

CMSC 121: Web Programming

Initial Plan

Planter: for all your planting needs

Baseline:

Customer Account Management

- Public users can register an account (Sign up; database, frontend)
- When an account is created there is an email verification sent (pero usable na yung account kahit hindi verified)
- There must be a default admin account that comes with the application

Summary:

- Dapat may dapat kapag public user (default) pwede mag sign up and sign in/log in (upon signing up dapat may email verification, pero usable parin account)
- Yung mga nakapagsign up parang elevated lang sila na public user, pwede na sila bumili and shit ang tawag sa registered user ay “customer”
- Meron ding admin user/account, tayo yon superuser ang tawag doon, basically sila yung nag bebenta and stuff, more on nagagawa nila below.
- Ang hierarchy is ADMIN sa pinakataas, CUSTOMER, and then PUBLIC USER

User Authentication and Session Management

- After mag register syempre pwede na mag sign in/ log in as previously mentioned gamit yung username and password na provided nila
- Basically knowledge authentication lang tayo

Additional(Optional for now):

- If possible, upon verification ng account mareremember ng web app natin yung device ng user na yon, para next time if nag log in sila sa different device magesend nanaman tayo ng email para iverify yung use sa device na yon (this is ownership authentication, para lang massecure yung accounts)

Viewing Goods

- All types of users (Admin, Customer and Public users) can view kung ano binebenta
- All types of users can use search queries to find a product
- Mayroon din mas detailed page ng isang product

Summary:

- Bali sa viewing mayroon tayong listed products and clickable yung each product para ma view sila ng mas detailed
- Parang kapag nag bobrowse ka sa shoppee tas may nakita kang gusto mo, pwede mo siyang ciclick para mas detailed yung info

Purchasing Goods:

- Only CUSTOMERS can purchase goods (bawal ang public user at admin)
- May roong CART ang users bago bumili inaadd to cart muna
 - Indicated din dapat ang amount ng product, and other details (color, customer requests) if kailangan ito
 - MULTIPLE rin dapat ang pwede ilagay sa CART
- FINALIZING THE PURCHASE (nasa cart na lahat)
 - Checking out the CART: Dapat nakikita parin lahat ng items and pwede rin magtanggal sa cart and modify the quantity before proceeding sa payment methods (I suggest na sa CART nalang ito nagagawa, bukod sa removal ng items nachcheck nalang din kung ano yung gusto lang I checkout)
 - Payment methods: Sa payment methods page, pipili ang customer kung credit card, cash on delivery etc, syempre ipoprompt nito kung anong details yung hihingin (for example credit card, dapat hihingin ng page natin yung card number, owner ng card, expiration etc.)
 - Delivery Process: Kapag na finalize na ang payment methods, pupunta naman tayo sa delivery page kung saan ilalagay ni buyer ang delivery info (kung saan idedeliver and contact info etc) – naka default na ang info na ito kung kasama naman sa profile ng user; so this is just in case sa iba gusto ipadeliver etc.
 - Kapag tapos na ang tatlong ito, may summery muna ng purchase before iconfirm ng customer na ituloy na yung transaction. Syempre pwede ring mag BACK yung user to EDIT some details if may mali (Basically at anypoint pwedeng bumalik yung user, so kunwari nasa payment siya ngayon pwede siya bumalik sa checkout ng cart, kung nasa delivery process pwede siya bumalik sa payment; interconnected sila) --- kapag walang mali edi confirm transaction
 - CONFIRMED TRANSACTION- magsesend ng email ang ating system ng invoice of the purchase
 - NOTE: persistent ang CART so kahit mag login or logout si customer na mamaintain ang cart

Management of Goods:

- ONLY THE ADMIN can manage the goods
- ONLY THE ADMIN can add or remove goods being sold

- ONLY THE ADMIN can edit details ng goods (name, description, photo etc.)
- Kumbaga tayo yung seller tayo yung admin eh

Notes:

- Gawin muna natin lahat ng indicated above before mag add ng ibang features haha

SUMARRY:

Types of Users: ADMIN > CUSTOMER > PUBLIC USER

Public User

- Sign up and viewing of goods lang pwede niya gawin

Customer

- Can log in, view goods, add to cart, purchase (nasa taas ang details nito)

Admin

- Can log in(superuser), view goods, manage goods (hindi bibili ang admin)