

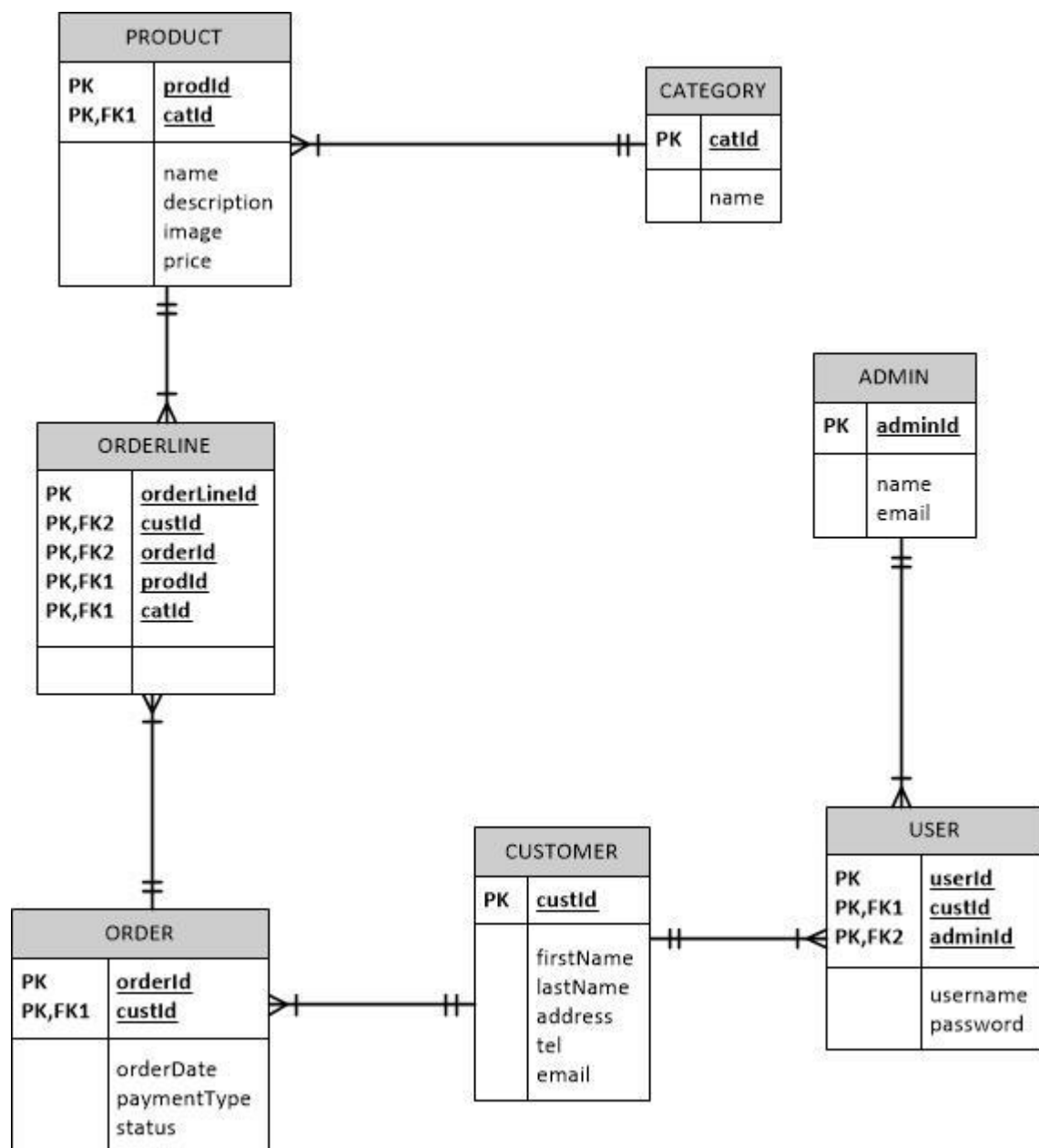
Project: House of LT Creations shopping cart

Group members: Asavela Mzilikazi 213004607

Lutho Sanda 214131815

Database Design

Entity Relationship Diagram



Entity Relationship

- An Admin can manage many Users.
- A User identifies a Customer.
- A Customer can place many Orders.
- An Order may appear on many Order Lines.
- A Product has many Order Lines
- Many Products can belong to one Category.
- A Product has many Cart Details.
- Many Cart Details can belong to one Customer.

Business Rules

- The House of LT Creations System is an application created to manage an Online Shopping Cart. It keeps track of available and purchased products; it also maintains shipping and payments of sold products.
- Business Requirements
- For users to conduct a purchase they need membership. 3. Each user is allowed to purchase products from different categories at a time..
- Each order is valid for a maximum of 3 days.
- Product return is valid for 30 days after purchase

Business Process

1. Login: Registered user logs in, else they register for full access to the shopping cart. Unregistered users can only view products.

2. Lists products that a user can make a selection from. Each product is categorized accordingly.

3. Place Order: Given that a user is logged in, they can add selected products to the shopping cart.

4. Confirm Order: User can manipulate shopping cart. They can add/remove products from shopping cart.

5. Checkout: User orders products on shopping cart. We use payment on delivery method.

Start-up, backup and shutdown procedures

Start up

1. The application must provide a user interface for House of LT Creations Shopping Cart.
2. The application authentication must use a user login and encrypted password.
3. The application must provide the user role authorization that should provide way of assigning users to specific operations and tasks.
4. The application must provide the means for the end user to define the application's operations and tasks.

Various users will use the system across various locations. The system needs to be protected from unauthorized users/access to prevent malicious activities. The application will need to provide the means to limit access and functions of the system by user. Admin may have the ability to create, modify, and delete information, but a user can only browse or make purchases.

Backup

Using Windows 7 Backup and Restore

The Windows Backup features of Windows 7 (Professional and Ultimate versions) enable you to back up media files, documents, email, and other personal files. If you lose files or your system crashes, you can easily restore the files to your PC. For more information on Windows Backup, consult Microsoft's documentation.

1. Click START> Control Panel > System and Security.
2. Click Backup and Restore.
3. Click Set up Backup and follow the steps in the wizard.
4. When prompted to select where you want to save your backup, click Save on a network.
5. Click the Browse button and select the backup destination and click OK.
6. Make sure the backup destination is correct and click Next.
7. When prompted for the content you want to back up, select Let Windows choose or select desired content and then click the Next button.
8. On the Review your backup settings page, click Save settings and run backup.

Using Windows 8 File History

Windows 8 File History automatically backs up media files, documents, email, and other personal files to your Storage device. If you lose files or your system crashes, you can easily restore the files to your Windows computer. For more information on Windows 8 File History, consult Microsoft's documentation.

1. In the task bar, click the File Explorer icon.
2. Click Computer.
3. In the Ribbon (top of page) click Computer > Open Control Panel.
4. Click System and Security and then File History.
5. On the File History page, ensure that File History is On.
6. In the left panel, Select Drive. Select a File History drive list.
7. Click Add Network Location. A Select Folder pop-up displays. Select a storage device.
8. Double-click the device name.