

Fundamental project



Inventory management system

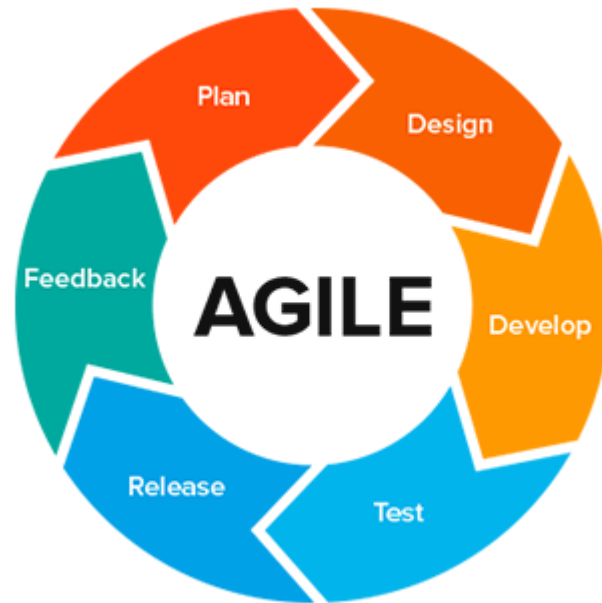
Shahnaz Aktar

Agile approach




Agile stages


- ❧ Stage 1: Define
- ❧ Stage 2: Design
- ❧ Stage 3: Build
- ❧ Stage 4: Test
- ❧ Stage 5: Release





Sprint review





 **project**
Classic software project


 **PRJ board**
Board


 Roadmap


 Backlog


 **Active sprints**


 Reports


 Issues


 Components

 Code

 Releases






 Project pages

 Add item




 Project settings

Projects / project / PRJ board

PRJ Sprint 1

   0 days remaining **Complete sprint**  

Console fully working. Users must be able to create, read, update and delete data from customers, items and orders tables. classes must also pass maven test and have ...




   Only My Issues Recently Updated

TO DO

IN PROGRESS




As a user i want to be able to create an order on the system so

Orders

   PRJ-8

As a user i want to be able to view orders on the system using the Read function so i can view orders that are placed by customers

Orders




   PRJ-9

As a user i want to be able to add an item onto the order system so the order is up-to-date with a new item added

DONE




As a user i would like to view all items on the system so i can keep a track of everything

Items


   PRJ-5

As a user i would like to be able to update an item in the system so i can edit or add new information

Items

   PRJ-6

As a user i'd like to delete an item from the system so it is no longer on the system

 **Quickstart**

Consultant journey



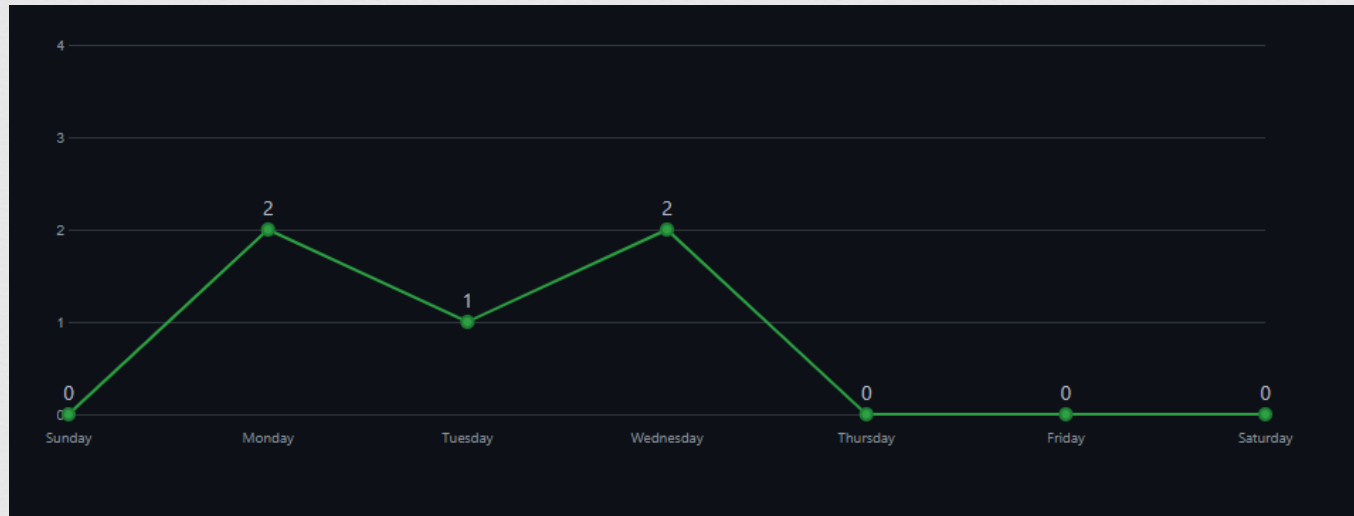
Technologies used:

- ❧ Git
- ❧ GitHub
- ❧ Jira
- ❧ MySQL
- ❧ Java
- ❧ Maven
- ❧ JUnit

Continuous integration



How did I approach version control?



Testing



20DecSDET2-IMS- Starter (29 Jan 2021 10:56:01)				
Element	Coverage	Covered Instructions	Missed Instructions	Total Instructions
20DecSDET2-IMS- Starter	45.6 %	1,258	1,500	2,758
src/main/java	40.7 %	1,004	1,460	2,464
src/test/java	86.4 %	254	40	294

The screenshot shows the IDE with the `ItemsDAOTest` class. The code includes a `@Before` setup method that initializes the database and a `@Test` method `testCreate()` that creates a new item and asserts its creation. The bottom panel displays a coverage report for the `ItemsDAOTest` class.

Element	Coverage	Covered Instructions	Missed Instructions	Total Instructions
ItemsDAOTest	21.1 %	63	235	298

The screenshot shows the IDE with the `OrdersDAOTest` class. The code includes a `@Test` method `testCreate()` that creates a new order and asserts its creation. The bottom panel displays a failure trace for the `testCreate()` method.

```
java.lang.Error: Unresolved compilation problem:
The constructor OrdersDAO() is undefined
The method assertEquals(Object, Object) in the
The constructor Orders(long, double, Customer)
Syntax error, insert ";" to complete Expression
The method assertEquals(Object, Object) in the
The constructor Orders(long, double, Customer)
```

Demo



```
customer
What would you like to do with customer:
CREATE: To save a new entity into the database
READ: To read an entity from the database
UPDATE: To change an entity already in the database
DELETE: To remove an entity from the database
RETURN: To return to domain selection
create
Please enter a first name
shahnaz
Please enter a surname
aktar
Customer created
What would you like to do with customer:
```

```
read
id:1 first name:Raine surname:Bryce
id:2 first name:Alysia surname:Fairclough
id:3 first name:Ruby surname:Wright
id:4 first name:Julius surname:Lyon
id:5 first name:shahnaz surname:aktar
What would you like to do with customer:
```

Demo



```
create
Please enter the item_name
film 1
Please enter a price
2.99
Please enter the genre
Action
Items created
What would you like to do with item:
```

```
read
id:1 item_name:Girls Trip Price:5.99genre:Comedy
id:2 item_name>About Time Price:3.99genre:Romance
id:3 item_name:Soul Price:10.99genre:Childrens Film
id:4 item_name:film 1 Price:2.99genre:Action
what would you like to do with item:
CREATE: To save a new entity into the database
```


Conclusion

