IMS Project

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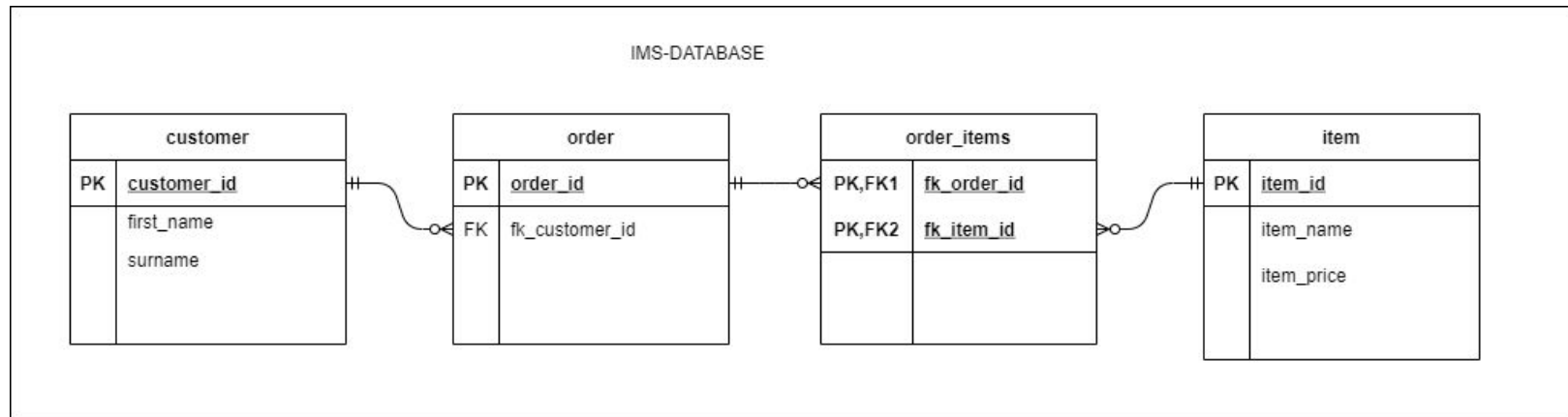
Introduction

-Inventory Management System via command line

-Database Requirements

-Jira

IMS-DATABASE

customer	
PK	customer_id
	first_name
	surname

order	
PK	order_id
FK	fk_customer_id

order_items	
PK,FK1	fk_order_id
PK,FK2	fk_item_id

item	
PK	item_id
	item_name
	item_price

Technology Learned

1   Java

3   MySQL

2   Jira

4   JUnit

Source Code Management

-Git Hub

-Git

-Branches

Testing

- Controllers
- DAO
- Domain
- Utils

Demonstration

🔖	IMS-45	As a user, I want to view all orders, so I can see all the completed order
🔖	IMS-46	As a user, I want to create a order, so I can process an order
🔖	IMS-47	As a user, I want to delete an order, so I can remove an order
🔖	IMS-48	As a user I want to add an item to a order, so I can make a sale
🔖	IMS-49	As a user, I want to calculate the cost of an order, so I can have the total amount
🔖	IMS-50	As a user, I want to delete an item in a order, in case a customer wants to remove an item

Sprint

- Prioritized each sprint by Epic
- Complete Sprint before proceeding to next sprint
- Six Spring in total
- Consist of Gaining user input, database access and view to user
- What went well
- Improvements

Epic

IMS-1 Build Database

IMS-2 Build CRUD for Customer

IMS-3 Build CRUD for Items

IMS-4 Build Order Functionality

IMS-5 Build Unit Test

> IMS-6 Create Presentation

Project

- Learned to use Java with databases
- Deeper understanding of agile methodology
- Unit Testing

Future Steps

- Testing percentage higher
- Quantity
- Continue to ask user for product until complete

Thank you.