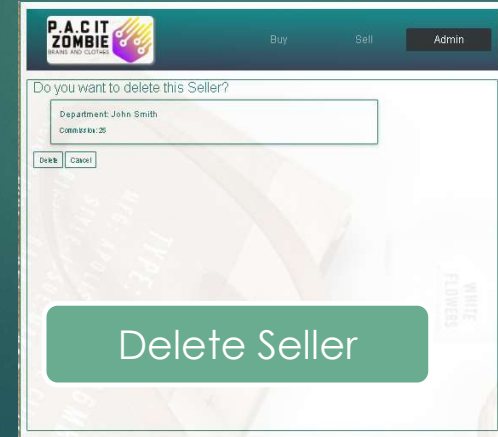
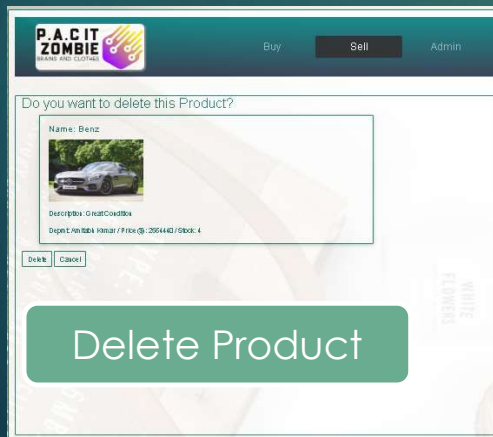
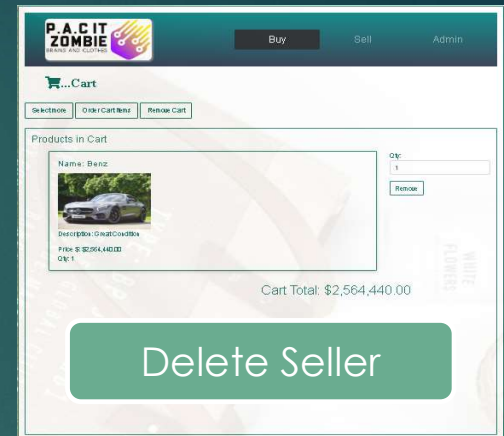
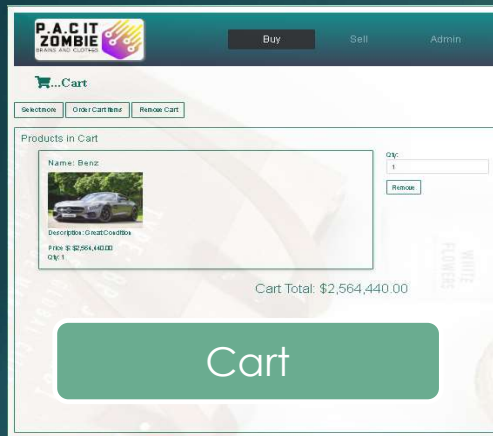
Description

Image URL

Quantity

**Add new Seller**

# Cart and Admin





# Thank You

✉ ▶ Email  
[pacit@example.com](mailto:pacit@example.com)

