**Inventory Management System (IMS)**

Inventory Management System (IMS). This basic application provides information on customer and their interactions with orders and items. The IMS provides the ability to input, view, update and delete information regarding customers, items and orders.

**Getting Started**

These instructions will get you a copy of the project up and running on your local machine for development and testing purposes. See deployment for notes on how to deploy the project on a live system.

**Prerequisites**

Java - JDK

Apache Maven

MySQL server & Workbench

Jenkins

SonarQube

Nexus

**Installing**

1.Install Java - JDK

Eclipse 4.14.0

2.Maven

Apache-maven-3.6.0 – then need to add Maven Home to path

3.MySQL server and workbench

MySQL 5.7 server and MySQL Workbench 8.0.19

Installing these software’s will allow you to run a locally hosted IMS. If you wish to run the IMS you would need to use

**Running the tests**

Testing the functionality of the code and its methods. Should run tests every time the code is further developed.

**Unit Tests**

Explain what these tests test, why and how to run them

Give an example

**Integration Tests**

Integration tests are design to see how different packages interact with each other.

Give an example

**Deployment**

This IMS project uses google cloud platform GCP. This IMS has connection to a instance created via Google Cloud platform.

**Built With**

* [Maven](https://maven.apache.org/) - Dependency Management

**Versioning**

We use [SemVer](http://semver.org/) for versioning.

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**Contributers:**

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