

INVETOTRACK

-WE KEEP THINGS TRACKED-

V1.0.0

(Basic User Guide)

IN PARTIAL FULFILLMENT IN DATA STRUCTURES AND ALGORITHM FINAL TERM

Submitted and Developed by:

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Submitted to:

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OVERVIEW

Back end: PHP

Database: SQL

Front End: HTML, CSS, JS, jQuery, MDBootstrap

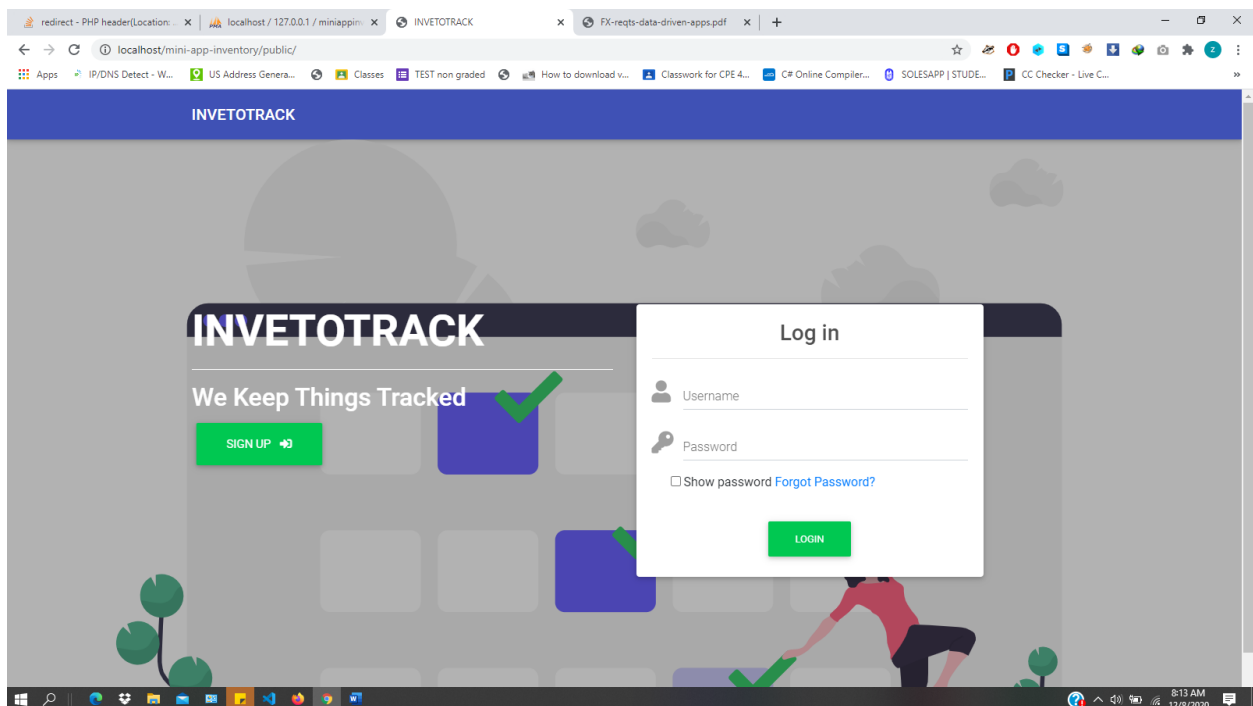
Components and Utilities: jQuery Data Table and NPM

CLIENT SIDE

WELCOME- Requires Login, Automatically detects if an account is a user or staff.

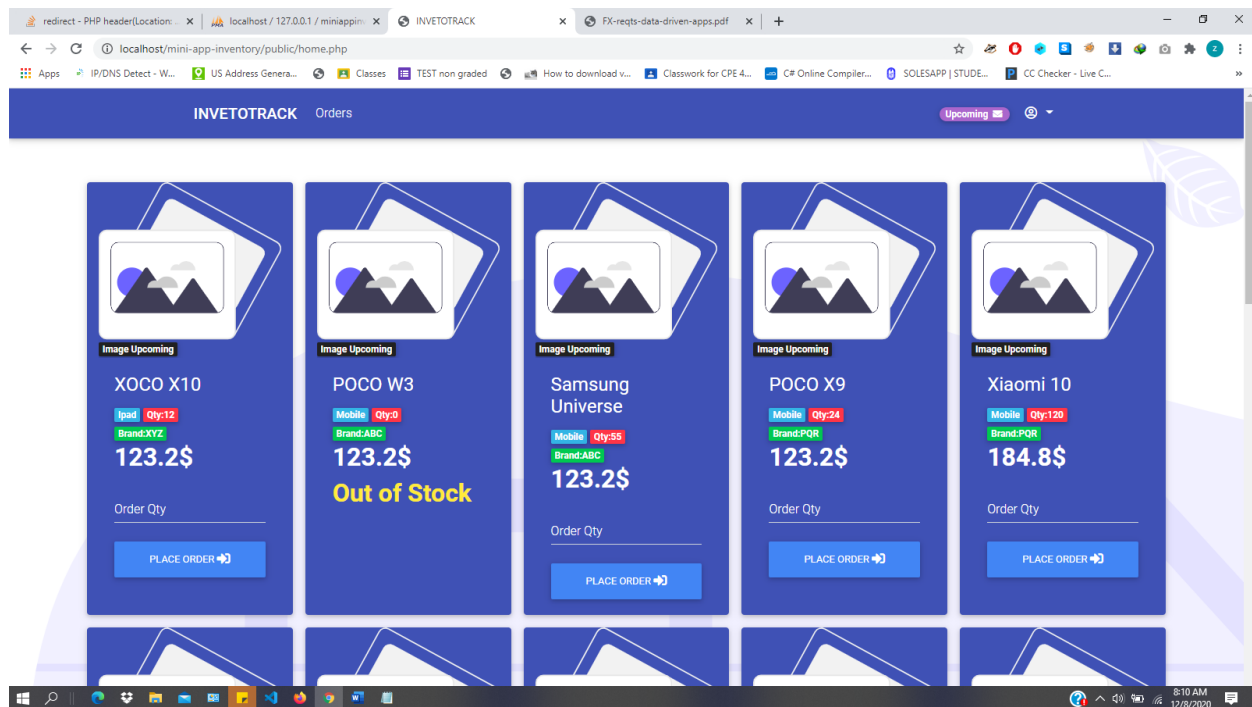
User Account- Directed to Homepage (admin panel not accessible)

Encoder, Senior Staff and System Admin- Directed to Admin Panel (homepage still accessible)



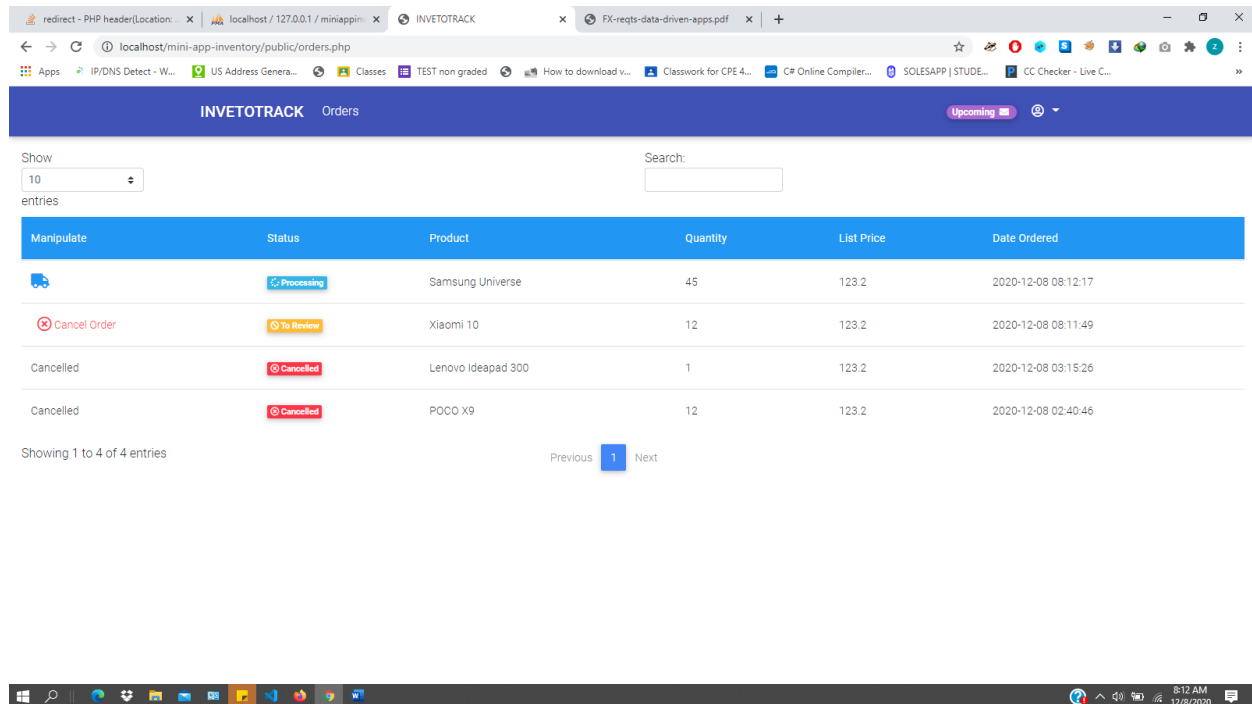
HOME

Users-can make purchases on the available products



ORDERS

Users-can view and cancel all ordered products, payment can be done in COD



ADMIN PANEL

ACCOUNT ROLES

User – Place Order and Cancel

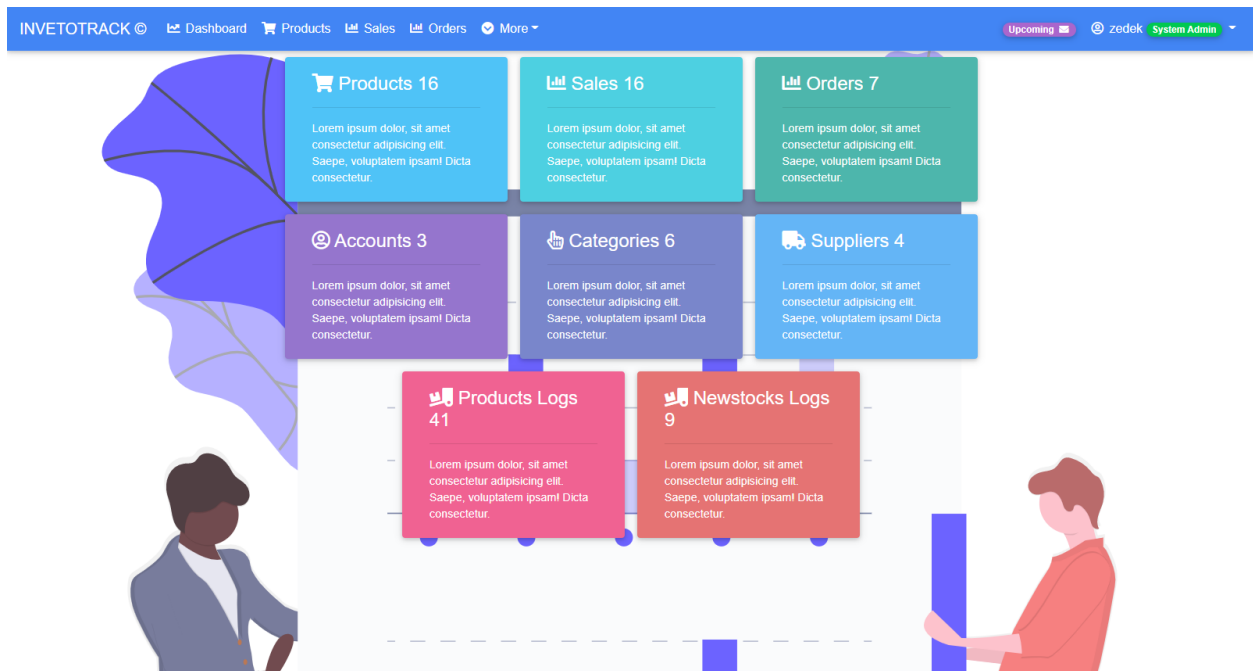
Encoder - Add and Print items from the app

Senior Staff – can do all the data processing except for maintaining the password

System Admin – No Restrictions

DASHBOARD

Gives an accurate real-time count of all data entered in specific tables



PRODUCTS

Add and Edit Product, Delete functionality is remove because product might be in use in other tables such as new stocks and sales, if a user purchase a product 1 it would directly reference from the products table for the information, if you delete product 1 , the product should be also deleted in the orders table because a customer cannot order a non-existing product likewise the company doesn't process a non-existing or deleted product . However, this complication can be prevented by enabling or disabling the product if for sale or not, this would make the product available to the public or sales.

INVENTOTRACK © Dashboard Products Sales Orders More Upcoming zedek System Admin

PRODUCT STOCK COPY CSV EXCEL PDF PRINT

Search:

Edit	ID	Name	CatID	SupID	For Sale	Qty-on-hand	UPrice(\$)	%Margin
	21	XOCO X10	Ipad	XYZ	✓	12	100	10
	20	POCO W3	Mobile	ABC	✓	Out of Stock	100	10
	19	Samsung Universe	Mobile	ABC	✓	55	100	10
	18	POCO X4	Laptop 12	ABC	✗	100	100	10
	17	POCO X9	Mobile	PQR	✓	112	100	10
	16	Xiaomi 10	Mobile	PQR	✓	88	150	10
	15	POCO X3	Mobile	ABC	✓	212	12	10
	14	Mac Book Pro 12	Laptop 12	ABC	✓	150	200	10
	13	Lenovo Ideapad 300	Laptop 12	ABC	✓	100	100	10
	12	Rogue	Laptop 12	ABC	✓	100	100	10

Showing 1 to 10 of 16 entries

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SALES

List all the products for sale, this are the ones that are seen in the public, there is no add, update and delete functionality because the table is made independent in new stocks and products table. 12% VAT is added.

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Dashboard

Products

Sales

Orders

More ▾

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System Admin ▾

COPY

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PDF

PRINT

Search:

Product	Product ID	Qty	List Price	Date Made Public
Apple	4	80	193.2	2020-12-07 08:02:35
Dell	3	65	127.32	2020-12-07 08:54:21
Hale	5	30	115.98	2020-12-07 08:02:53
Iphone 12	11	120	123.19	2020-12-07 08:12:23
Lenovo Ideapad 300	13	100	123.2	2020-12-08 03:15:26
Mac Book Pro 12	14	150	246.4	2020-12-07 09:29:37
Mac Book Pro 12	14	150	246.4	2020-12-07 09:29:37
POCO W3	20	0	123.2	2020-12-07 22:17:18
POCO X3	15	212	14.78	2020-12-07 09:13:39
POCO X9	17	24	123.2	2020-12-08 02:40:46








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ORDERS

Keep track of the orders by the user, and set order state if it is done, processing, to review and cancelled the account id is automatically save in the table to keep track of the last person who modified it.

INVENTOTRACK © Dashboard Products Sales Orders More ▾								Upcoming 📅	zedek System Admin ▾
								COPY CSV EXCEL PDF PRINT	
								Search: <input type="text"/>	
Edit	User ID	Product ID	Quantity	List Price	Last Modified by	Status	Date Ordered		
	2	2	15	121.66	Account ID: 10 Deleted	Done	2020-12-08 01:08:02		
	1	ID: 1 Product Deleted	10	14.78	zedek System Admin	Cancelled	2020-12-06 02:28:03		
	3	3	20	127.32	Account ID: 4 Deleted	Processing	2020-12-07 08:54:21		
	7	17	12	123.2	Account ID: 10 Deleted	Cancelled	2020-12-08 02:40:46		
	7	13	1	123.2	Account ID: 10 Deleted	Cancelled	2020-12-08 03:15:26		
	7	16	12	123.2	user User	To Review	2020-12-08 08:11:49		
	7	19	45	123.2	admin System Admin	Processing	2020-12-08 08:12:17		
Showing 1 to 7 of 7 entries									
						Previous	1 Next		

NEWSTOCKS LOGS

Logs all the new stock that comes in, price and qty is automatically updated in sales, orders (listPrice) and products (Unit Price)

INVENTOTRACK © Dashboard Products Sales Orders More				
Upcoming zedek System Admin				
STOCK COPY CSV EXCEL PDF PRINT				
Search:				
Log By	Product ID	Qty	UPrice(\$)	Date Log
Account ID: 4 Deleted	1		12	2020-12-06 02:28:03
zedek System Admin	14		200	2020-12-07 09:29:37
zedek System Admin	15		12	2020-12-07 09:13:38
zedek System Admin	15		100	2020-12-07 09:07:52
zedek System Admin	3		101.5	2020-12-07 08:54:21
zedek System Admin	1		98.95	2020-12-06 01:21:39
zedek System Admin	2		98.75	2020-12-06 01:21:39
zedek System Admin	3		101.5	2020-12-06 01:21:39
zedek System Admin	4		150.1	2020-12-06 01:21:39
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PRODUCT LOGS

Logs all the activity done in Products

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Search:

Account ID	Activity	Date Made	Product ID	Name	CatID	SupID	For Sale	Qty-on-hand	UPrice(\$)	%Margin
Account ID: 4 Deleted	<div>✎ Edit</div>	2020-12-06 02:28:03	1	Nokia	Mobile	ABC	✓	1332	12	10
Account ID: 4 Deleted	<div>✎ Edit</div>	2020-12-06 01:34:09	1	Nokia	Mobile	ABC	✓	1320	105	10
Account ID: 4 Deleted	<div>✎ Edit</div>	2020-12-06 01:30:17	1	Nokia	Mobile	ABC	✓	1220	100	10
Account ID: 4 Deleted	<div>✎ Edit</div>	2020-12-06 01:30:09	1	Nokia	Mobile	ABC	✓	1120	100	10
Account ID: 4 Deleted	<div>✎ Edit</div>	2020-12-06 01:29:55	1	Nokia	Mobile	ABC	✓	1020	100	10
admin <div>System Admin</div>	<div>✎ Edit</div>	2020-12-08 07:21:46	19	Samsung Universe	Mobile	ABC	✓	55	100	10
user <div>User</div>	<div>✎ Edit</div>	2020-12-08 07:10:14	19	Samsung Universe	Mobile	ABC	✓	100	100	10
user <div>User</div>	<div>✎ Edit</div>	2020-12-08 07:05:41	16	Xiaomi 10	Mobile	PQR	✓	120	150	10
zedek <div>System Admin</div>	<div>✎ Create</div>	2020-12-09 07:38:01	1	Nokia	Mobile	ABC	✓	120	99.99	10
zedek <div>System Admin</div>	<div>✎ Create</div>	2020-12-09 07:38:01	2	O+	Mobile	ABC	✓	100	98.75	10

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CATEGORIES

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CATEGORY

COPY

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PRINT

Search:

Manipulate	ID	Name	Number of Products with this Category
<div><div></div><div></div></div>	6	Fashion	0
<div><div></div><div></div></div>	5	Iphone	0
<div><div></div><div></div></div>	4	Ipad	1
<div><div></div><div></div></div>	3	Tablet	0
<div><div></div><div></div></div>	2	Laptop 12	5
<div><div></div><div></div></div>	1	Mobile	10

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SUPPLIERS

INVENTOTRACK © Dashboard Products Sales Orders More					Upcoming zedek System Admin	
+ SUPPLIER COPY CSV EXCEL PDF PRINT					Search: <input type="text"/>	
Manipulate	ID	Name	Number of Products from this supplier			
Edit Delete	4	M Corporate	0			
Edit Delete	3	PQR	2			
Edit Delete	2	XYZ	3			
Edit Delete	1	ABC	11			

Showing 1 to 4 of 4 entries

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Categories and Suppliers has the same functionality delete is added, deleting a category or a supplier from the table might cause error in other but it still can be fixed by selecting new category for specific product.

ACCOUNTS

Create, Edit and Delete account. Password is hashed by php default password hash that uses a bcrypt algorithm.

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ACCOUNT

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Search:

Edit	ID	Username	Password	Recovery Key	Question Key	Account Type	Date Created
<div><div></div><div></div></div>	12	admin	*****	admin	admin	System Admin	2020-12-08 06:58:13
<div><div></div><div></div></div>	7	user	*****	12	12	User	2020-12-08 07:16:52
<div><div></div><div></div></div>	1	zedek	*****	cycling	What do you want to do?	System Admin	2020-12-08 18:39:02

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UP AND RUNNING INVENTOTRACK

Requirements

Download or git clone from the repository

1. Mini App: <https://github.com/user109436/mini-inventory-app-DSA-finals/tree/master>
2. Updated Browser

1. Running in Local Machine

OS: Windows, Linux && Ubuntu

Recommended Server: XAMMP or WAMP

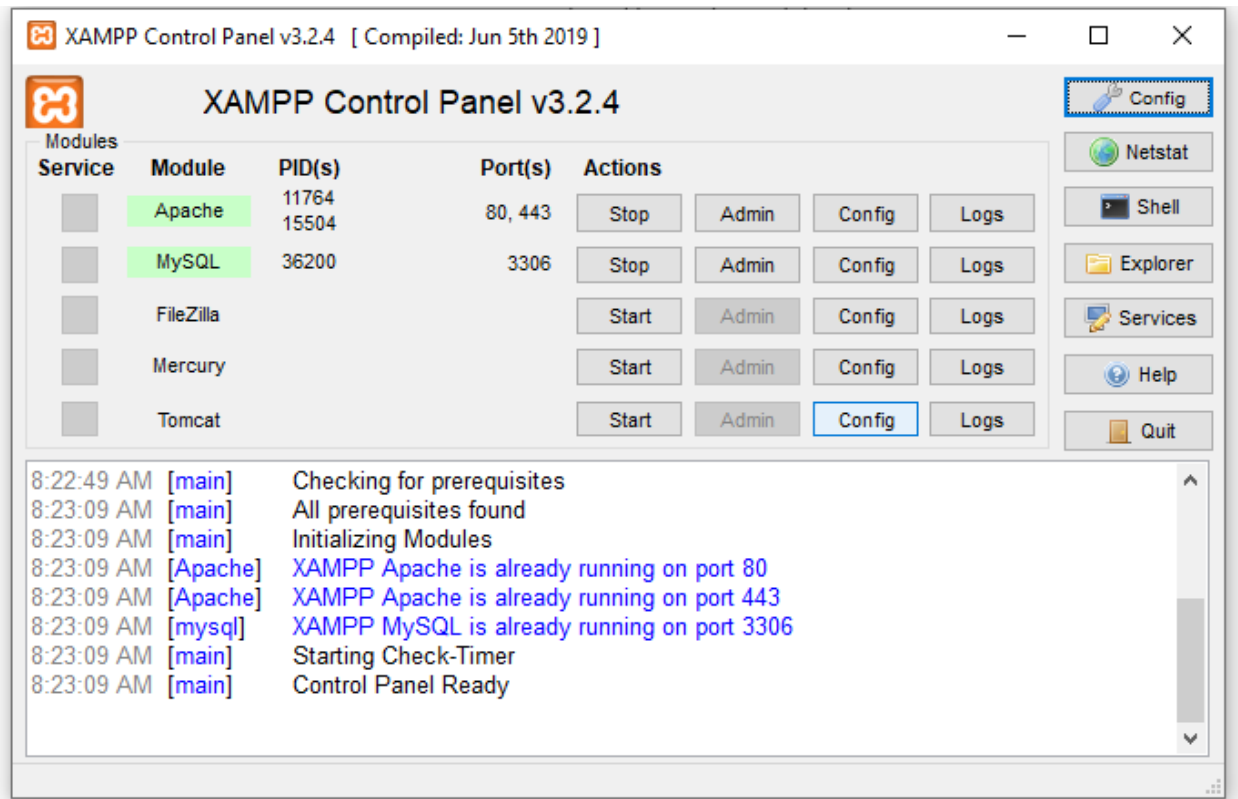
Alternative Server:

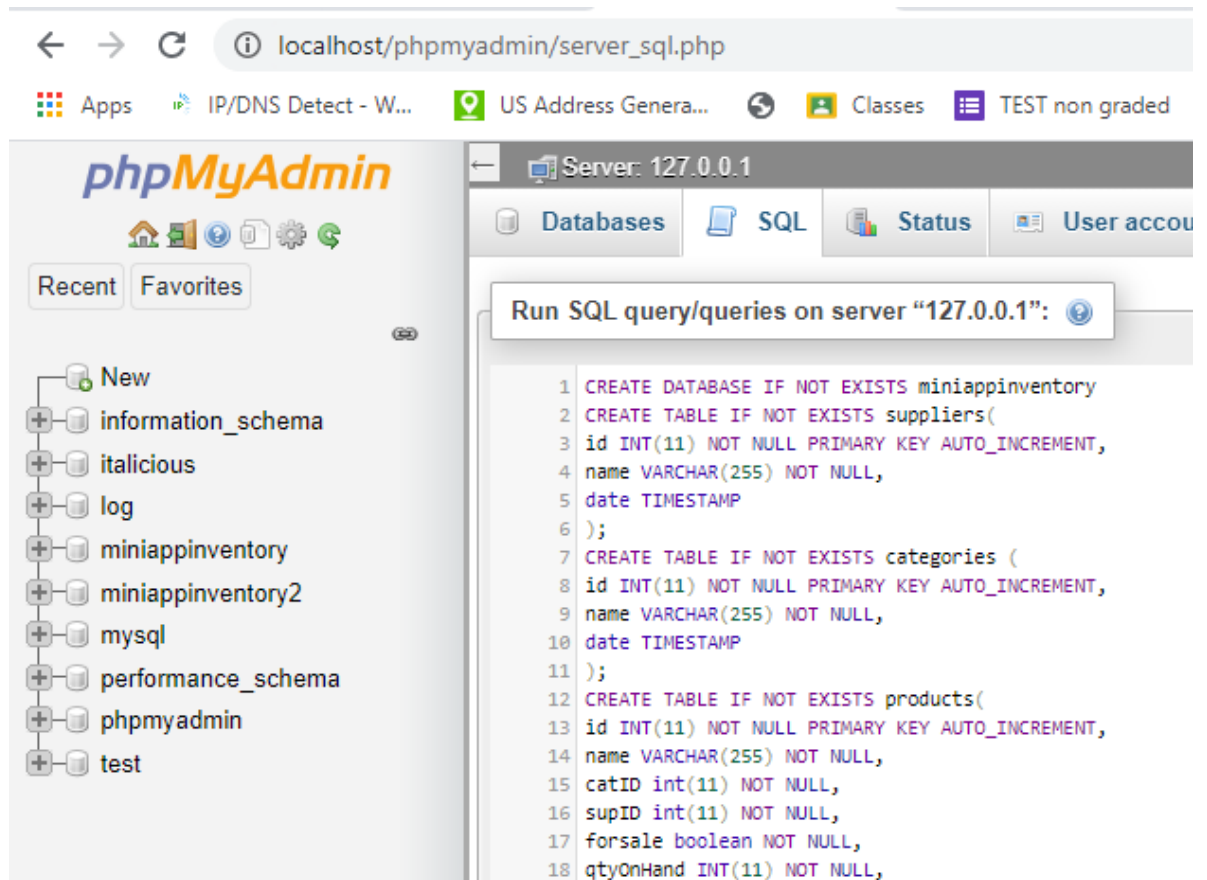
<https://www.slant.co/options/11127/alternatives/~xampp-alternatives>

- 1.1 Create a desired directory (app1 and etc) and Place the extracted files in the directory of the local server (xampp or wamp)

usually **C:\xampp\htdocs**

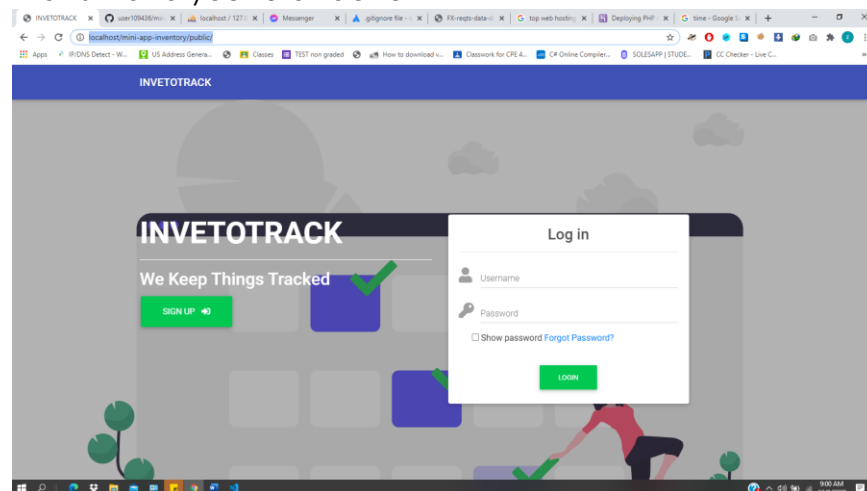
- 1.2 Run xampp or wamp



1.3 Import **miniappinventoryRedesign.sql** in phpMyAdmin

1.4 In the URL bar type localhost/YourCreatedDirectory/public

In my case it is located in **localhost/mini-app-inventory/public/**
that's it and you're all done



2. Running Worldwide (Deployment)

Hosting Sites: <https://www.websitebuilderexpert.com/web-hosting/php/>

Recommended: Heroku

Deploy to Heroku: <https://devcenter.heroku.com/articles/deploying-php#prerequisites>

NOTES: You should always keep all database configuration including the database design out in public to prevent the app from leaking sensitive information. Public folders are the ones available to your client.

DATABASE SCHEMA

INVENTOTRACK

miniappinventory products

id : int(11)
name : varchar(255)
catID : int(11)
supID : int(11)
forsale : tinyint(1)
qtyOnHand : int(11)
UPrice : double(11,2)
percentMargin : double(11,2)

miniappinventory productslogs

id : int(11)
name : varchar(255)
catID : int(11)
supID : int(11)
forsale : tinyint(1)
qtyOnHand : int(11)
UPrice : double(11,2)
percentMargin : double(11,2)
accountID : int(11)
activity : int(11)
date : timestamp

miniappinventory sales

id : int(11)
qty : int(11)
listPrice : double(11,2)
date : timestamp

miniappinventory newstocks

id : int(11)
qty : int(11)
UPrice : double(11,2)
accountID : int(11)
date : timestamp

miniappinventory orders

id : int(11)
userID : int(11)
qty : int(11)
listPrice : double(11,2)
accountID : int(11)
state : int(1)
date : timestamp

miniappinventory accounts

id : int(11)
username : varchar(255)
password : varchar(255)
recoveryKey : varchar(255)
questionKey : varchar(255)
accountType : int(1)
date : timestamp

miniappinventory suppliers

id : int(11)
name : varchar(255)
date : timestamp

miniappinventory categories

id : int(11)
name : varchar(255)
date : timestamp