**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)
* Sign in
* update profile (values validation , password optional edit )
* delete account
* logout redirect problem (sometime working sometime not **fixed**)

Product

* Search for product return results found
* See all products on the site
* Filter product by main category
  + **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

Shopping cart

* add items to shopping cart
* delete items from to shopping cart
* select quantity
* calculate fees price , total price ,
* check out
* wait admin for confirmation (yes remove from stock )
* 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
* Manage Store inventory
  + add items
  + update item ,update stock
  + delete items
  + know items in stock ,
  + send stock level reminder , notifications (when stock level reach x entered)
  + 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

**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