**Document Purpose and Audience**

* This document describes the system in terms of functional requirements, nonfunctional requirements, the Scope and services that the system provide.

**Introduction**

**Software Purpose and Scope**

A marketplace for vapes , We are an **online store that show and distribute (sell)** all vape related products [liquids, tanks, mods, coils, accessories] at lowest possible market price , **create special offers - bundles**  for our customers so vapers can **check and buy products at the lowest market price , add rates and reviews**  to those products helping them make better buying decision

**Requirements**

**Functional Requirements**

**Landing page**

Age verification +18 to access the site

**Site user functions**

**User stories**

* Create account (registration)
* **logo home page**
* Sign in (login with facebook , gmail)

Facebook needs to have a facebook page and a lot of verification to use it

* forget password
* update profile (values validation , password optional edit )
* delete account
* user profile data change font and add icons next to each field

Product

* Search for product return results found
* See all products on the site**[item alignment side by side one row , image size ]**
* Filter product by main category
* update menu items , liquids (drop down with liquid compnies , ) how to order , about us ,contact us
* **Liquids** [ Premium - Top Lines names ]
* **Tanks** [ RDA - RDA - RDTA]
* **devices**  [ Full Kit - Mods ]
* **Parts** [Accessories - Chargers- drip Tip -battaries -Coils & Atomizer
* sub categories (query description -name contain keyword )
* filter results by [price , rate , category ]
* View product details [product title above price is missing]
* **when admin confirm order , notify user , add item to profile under purchsed items**

Shopping cart

* add items to shopping cart [**add to cart out side item page adds wrong item (fixed item is added , add to cart slider , item picture not appering in shopping cart]**
* delete items from to shopping cart **[cart icon wrong counting when deleting items , refresh counter only when enter full site name]**
* select quantity
* calculate fees price , total price ,
* check out
* wait admin for confirmation (yes remove from stock )
* **in pending order confirmation page , user profile link redirect error does not go to user page**
* Add rate (once for each product) , Average rate , number of users (Starts)
* first time rate is required must enter a rate not empty (fixed)
* Add Reviews for product

**site admin functions**

**admin user story**

* Create account ,[admin authority givin by system admin]
* Update account
* Delete account
* admin icon no redirect , remove link from admin icom
* Manage Store inventory
* add items
* update item ,update stock
* delete items when delete inside edit item page **redirect to all products page after delete , delete from outside edit itemm page delets first item in the list not the item itself**
* know items in stock ,
* orders confirmation
* update inventory on check out ( by admin confirmation [item status pending ])
* store sales and after sale
* sales transactions history (cash flow)
* profit calculator
* top sellers items
* generate bills
* Update profit and sales on Refund items
* Update stock if refund after x period
* Customers data

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Product plan

1. user profile data change font and add icons next to each field (better user experience )
2. **update menu items**
   1. liquids (drop down with liquid companies / subcategories mega menu )
      1. each line separate view page with it products
   2. how to order
   3. about us
   4. contact us
   5. Prizes / special offers
3. **Landing page clean up (get ideas from real sites )** 
   1. Add slider [ slider-camera.html , slider-canvas-3.html ]
   2. what we sell , products overview , call to action , brands picture line
4. **data base model update for product table add** 
   1. Categories (70/30 - 50/50 ) filter
   2. LineName added by admin
5. when admin confirm order , notify user , (notification system )
6. **store sales and after sale reports** 
   1. sales transactions history (cash flow)
   2. profit calculator
   3. top sellers items for each line
   4. generate invoice
   5. Customers data
7. forget password

**Database /model**

**Users (model)**

Name , address , mobile, logo/pic , email , password ,userID, isAdmin

**Views**

* Login
* signup
* User profile page (index) [rated items , reviewed items , purchased items ,user data ]
* Edit profile page: form showing old values [Validation on the server]
* Update button store new values
* delete button delete user profile data (all data related to that user )

**Controller**

* registration , sign in controller (built in)
* profile controller

**Products(model)**

productID ,Name , Price ,category , description , brand , stock

Categories [Tank , Mod , coil , liquid , batteries, accessories ]

**Views**

* Store products page (all products on the system)
* Product details page
* Add product form
* Edit product (form with old stored values, store new values)
* Delete product
* Search for a product page
* Results - data filters , sorting

**Controller**

* Product controller

**Rates (model)**

* UserID , productID , rate

**View**

* Rate bar to add rate on every product

**Controller**

* RatesContoller

**Review(model)**

* ProductID, UserID , review

**View**

* Reviews added to every product details page (user can add many reviews)

**Controller**

* RatesContoller

**Special offers(model)**

ProductID , offer price (discounts) , offer description , start date , end date , status

**Views**

* Offers page
* Add offer
* update offer
* archive/end offer
* delete offer
* offer details page