





# IMS PROJECT


Agile project management used Jira


 **IMSPROJECT**  
Software project


 Roadmap


 **Backlog**

 Board

 Code

 Project pages

 Add item

 Project settings

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Projects / IMSPROJECT

## Backlog

JK



Epic 

Epic

Issues without epic

Customer Accounts

Start date

None

Due date

None

View all details

+ Create Epic

Backlog (13 issues)

000 Create sprint

IM-2 As a customer , I want to create an account, so that customer can able... CUSTOMER ACCOUNTS

IM-3 As a customer, I want to see customer account details, so that I can ch... CUSTOMER ACCOUNTS

IM-4 As a customer, I want to update customer account details, so that I ca... CUSTOMER ACCOUNTS

IM-5 As a customer, I want to delete customer account, so that I will be no l... CUSTOMER ACCOUNTS

IM-6 As an admin, I want to add items, so that customer can able to see available ite... ITEMS

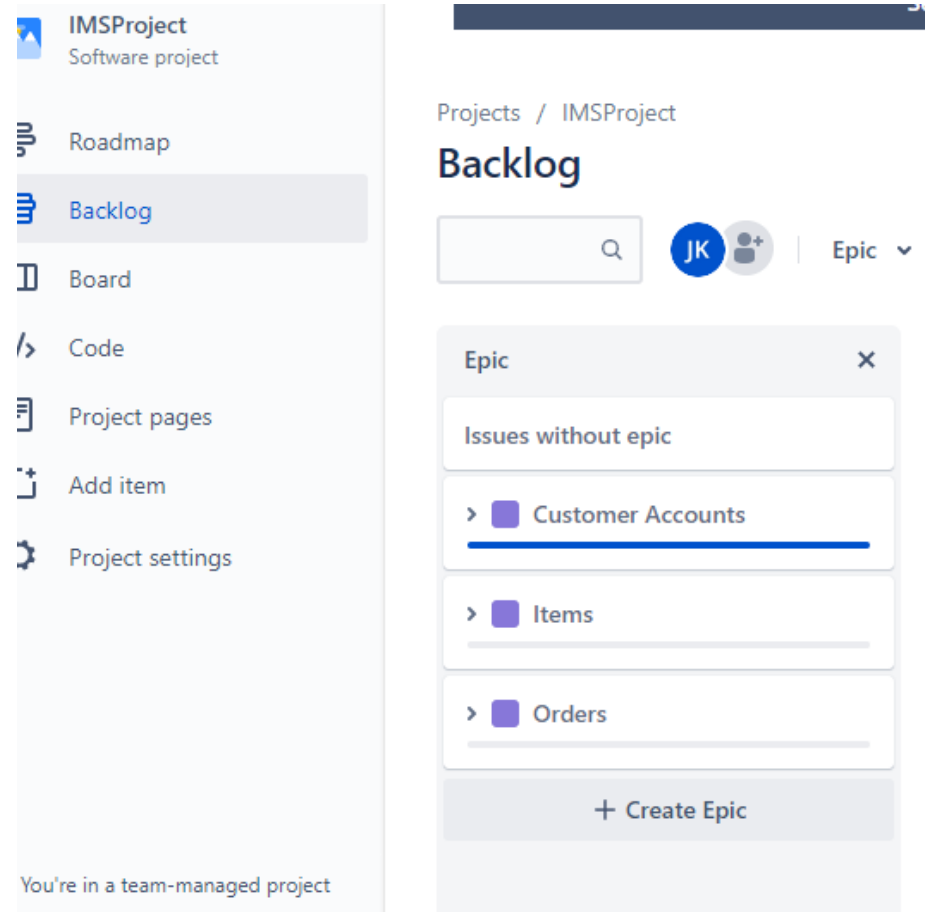
IM-7 As an admin, I want to update item details, so that customer can able to view updat... ITEMS

IM-8 As an admin, I want to view all items available, so that I can check all details are corr... ITEMS

IM-9 As an admin, I want to delete items, so that customer can able to view only available...

Quickstart

# Related user stories under one epic.



# Sprint1

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Projects / IMSPROJECT

Backlog

JK

Epic

Epic

Issues without epic

Customer Accounts

Start date  
May 28, 2021

Due date  
May 30, 2021

View all details

IM Sprint 1

Add dates

4 issues

0 0 0

Start sprint

IM-2 As a customer , I want to create an account, so that custom... CUSTOMER ACCOUNTS TO DO

IM-3 As a customer, I want to see customer account details, so t... CUSTOMER ACCOUNTS TO DO

IM-4 As a customer, I want to update customer account details, s... CUSTOMER ACCOUNTS TO DO

IM-5 As a customer, I want to delete customer account, so that I ... CUSTOMER ACCOUNTS TO DO

+ Create issue

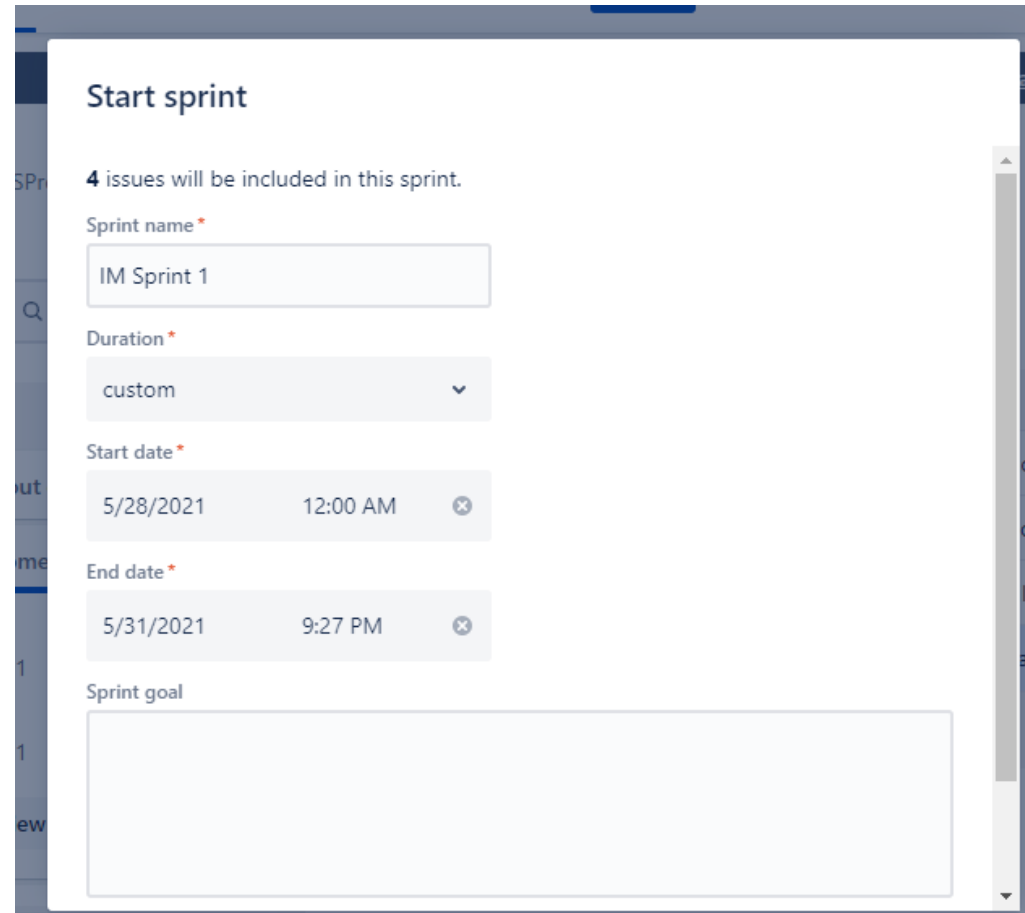
Backlog

9 issues

0 0 0

Create sprint

Starting sprint. Recording start date & end date.



The image shows a 'Start sprint' dialog box from a project management tool. It contains the following fields and information:

- Start sprint**: The title of the dialog.
- 4 issues will be included in this sprint.**: A summary of the sprint's content.
- Sprint name\***: A text input field containing 'IM Sprint 1'.
- Duration\***: A dropdown menu currently set to 'custom'.
- Start date\***: A date and time picker showing '5/28/2021' at '12:00 AM'.
- End date\***: A date and time picker showing '5/31/2021' at '9:27 PM'.
- Sprint goal**: A large text area for describing the sprint's objective.

# Priority tasks under sprint 1

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Epic

Epic

Issues without epic

Customer Accounts

Start date  
May 28, 2021

Due date  
May 30, 2021

View all details

Set project and issue permissions. [Try it in a 14-day trial of Jira Software Standard.](#)

IM Sprint 1 Add dates (4 issues) 0 0 0 Start sprint

IM-2 As a customer , I want to create an account, so that custom... CUSTOMER ACCOUNTS TO DO

IM-3 As a customer, I want to see customer account details, so t... CUSTOMER ACCOUNTS TO DO

IM-4 As a customer, I want to update customer account details, s... CUSTOMER ACCOUNTS TO DO


IM-5 As a customer, I want to delete customer account, so that I ... CUSTOMER ACCOUNTS TO DO


+ Create issue


Backlog (9 issues) 0 0 0 Create sprint


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# Board


 IMSPortfolio  
Software project


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Projects / IMSPortfolio

# IM Sprint 2

Have to complete CRUD operations in items

JK



Epic 1

Clear filters

0 days remaining

Complete sprint

...


GROUP BY None

IN PROGRESS

TO DO


DONE 5 OF 5 ISSUES ✓

ITEMS

 IM-9 ✓

As an admin, I want to view all items available, so that I can check all details are correct.

ITEMS

 IM-8 ✓

As an customer, I want to view all items available, so that customer can be able to select the items he wants to order.

+

Quickstart

# Roadmap

IMSPProject

Software project

Projects / IMSPProject

Roadmap

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Status

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Learn more

Epic	MAY	F 28	S 29	S 30	M 31	T 1	W 2	T 3	F 4	S 5	S 6	M 7	T 8
	IM Sprint 1				IM Sprint 2		IM Sprint 3						
>  IM-15 Customer Accounts													
>  IM-16 Items													
>  IM-17 Orders													
+ Create Epic													



# IMS DDL

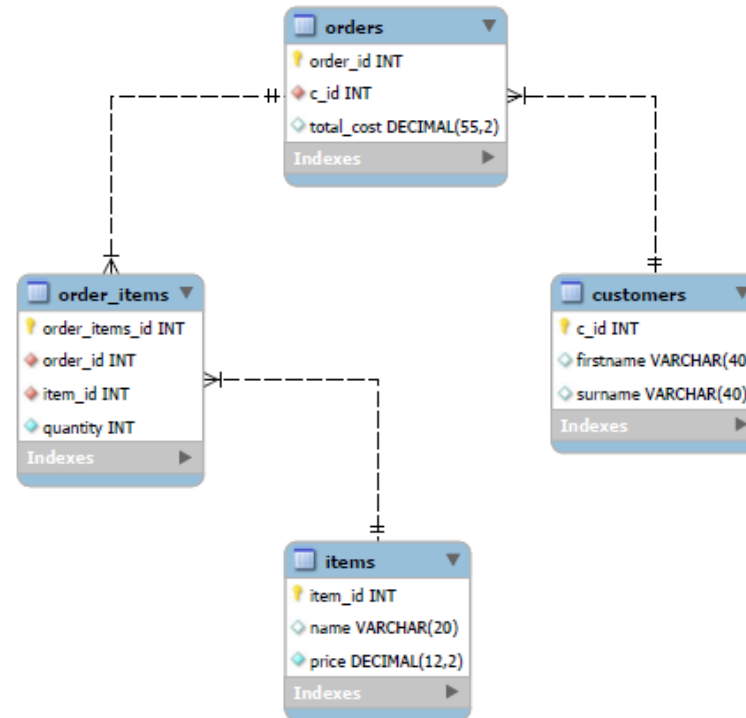
```
use imsproject;
select * from customers;
select * from items;
select * from orders;
select * from order_items;

CREATE TABLE customers(
  c_id INT NOT NULL AUTO_INCREMENT,
  firstname VARCHAR(40) DEFAULT NULL,
  surname VARCHAR(40) DEFAULT NULL,
  PRIMARY KEY (`c_id`)
);
SELECT * FROM customers ORDER BY c_id DESC LIMIT 1;


create table items(
  item_id int PRIMARY KEY NOT NULL AUTO_INCREMENT,
  name varchar(20) DEFAULT NULL,
  price decimal(12, 2) NOT NULL
);
create table orders(
  order_id int PRIMARY KEY NOT NULL AUTO_INCREMENT,
  c_id int NOT NULL,
  total_cost decimal(55,2),
  FOREIGN KEY (C_id) REFERENCES CUSTOMERS(C_id)
);

CREATE TABLE order_items (
  order_items_id INT PRIMARY KEY AUTO_INCREMENT,
  order_id INT NOT NULL,
  item_id INT NOT NULL,
  quantity INT NOT null,
  FOREIGN KEY (order_id) REFERENCES orders(order_id),
  FOREIGN KEY (item_id) REFERENCES items(item_id)
);
```


# ER Diagram



# Git Repository

 **jyothikomat / IMS-Project**










[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

 main

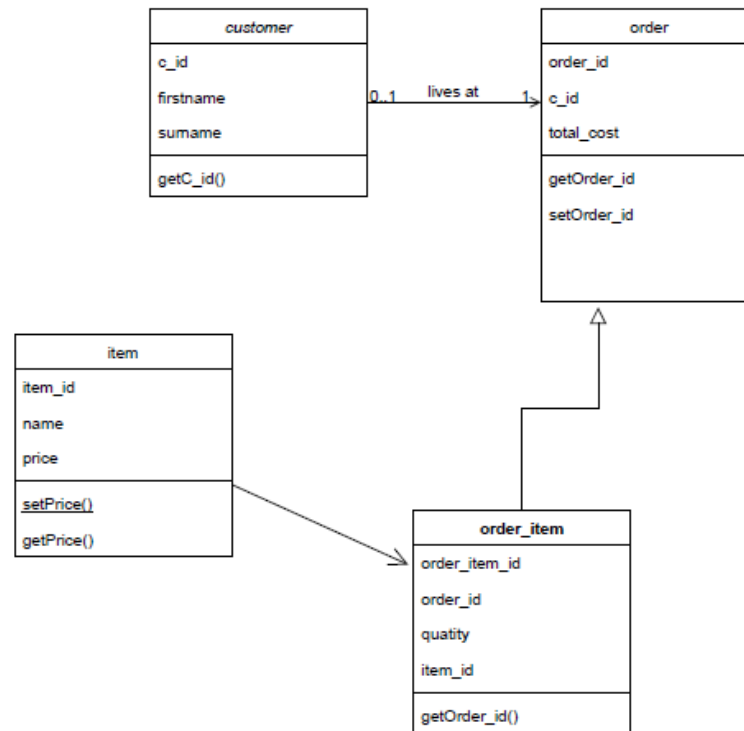
[IMS-Project / src / main / java / com / qa / ims / controller /](#)

Jyothi@DELL and Jyothi@DELL "j:commiting"

..

 Action.java	j:adding template
 CrudController.java	j:adding template
 CustomerController.java	"j:commiting"
 ItemController.java	"j:commiting"
 OrderController.java	"j:commiting"
 OrderItemController.java	"j:commiting"
 UpdateOrderAction.java	"j:commiting"
 UserAction.java	"j:commiting"
 package-info.java	j:adding template

# UML diagram



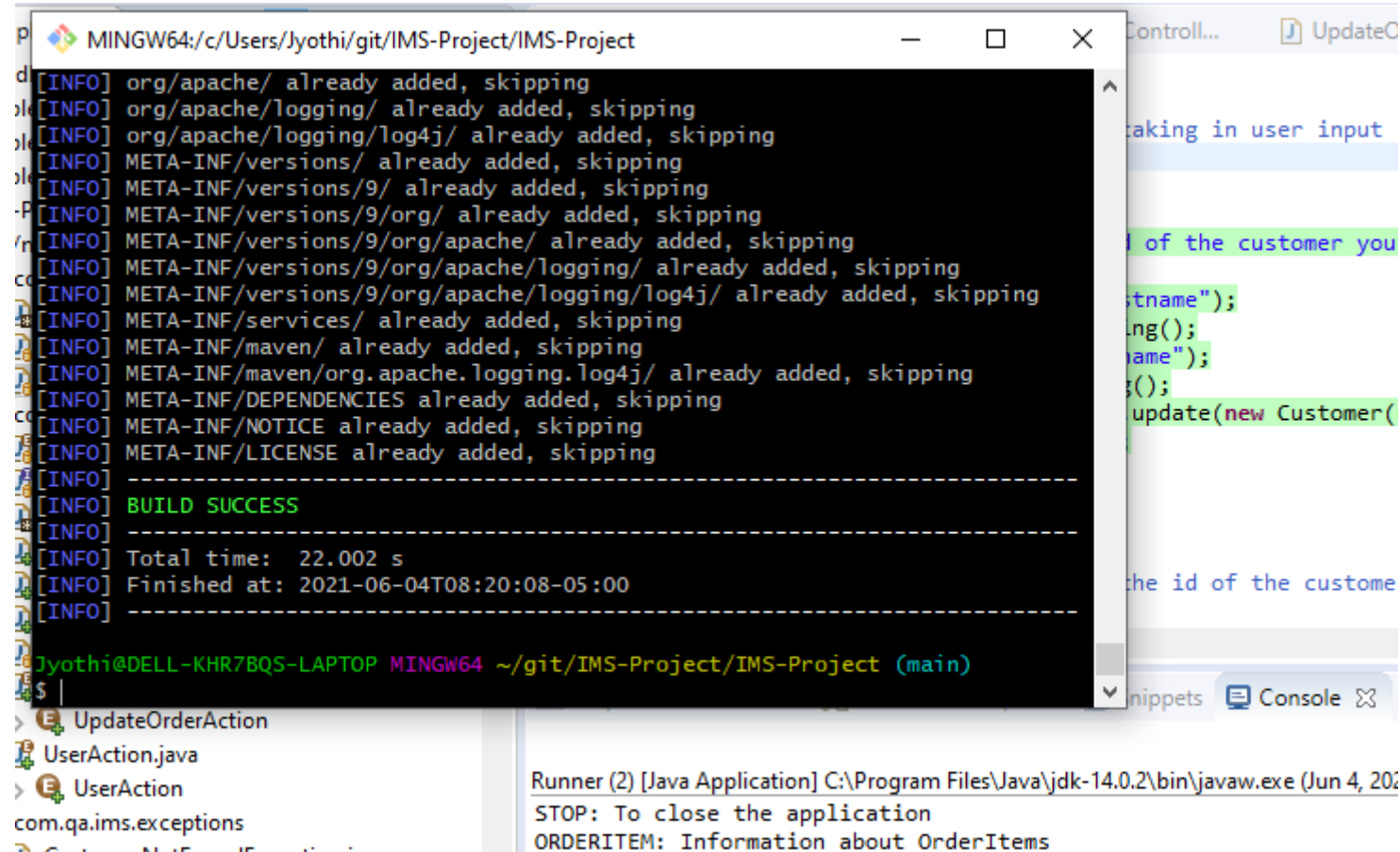
# JUnit testing Coverage

```

52     return customer;
53 }
54
55 /**
56  * Updates an existing customer by taking in user input
57  */
58 @Override
59 public Customer update() {
60     LOGGER.info("Please enter the id of the customer you would like to update");
61     Long c_id = utils.getLong();
62     LOGGER.info("Please enter a firstname");
63     String firstname = utils.getString();
64     LOGGER.info("Please enter a surname");
65     String surname = utils.getString();
66     Customer customer = customerDAO.update(new Customer(c_id, firstname, surname));
67     LOGGER.info("Customer Updated");
68     return customer;
69 }
70
71 /**
72  * Deletes an existing customer by the id of the customer

```

## Creating jar file



The screenshot shows an IDE with a console window displaying the output of a Maven build. The build is successful, with all dependencies already added and skipped. The console output includes the following information:

```
MINGW64:/c/Users/Jyothi/git/IMS-Project/IMS-Project
[INFO] org/apache/ already added, skipping
[INFO] org/apache/logging/ already added, skipping
[INFO] org/apache/logging/log4j/ already added, skipping
[INFO] META-INF/versions/ already added, skipping
[INFO] META-INF/versions/9/ already added, skipping
[INFO] META-INF/versions/9/org/ already added, skipping
[INFO] META-INF/versions/9/org/apache/ already added, skipping
[INFO] META-INF/versions/9/org/apache/logging/ already added, skipping
[INFO] META-INF/versions/9/org/apache/logging/log4j/ already added, skipping
[INFO] META-INF/services/ already added, skipping
[INFO] META-INF/maven/ already added, skipping
[INFO] META-INF/maven/org.apache.logging.log4j/ already added, skipping
[INFO] META-INF/DEPENDENCIES already added, skipping
[INFO] META-INF/NOTICE already added, skipping
[INFO] META-INF/LICENSE already added, skipping
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 22.002 s
[INFO] Finished at: 2021-06-04T08:20:08-05:00
[INFO] -----

Jyothi@DELL-KHR7BQS-LAPTOP MINGW64 ~/git/IMS-Project/IMS-Project (main)
$

> UpdateOrderAction
> UserAction.java
> UserAction
com.qa.ims.exceptions
ORDERITEM: Information about OrderItems
```

The runner window shows the following information:

```
Runner (2) [Java Application] C:\Program Files\Java\jdk-14.0.2\bin\javaw.exe (Jun 4, 2021)
STOP: To close the application
ORDERITEM: Information about OrderItems
```

```
[INFO] META-INF/maven/ already added, skipping
[INFO] META-INF/maven/org.apache.logging.log4j/ already added, skipping
[INFO] META-INF/DEPENDENCIES already added, skipping
[INFO] META-INF/NOTICE already added, skipping
[INFO] META-INF/LICENSE already added, skipping
[INFO] Building jar: C:\Users\Jyothi\git\IMS-Project\IMS-Project\target\IMS-Project-0.0.1-jar-with-dependencies.jar
[INFO] META-INF/MANIFEST.MF already added, skipping
[INFO] META-INF/ already added, skipping
[INFO] com/ already added, skipping
[INFO] META-INF/MANIFEST.MF already added, skipping
[INFO] META-INF/ already added, skipping
[INFO] META-INF/services/ already added, skipping
[INFO] META-INF/maven/ already added, skipping
[INFO] META-INF/LICENSE already added, skipping
[INFO] META-INF/MANIFEST.MF already added, skipping
[INFO] META-INF/ already added, skipping
[INFO] org/ already added, skipping
[INFO] org/apache/ already added, skipping
[INFO] org/apache/logging/ already added, skipping
[INFO] org/apache/logging/log4j/ already added, skipping
[INFO] META-INF/versions/ already added, skipping
[INFO] META-INF/versions/9/ already added, skipping
[INFO] META-INF/versions/9/org/ already added, skipping
[INFO] META-INF/versions/9/org/apache/ already added, skipping
[INFO] META-INF/versions/9/org/apache/logging/ already added, skipping
[INFO] META-INF/versions/9/org/apache/logging/log4j/ already added, skipping
[INFO] META-INF/services/ already added, skipping
[INFO] META-INF/maven/ already added, skipping
[INFO] META-INF/maven/org.apache.logging.log4j/ already added, skipping
[INFO] META-INF/DEPENDENCIES already added, skipping
[INFO] META-INF/NOTICE already added, skipping
[INFO] META-INF/LICENSE already added, skipping
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 14.904 s
[INFO] Finished at: 2021-06-04T09:17:13-05:00
[INFO] -----
```

```
Jyothi@DELL-KHR7BQS-LAPTOP MINGW64 ~/git/IMS-Project/IMS-Project (main)
```

```
$ java -jar /c/Users/Jyothi/git/IMS-Project/IMS-Project/target/IMS-Project-0.0.1-jar-with-dependencies.jar
```

```
Welcome to the Inventory Management System!
```

```
Which entity would you like to use?
```

```
CUSTOMER: Information about customers
```

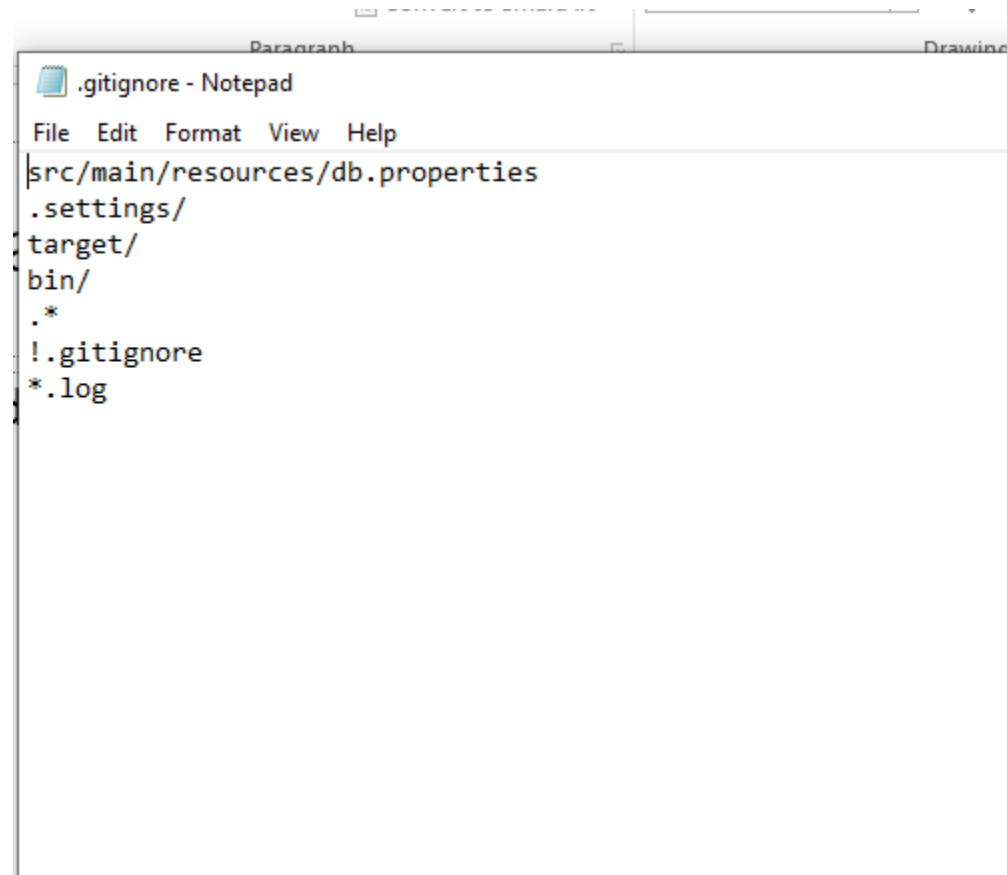
```
ITEM: Individual Items
```

```
ORDER: Purchases of items
```

```
STOP: To close the application
```

```
ORDERITEM: Information about OrderItems
```

Added db.properties in gitignore file



The image shows a screenshot of a Notepad application window titled ".gitignore - Notepad". The window has a menu bar with "File", "Edit", "Format", "View", and "Help". The text content of the file is as follows:

```
src/main/resources/db.properties
.settings/
target/
bin/
.*
!.gitignore
*.log
```