

# Mobile Point of Sale

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# Description

The purpose of my project is to eliminate the dilliniation imposed by a Point of Sale counter in retail businesses, by making all aspects of retail sales run from a mobile tablet, supported by a back office server. This should improve the customer experience by making an open, friendly environment, improving brick and mortar sales. It should also be more cost effective for the business, with no need for the cost of installing registers and counters minus one till.



# Features

- Maintain Inventory and Employee records
- Facilitate the sales and sales tracking of the business
- Make social media advertising easy and automated



# Planning - User Stories

Some key User Stories included being able to receive product and maintain employees with just the tablet. Also the ability to have no need to hire a Social Media director was another User Story that would really be cost saving for the business.



# Planning - Database

Currently I have 2 Databases. One for the inventory, and one for the employees. The employee database will be used to track who has made each sales plus include roles for User Authentication. I plan to include a customer database in order to add future features.



# Technology Stack

- Java
- Spring-Boot
- Gradle
- MAMP
- Hibernate, MYSQL, Twitter4j



# What I Learned

- Spring and the importance of proper dependency integration
- How to connect and utilize third party API's
- How to add and include external third party libraries.
- That I do not know everything, and need to keep my want to learn.



# What's Next

- Uploading photos in order to show products through social media and to show customers.
- Further utilize Bootstrap to improve UI
- Start learning JavaScript in order to make this a one page app.

