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Sprint 2, D0018E Group 34

User Roles:

- Employee (with a column for special sub roles like Manager/Administrator that would unlock more permissions)
- Customer

Scenarios/Use-cases:

- Employee adds a new product
- Employee edits/deletes a product
- Employee views current orders made by customers
- Customer logs in on site and buys a product
- Customer submits a contact form
- Customer adds products into his/her shopping cart and then checks out
- Customer logs in and views his/her order
- An unregistered user makes an account

Architecture:

- Bootstrap framework for HTML,
- PHP for the Server,
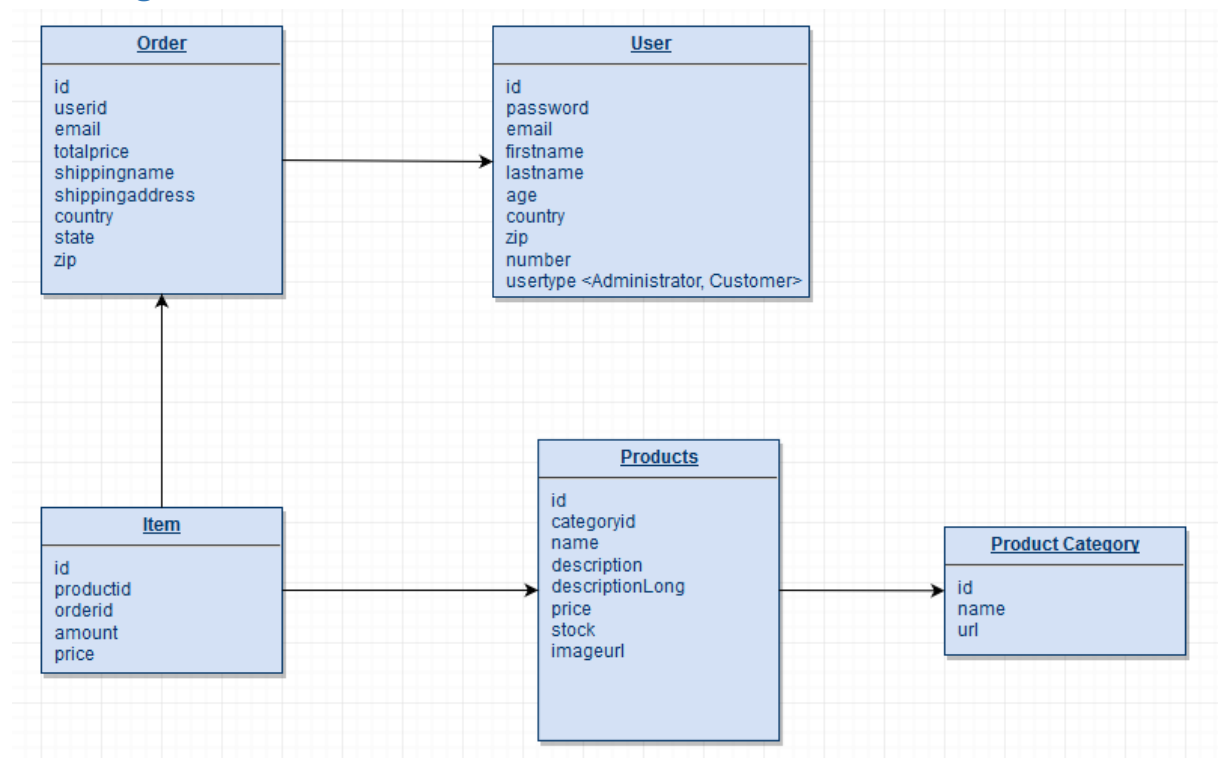- MySQL for the database.

We will use PHP to connect the SQL Database with the HTML website, and then use that connection to export and import data to and from the server. The bootstrap framework is just to make a neat looking website while simplifying the coding process.

GitHub link to code repository: https://github.com/Mawn/D0018E-Databaser

Test-case Specifications (for sprint 2 only):

- Manually add new products via the database and refresh the website to see the changes
- Add a new category to see the updates
- Change product categories on products and filter the products page to show the changes

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E-R Diagram:

Order
- id
- userid
- email
- totalprice
- shippingname
- shippingaddress
- country
- state
- zip

User
- id
- password
- email
- firstname
- lastname
- age
- country
- zip
- number
- usertype <Administrator, Customer>

Item
- id
- productid
- orderid
- amount
- price

Products
- id
- categoryid
- name
- description
- descriptionLong
- price
- stock
- imageurl

Product Category
- id
- name
- url

We couldn't get MySQL Workbench to work on the school computers, so we are still using a draw.io XML Diagram for the E-R Diagram.

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Backlog:

TODO

Misc. HTML (Styling/debugging /small-scale design)

`frontend` `HTML` `Sprint 3`

Create "Contact Form" functionality

`backend` `PHP` `Sprint 3`

Create login functionality (OAuth?)

`backend` `PHP` `Sprint 3`

In Progress

Frontpage Design

`frontend` `HTML` `Sprint 2`

Ready

Barebones MySQL Mockup

`backend` `Sprint 1` `SQL`

Draft ER Diagram

`backend` `Sprint 1` `SQL`

Modify Page Style

`frontend` `HTML` `Sprint 1`

Make a basic HTML Mockup

`frontend` `HTML` `Sprint 1`

Connect Server with Webpage

`backend` `PHP` `Sprint 2`

Connect SQL DB with Webpage

`backend` `PHP` `Sprint 2`

Product Page Design

`frontend` `HTML` `Sprint 2`

Limitations and Improvements:

Currently you can create a new category in MySQL and a new category will appear in the html code, and while it links to the custom URL given in the "productscategory" table, you need to manually create new HTML/PHP files for it to work.