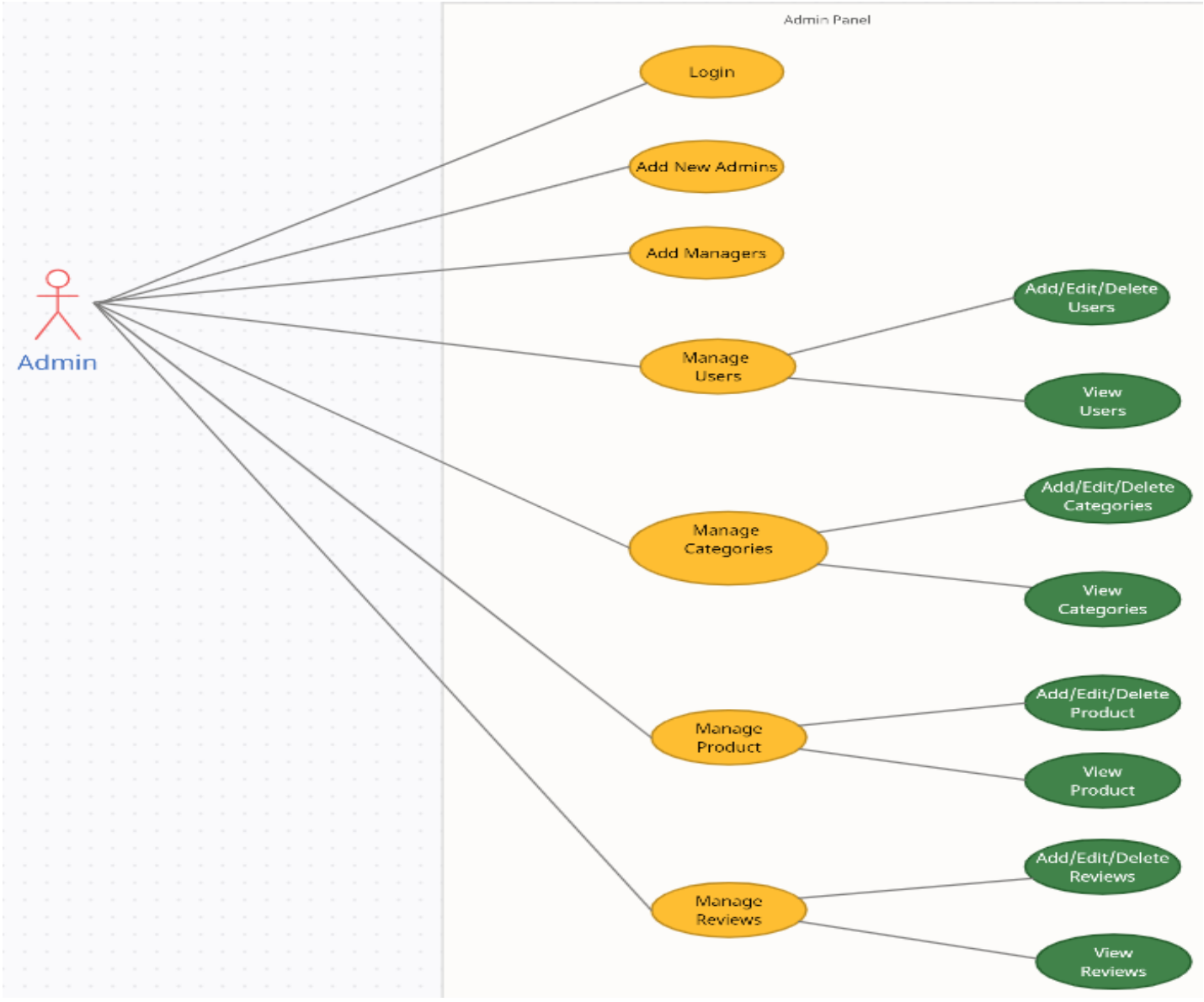
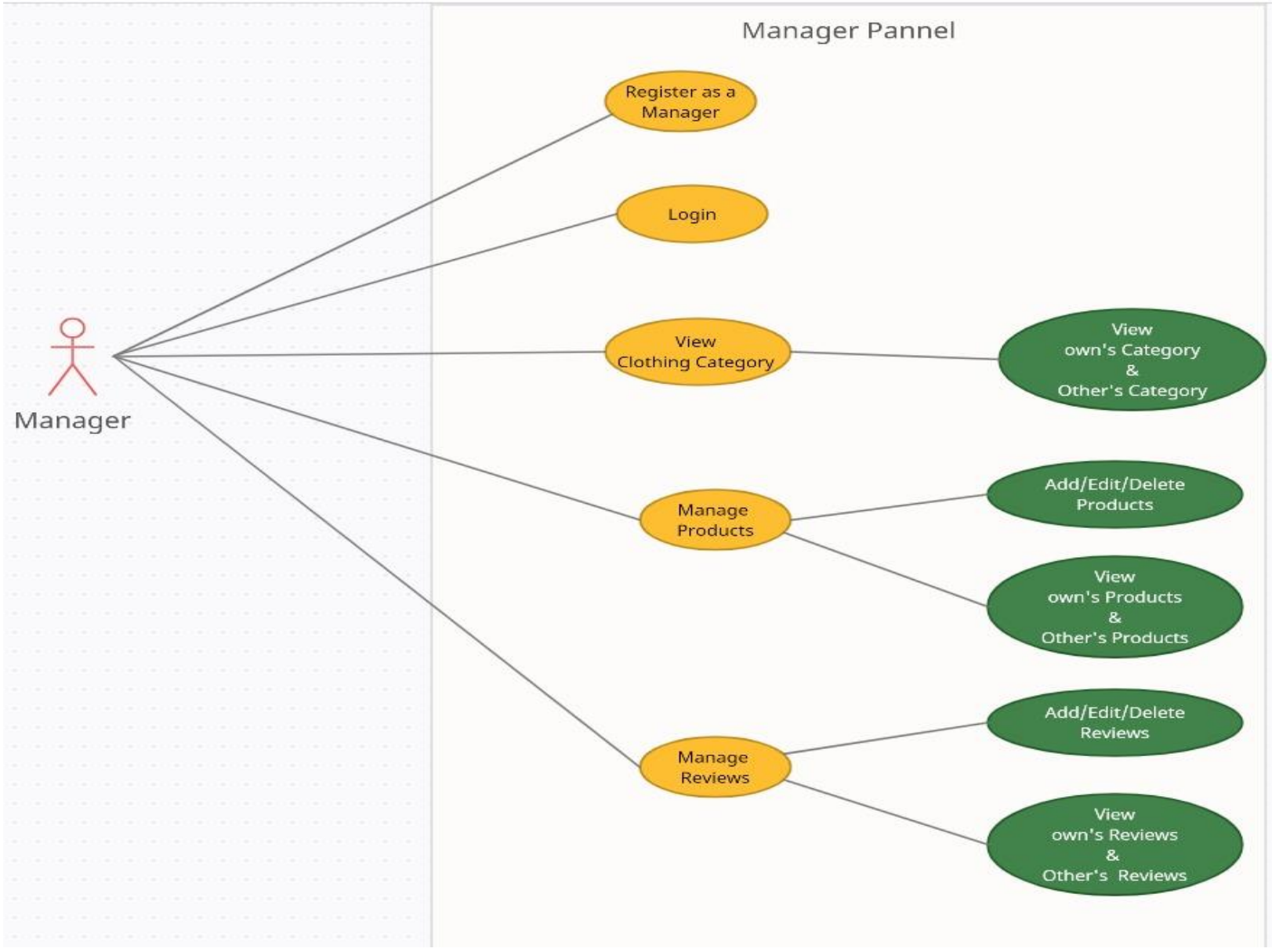
Use Case Diagram

ADMIN



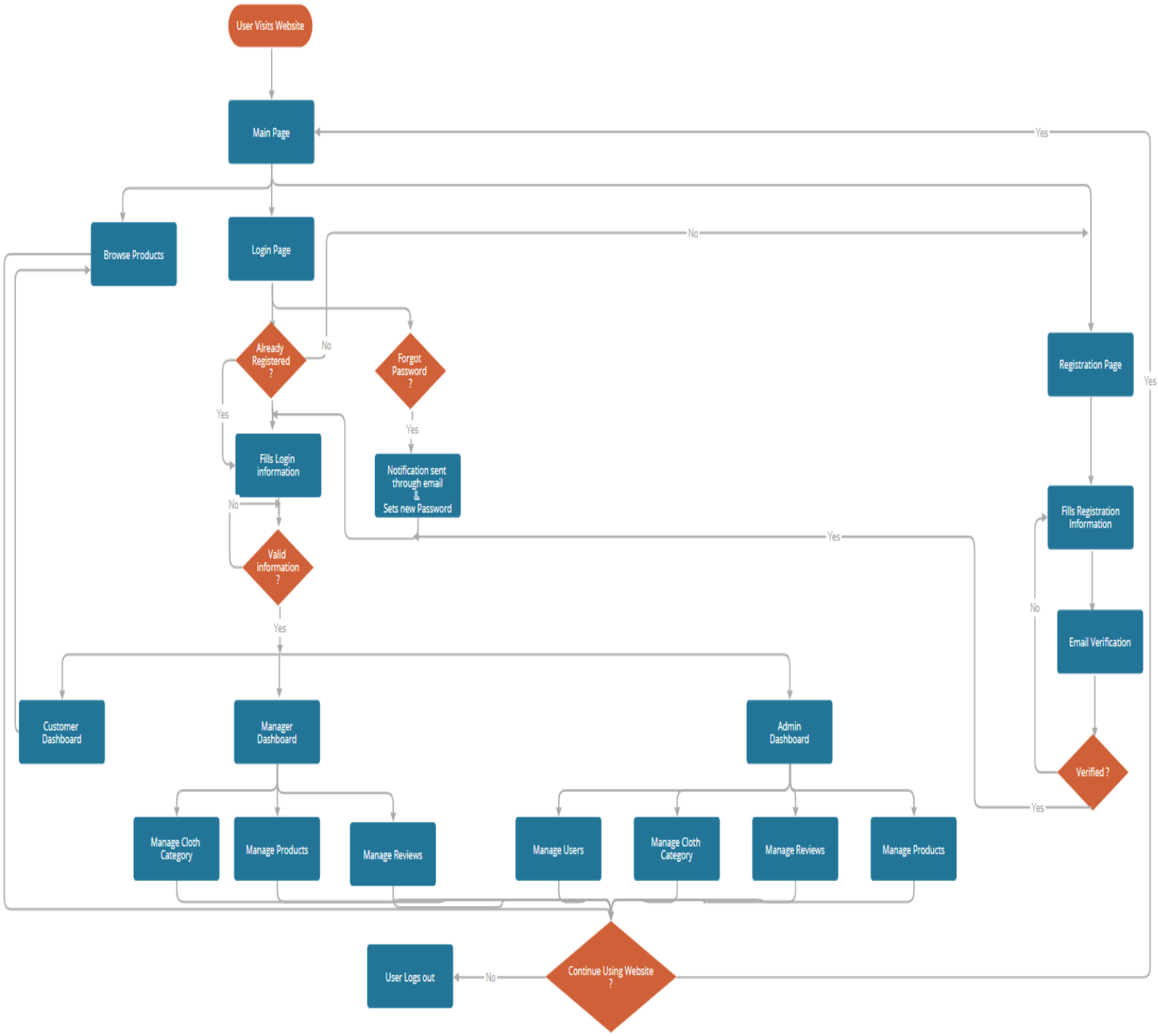
MANAGER


Manager Pannel
Register as a Manager
Login
View Clothing Category
View own's Category & Other's Category
Manager
Manage Products
Add/Edit/Delete Products
View own's Products & Other's Products
Manage Reviews
Add/Edit/Delete Reviews
View own's Reviews & Other's Reviews

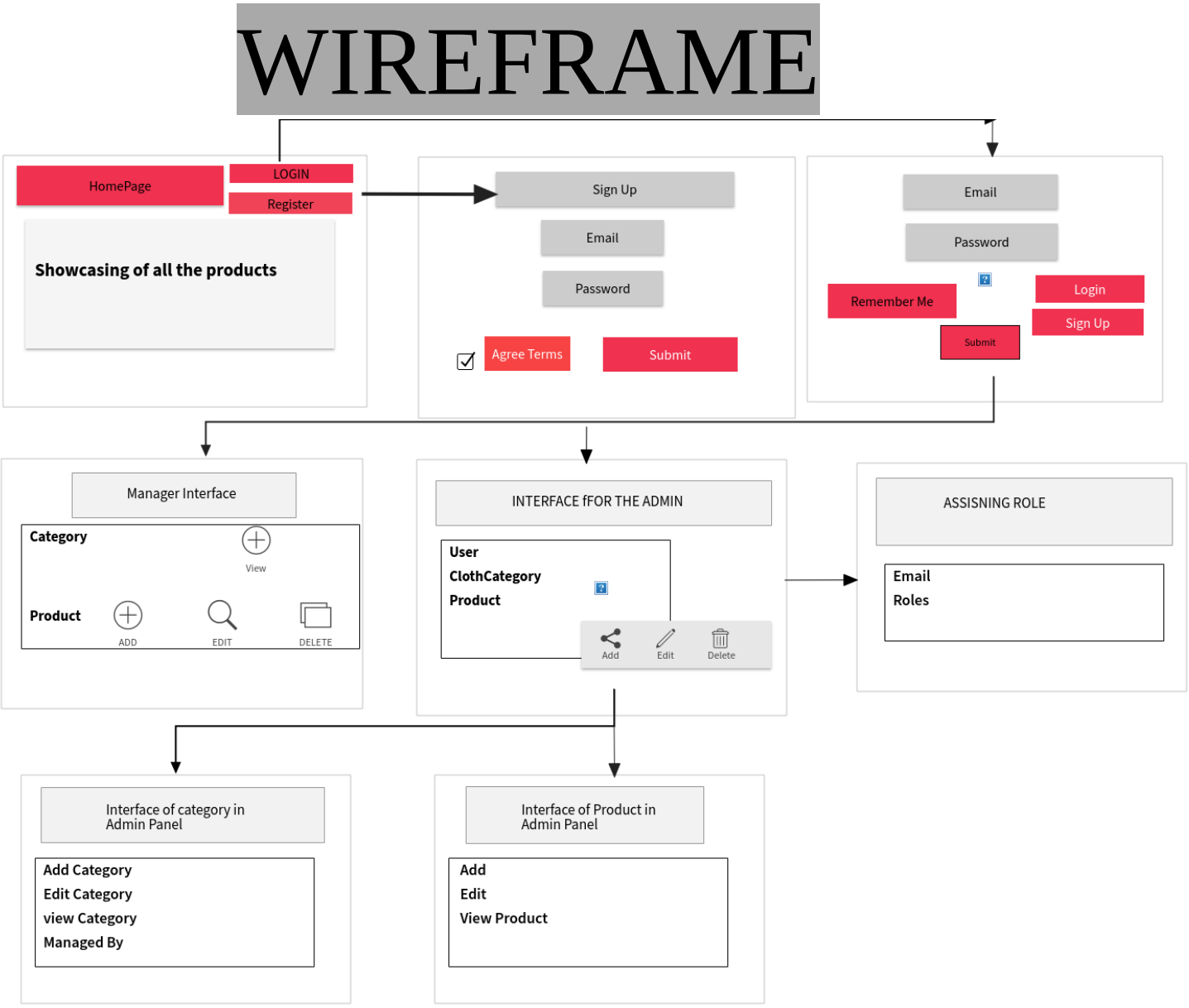
CUSTOMER


Customer Pannel
Register as User
Login
Browse available products
Add/Edit/Delete Review
Submit order Review
View Reviews
Update Profile
Change Password
Customer

FLOW CHART


User Visits Website
Main Page
Browse Products
Login Page
Already Registered ?
Forgot Password ?
Fills Login information
Notification sent through email & Sets new Password
Valid information ?
Registration Page
Fills Registration Information
Email Verification
Verified ?
Customer Dashboard
Manager Dashboard
Admin Dashboard
Manage Cloth Category
Manage Products
Manage Reviews
Manage Users
Manage Cloth Category
Manage Reviews
Manage Products
Continue Using Website ?
User Logs out
Yes
No

WIREFRAME


HomePage
LOGIN
Register
Showcasing of all the products
Sign Up
Email
Password
Agree Terms
Submit
Email
Password
Remember Me
Login
Sign Up
Submit
Manager Interface
Category
View
Product
ADD
EDIT
DELETE
INTERFACE fFOR THE ADMIN
User
ClothCategory
Product
Add
Edit
Delete
ASSISNING ROLE
Email
Roles
Interface of category in Admin Panel
Add Category
Edit Category
view Category
Managed By
Interface of Product in Admin Panel
Add
Edit
View Product

ATTRIBUTES IN APPAREL DATABASE

1. Quality
2. Good fit
3. Attractiveness
4. Product name: Kurtis/jeans/shirt
5. Ideal for : women/men/kids
6. Fabric: Rayon/jeans/cotton
7. Pattern: solid/checks/printed
8. Fit: Regular/stretchable
9. Color: red/white/blue
10. Type: straight/symmetrical/asymmetrical
11. Length:
12. Neck: colored/round/v/u
13. Occasion: formals/traditional/western
14. Cost
15. Size: L/XL
16. Brand: park avenue/turtle
17. Image
18. Sleeve
19. Origin
20. Embroidery

Work Completed So far :- (20-Jan-2021)

We have a created a registration page in which user has to provide their email and after the verification they can use the platform.
Than they can use that email to login into our web application.
We have created a database in which we have taken 3 tables such as user , category and products. In which we have added 20+ attributes .
.

Our Project will be having 3 users
→ Admin panel is created , role privileges is also done

1 Admin:

Admin will have the authority to assign roles to the user.

Admin can add/edit/delete managers for the website.

Only Admin can add Categories for e.g: Shirts,Sarees,Jeans etc.

Admin will have all the permission to perform any action in the website such as crud

on any field.

2 Inventory Manager:

Inventory Managers are assigned to perform crud operations on product field.

Inventory Manager can only view Categories present in the website.

3 Normal User:

Normal users can browse the website and if required they can register and login in the website. For registration they are required to give their email id and password. A verification email will be sent to them after registration. If the email is verified then they can login through their email and password during their registration.

If in case any user forgets their password, there will be option for resetting the password. They can set a new password through that option. An email will be sent to their registered email informing them about their activity.
->Crud operations are working correctly in which we have used dummy data.

TODAY’S WORK PROGRESS (21-JAN-2021)

PROGRESS REPORT (21-JAN-2021)

In the process of importing bulk data we have created an import event such that we can add bulk of data just by clicking that button. It works like this that the importing file should be in a json format and it should follow the per-defined regulations. For example if a category has 3 enum field the json file should also have only one of the fields or a null value. We did create a dummy data of 10 products with 20 plus attributes and imported it to our web application and it is importing all the data correctly.

We have tried to perform all sort of crud operations on admin interface and it was working correctly.
And CRUD operation are working fine for the managers as well. And they both have a UI according to their privileges.

We have also created a Home Controller for the user and he has the UI of a Homepage and view all the published data.

Progress report (22-jan-2021)

Our functioning of crud operation has been completed for the manager interface.
We also have implemented the workflow through ENUM as well.
We also have worked on the UI part as well making it look little better as well.
And we have been working on all the previous functionality work correctly.
Log table is work in progress

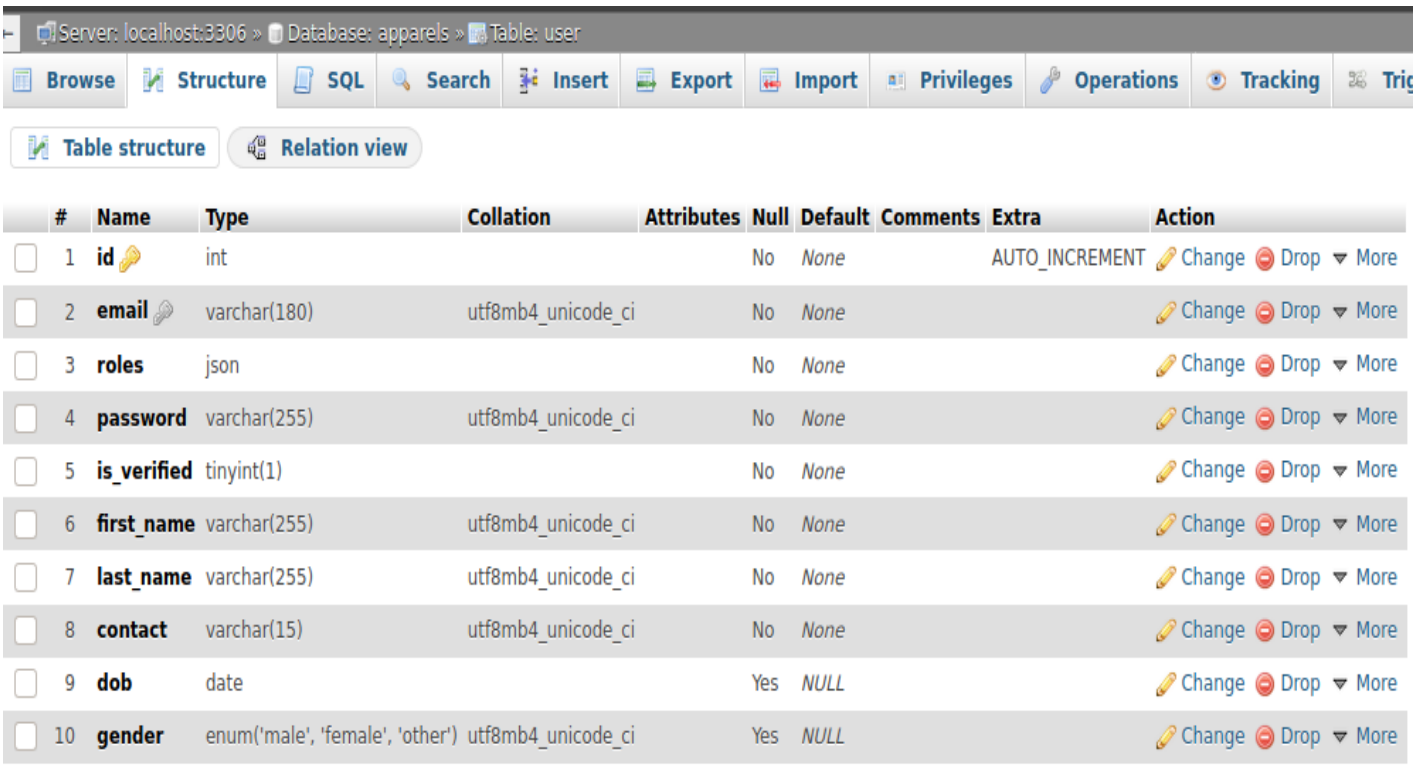
DATABASE SCHEMAS AND RELATIONSHIP

We have created four tables
1-User table
2-Cloth_Category
3-Product
4-Reset_Password_Request
5-Review(WIP)

Roles – We will hard Code one super admin in the database which will have all the privileges, after that the admin can assign different roles to users as Inventory Managers. It can be done from the dashboard (Admin panel).

Cloth Category – We will define categories in this table with all of its attributes into the database.
Reset_password_request – This table will be used for resetting the password.

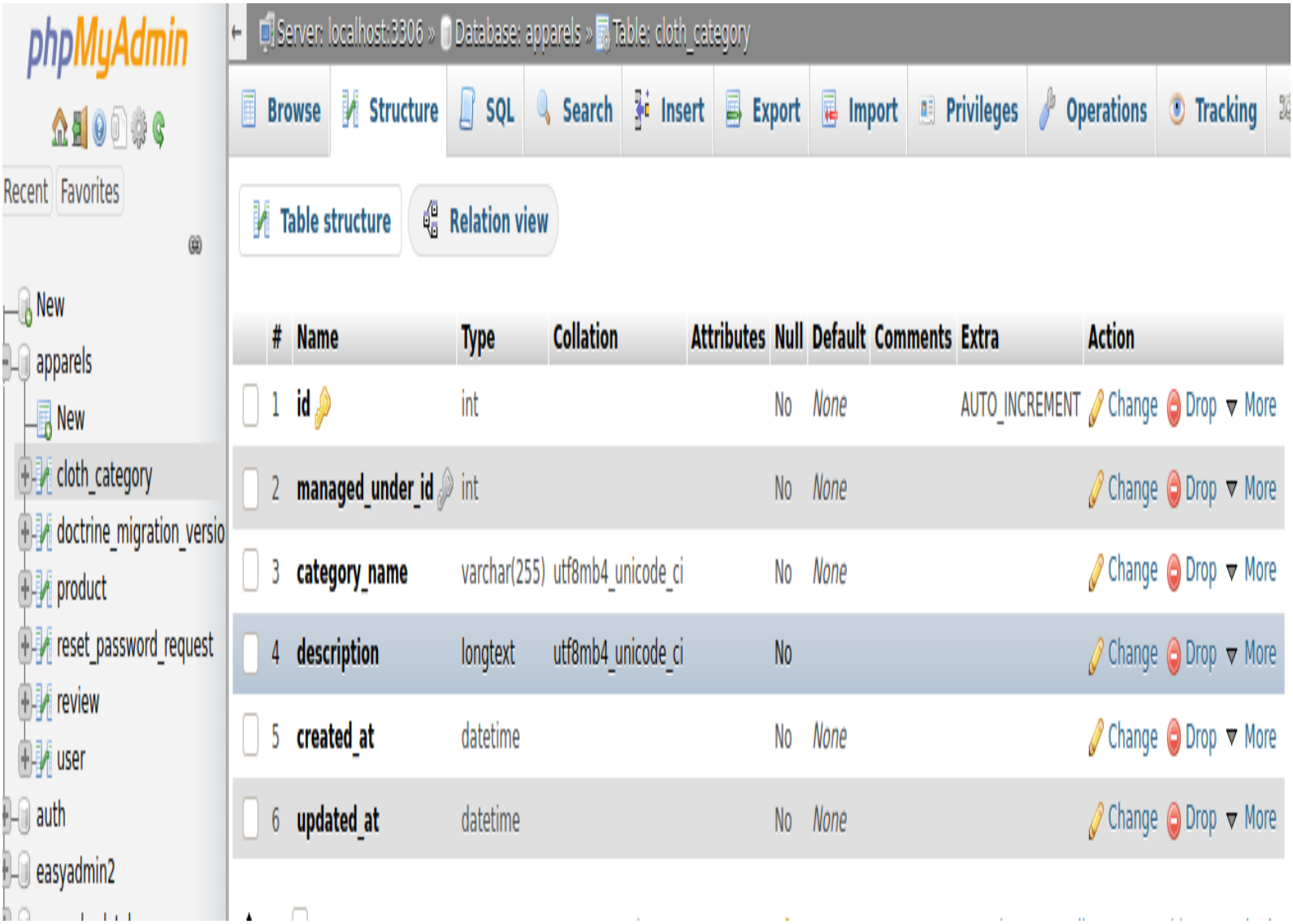
THIS IS THE USER TABLE WITH ALL THE FEILDS



#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int			No	None		AUTO_INCREMENT	Change Drop More
2	email	varchar(180)	utf8mb4_unicode_ci		No	None			Change Drop More
3	roles	json			No	None			Change Drop More
4	password	varchar(255)	utf8mb4_unicode_ci		No	None			Change Drop More
5	is_verified	tinyint(1)			No	None			Change Drop More
6	first_name	varchar(255)	utf8mb4_unicode_ci		No	None			Change Drop More
7	last_name	varchar(255)	utf8mb4_unicode_ci		No	None			Change Drop More
8	contact	varchar(15)	utf8mb4_unicode_ci		No	None			Change Drop More
9	dob	date			Yes	NULL			Change Drop More
10	gender	enum('male', 'female', 'other')	utf8mb4_unicode_ci		Yes	NULL			Change Drop More

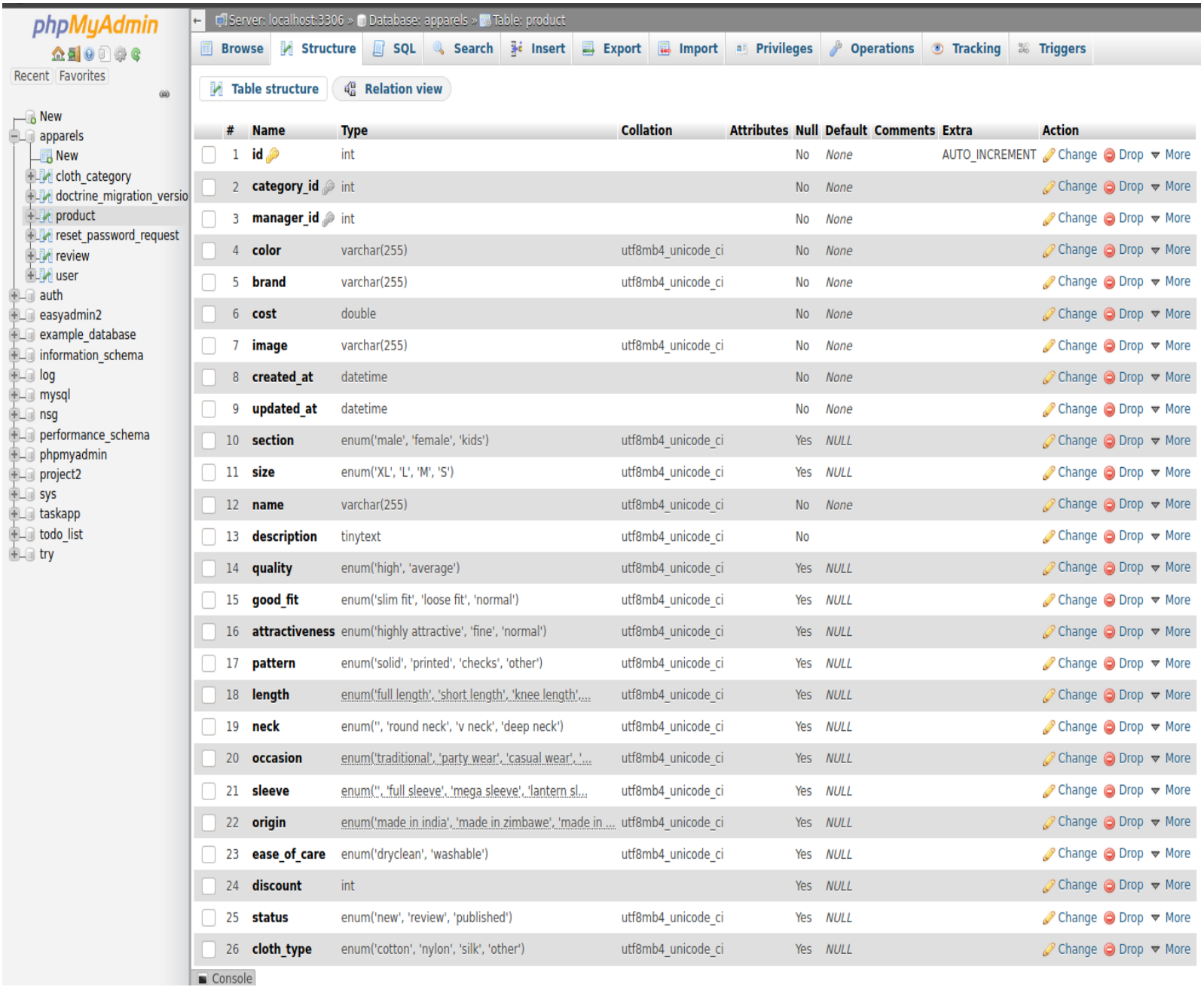
User Table- This table Will store IDs ,Roles ,
Email ,password, is verified columns.
Id will be auto generated and it will store the unique id for every user entry .Id will work as a primary key in our database. For email verification we are having is verified column in our table as well. Password Field will have encrypted password as well. For Gender we have taken enum fields.

CATEGORY TABLE



We have created a cloth category table in which we have defined all the categories of the products. In the description field we can have a little details for the category as well. We are taking managed_under_id as a foreign it will reflect that who is with that id managing the product of the category. For example our domain is apparels so right now we have taken 5 categories and assigned those categories to different manager who are decided by the admin, and whenever a user is assigned a new category they are receiving a mail that you have been assigned this category, after that the role will be inventory manager now that manger will have some extra privileges such as that they will be editing products in the category and they will also manage the work flow.
That is we are giving 3 enum values to our manager whenever a product is added after the manager publishes the product it will than reflect in our web application.

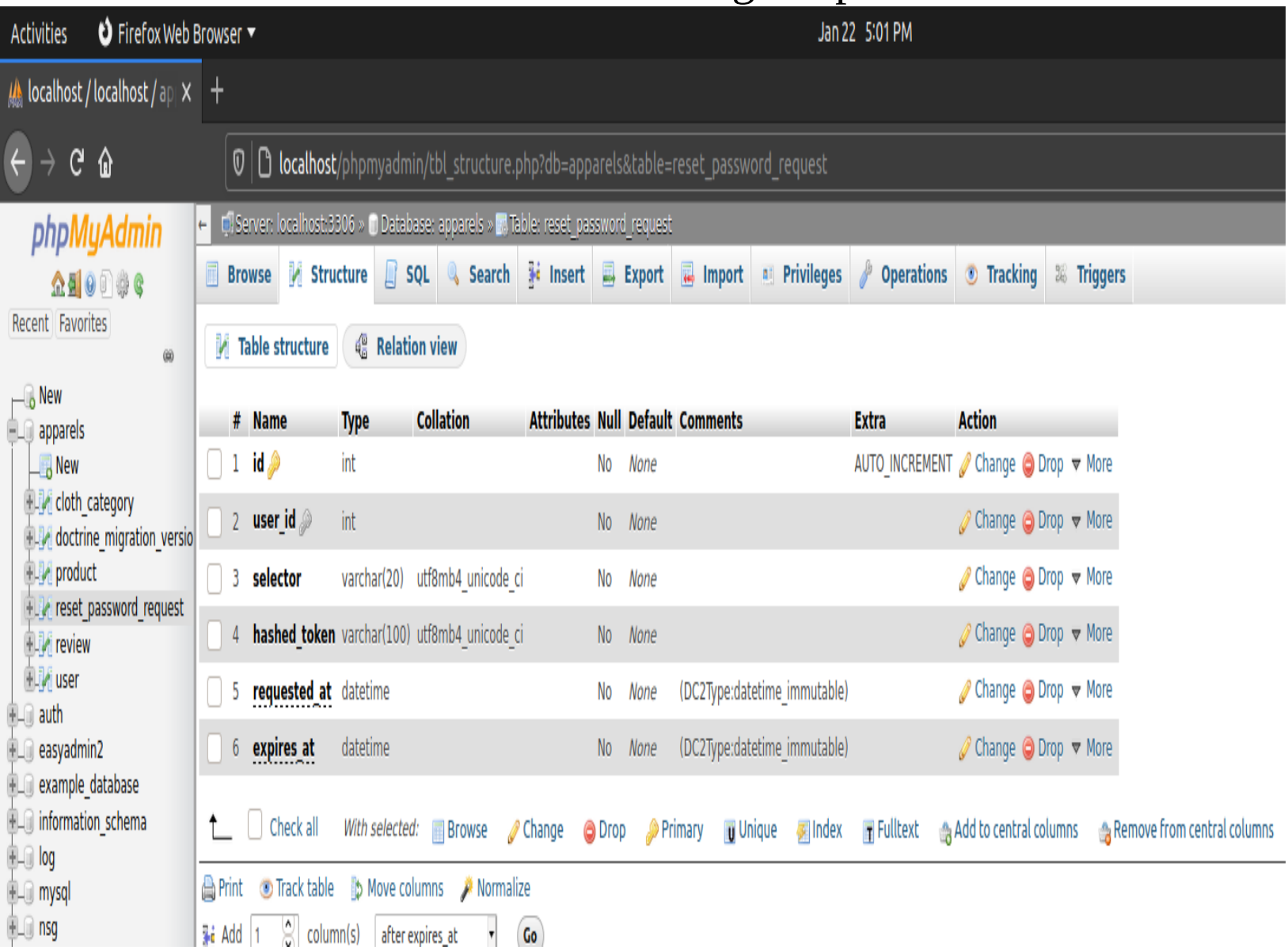
Product Table



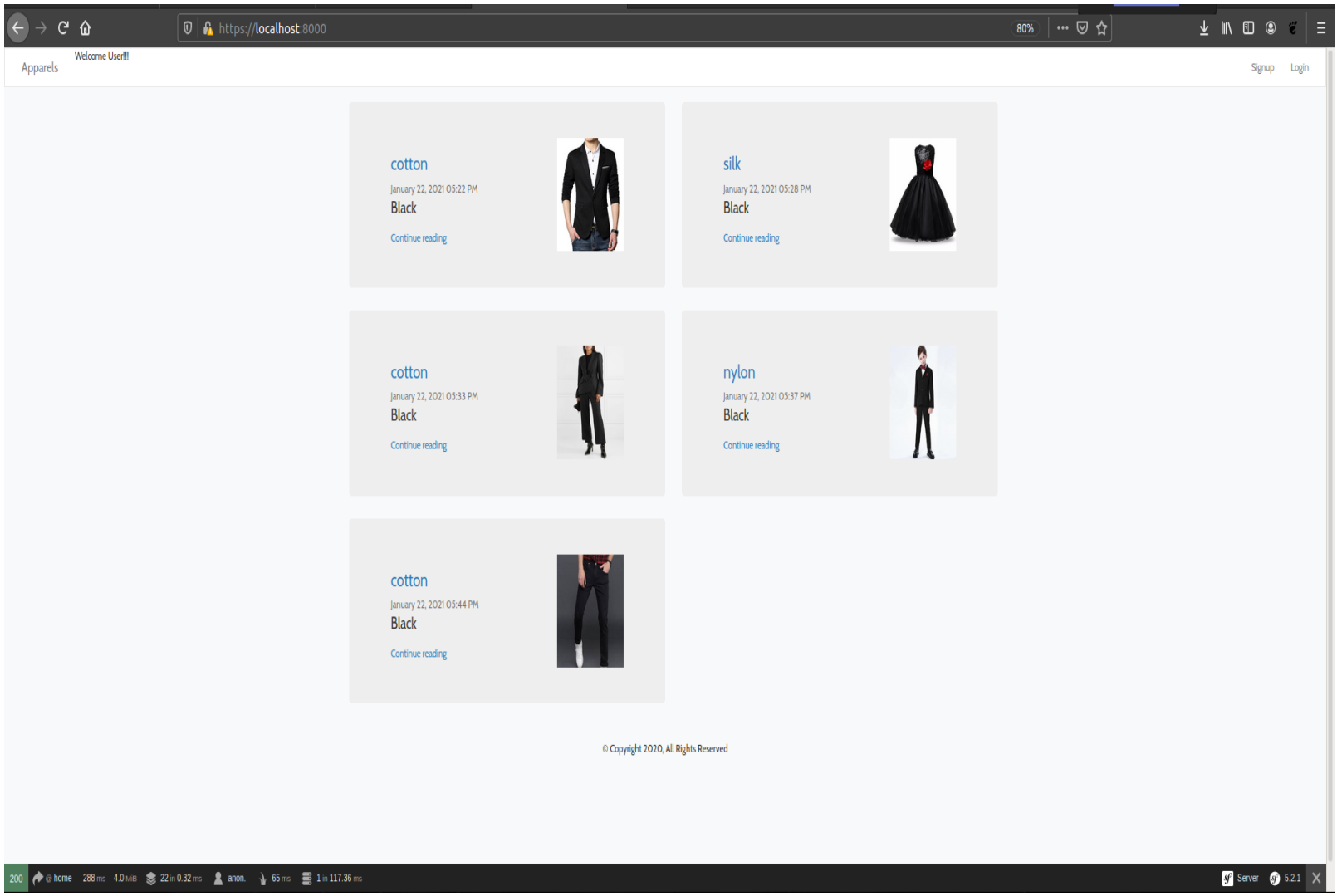
This is a product table in which are describing all the attributes for our products we have taken 2 foreign keys one is category_id and manager_id. Every Product is related to a category and that category is managed by a inventory manager so this a relationship which we are setting between them .
We have also created a status field as well we have given enum fields in that such as New, review , published . So whenever a product is added in our application it will be published on our home page after it is published by the inventory manager.

Reset Password Table

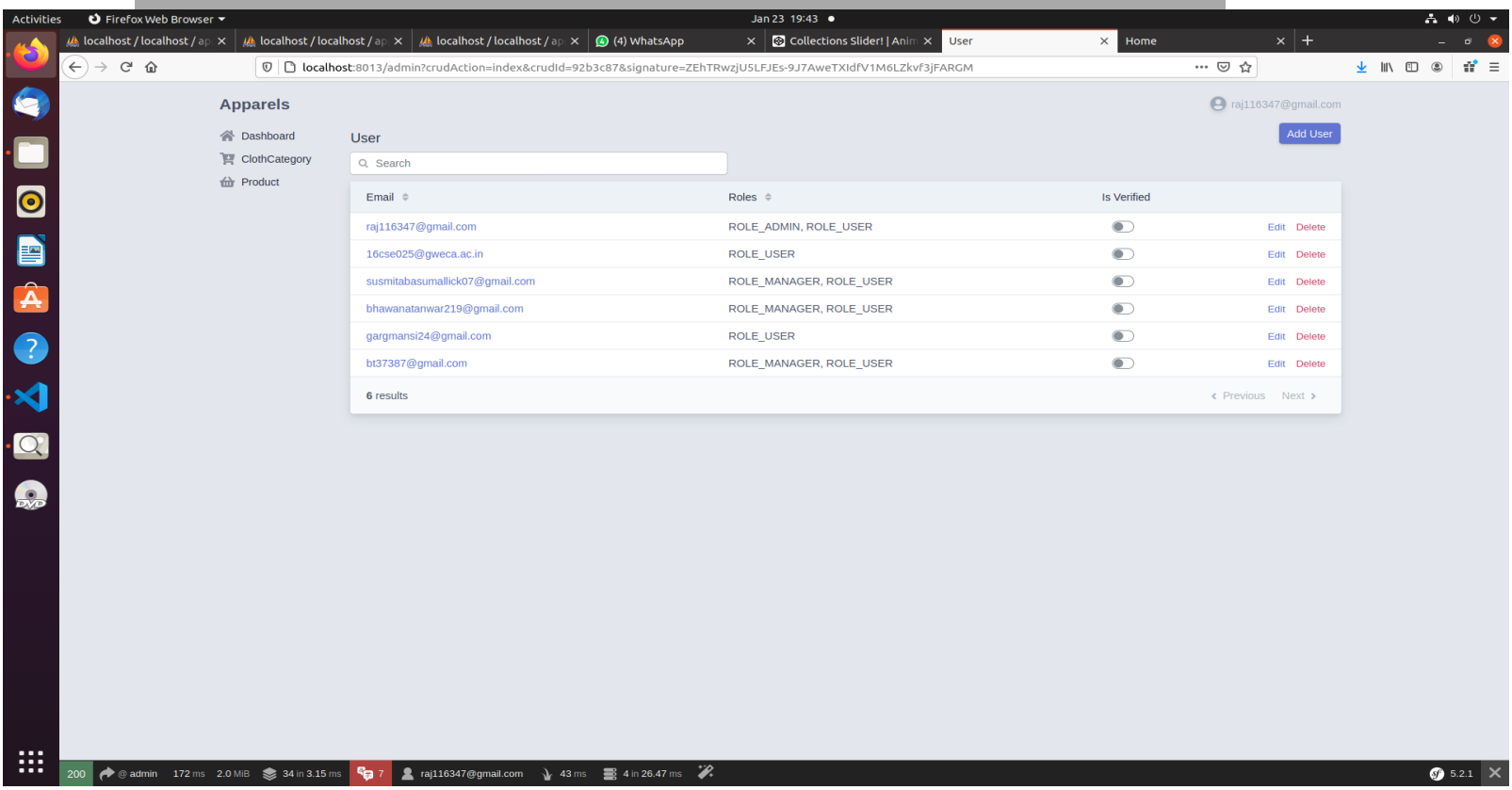
This table is generated when we install the reset password bundle in the symfony . So if a user forgets its password he can use the reset password option in our web application after that he will receive a Email for resetting the password.



Homepage


https://localhost:8000
80%
Welcome User!!!
Apparels
Signup
Login
cotton
January 22, 2021 05:22 PM
Black
Continue reading
silk
January 22, 2021 05:28 PM
Black
Continue reading
cotton
January 22, 2021 05:33 PM
Black
Continue reading
nylon
January 22, 2021 05:37 PM
Black
Continue reading
cotton
January 22, 2021 05:44 PM
Black
Continue reading
© Copyright 2020, All Rights Reserved
200
@ home
288 ms
4.0 MB
22 in 0.32 ms
anon.
65 ms
1 in 117.36 ms
Server
5.2.1

ADMIN DASHBOARD

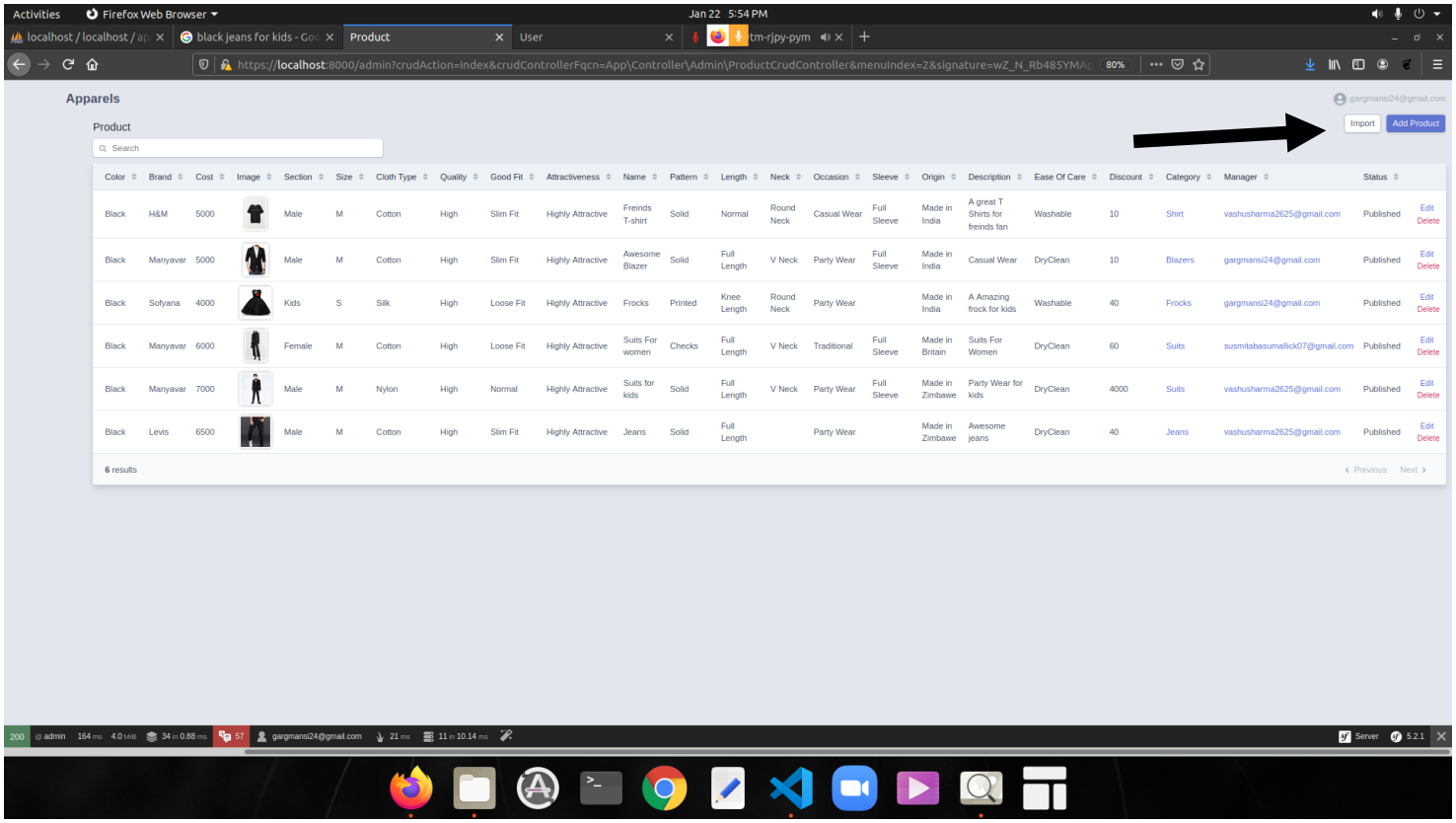


IDEA BEHIND THIS ADMIN PANEL

This is the Admin Dashboard and we have created three panels for the Admin first one being the Dashboard. From where the admin can assign roles to the registered user to the post of Inventory Manager and they will be receiving a mail through our mailing system. While creating the database we thought that we can give roles to users and for switching between multiple roles they should be able to see the UI from different perspective so that's why we took Json format but after your suggestions we got to know that we could have created another table and record all the details with whoever is handling the product management as well.

We as a team has thought of continuing this project and enhance it after the submission as well.

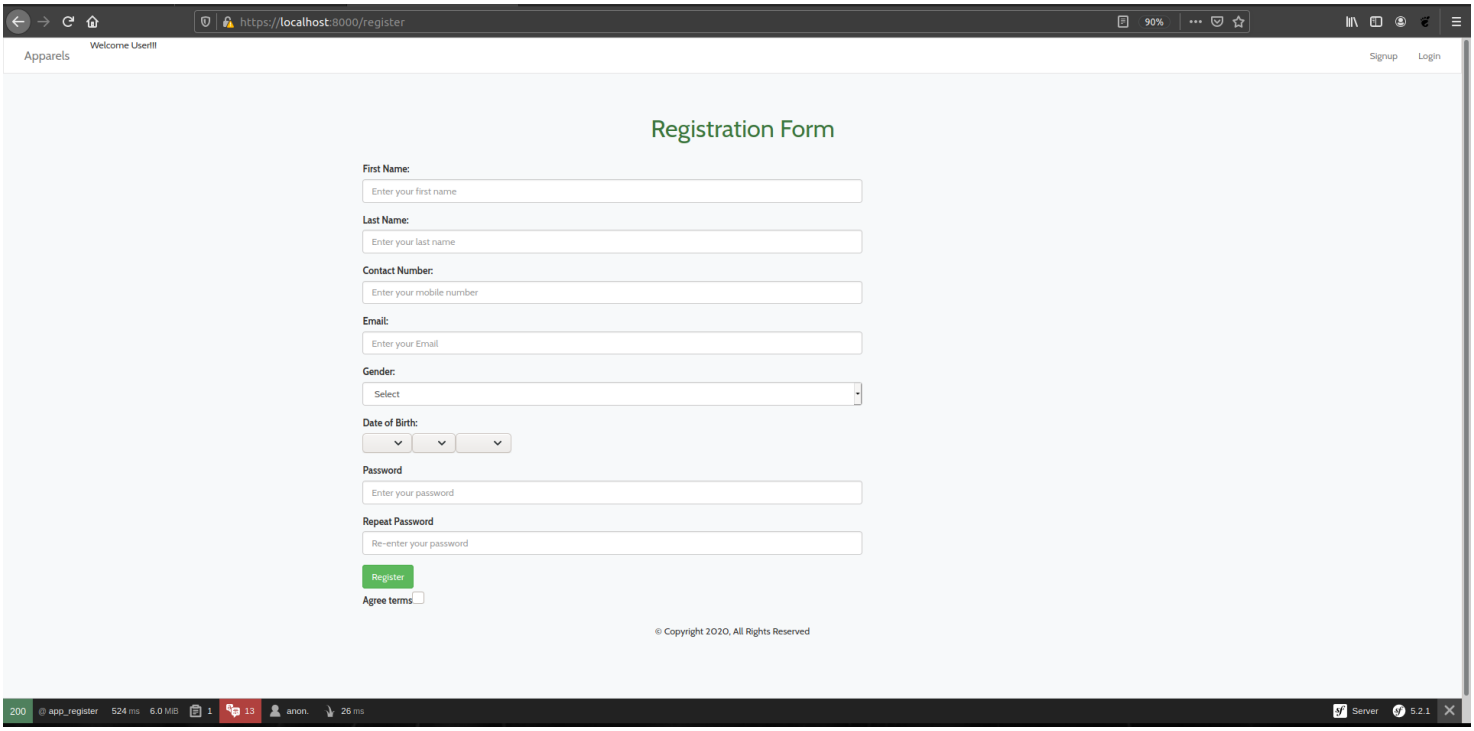
Product display



THIS IS THE IDEA BEHIEND PRODUCT DASHBOARD

In this table we are displaying all the products they can be any state from New, review and Published. So the idea was to create an import button as well so whenever the manager wants to import bulk amount of data he can use the Import button to import the data and after that he can published and review it as well.

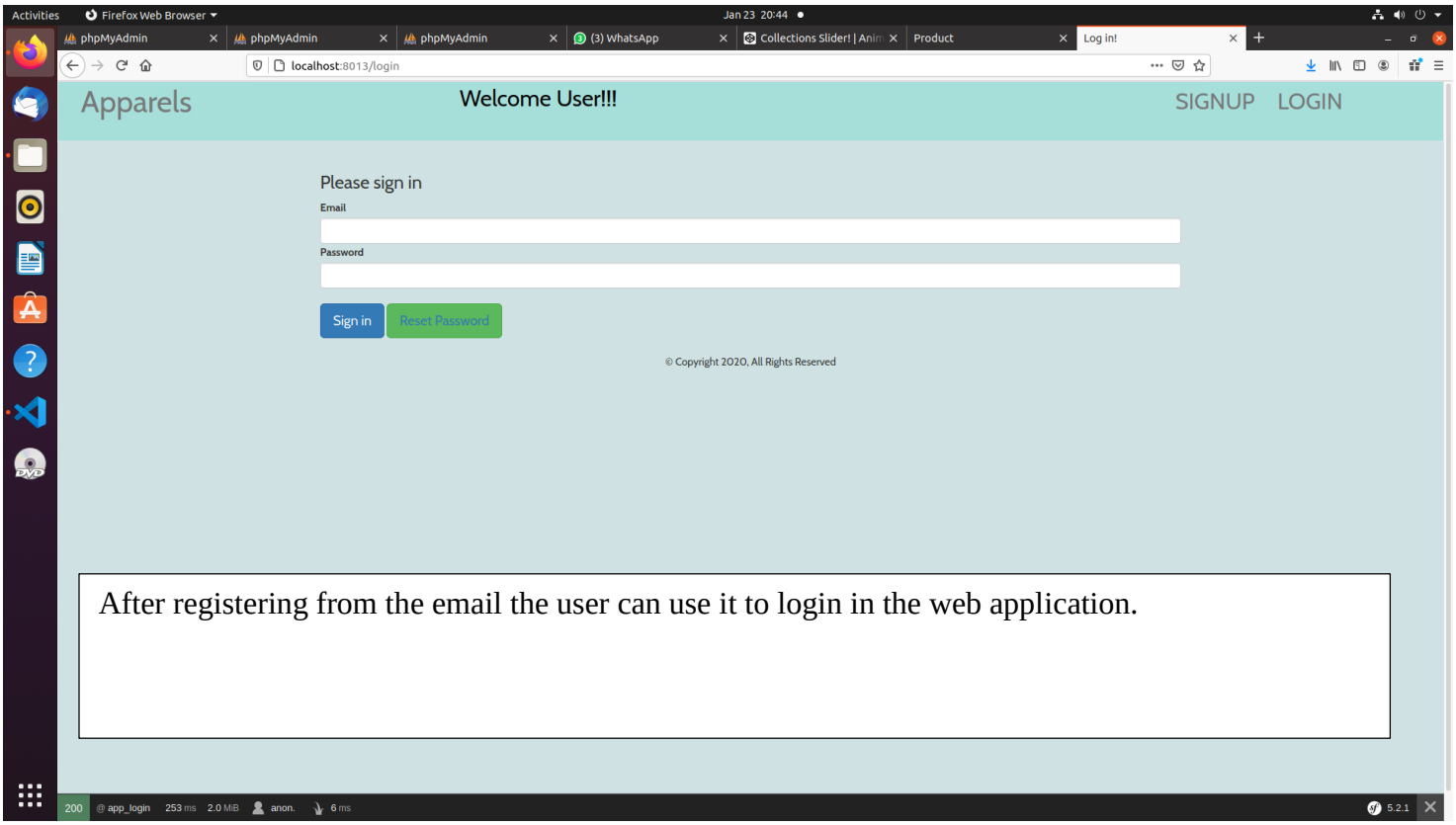
Registration Form



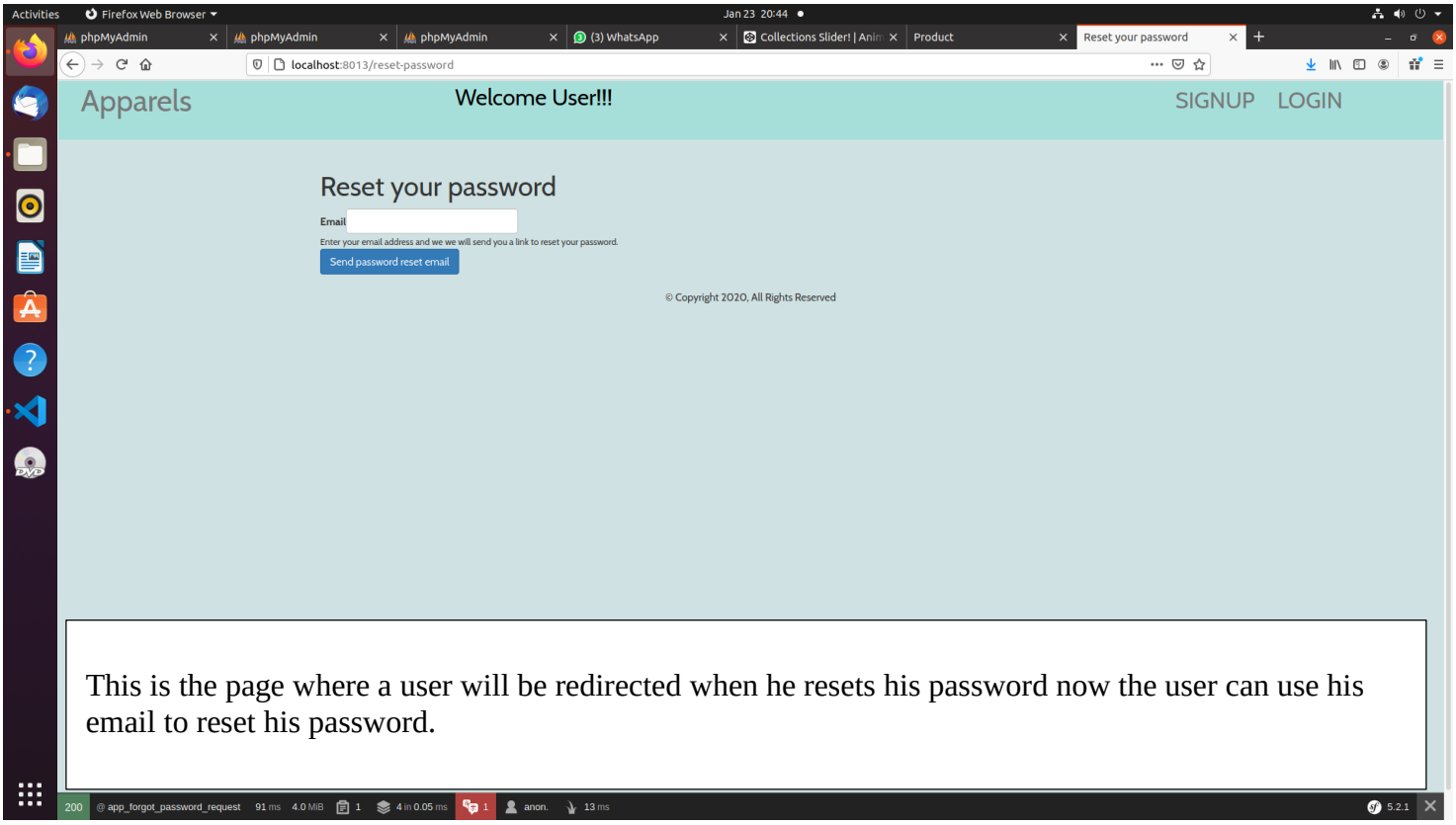
THE IDEA BEHIND THE REGISTRATION FORM

We will be taking user information such as First Name, Last Name, Date Of Birth and all other require information as well, and an email will be sent to the user whenever he is providing.

Login Page

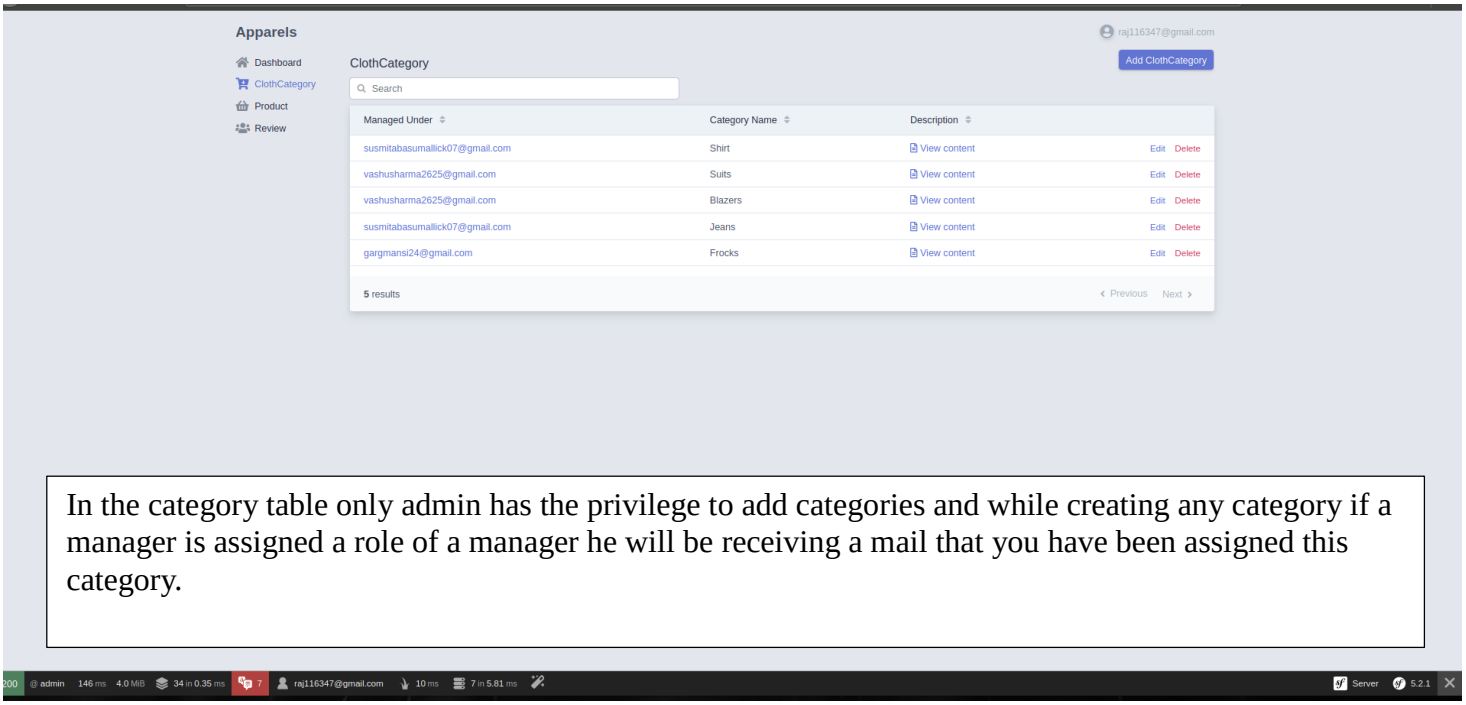


After registering from the email the user can use it to login in the web application.



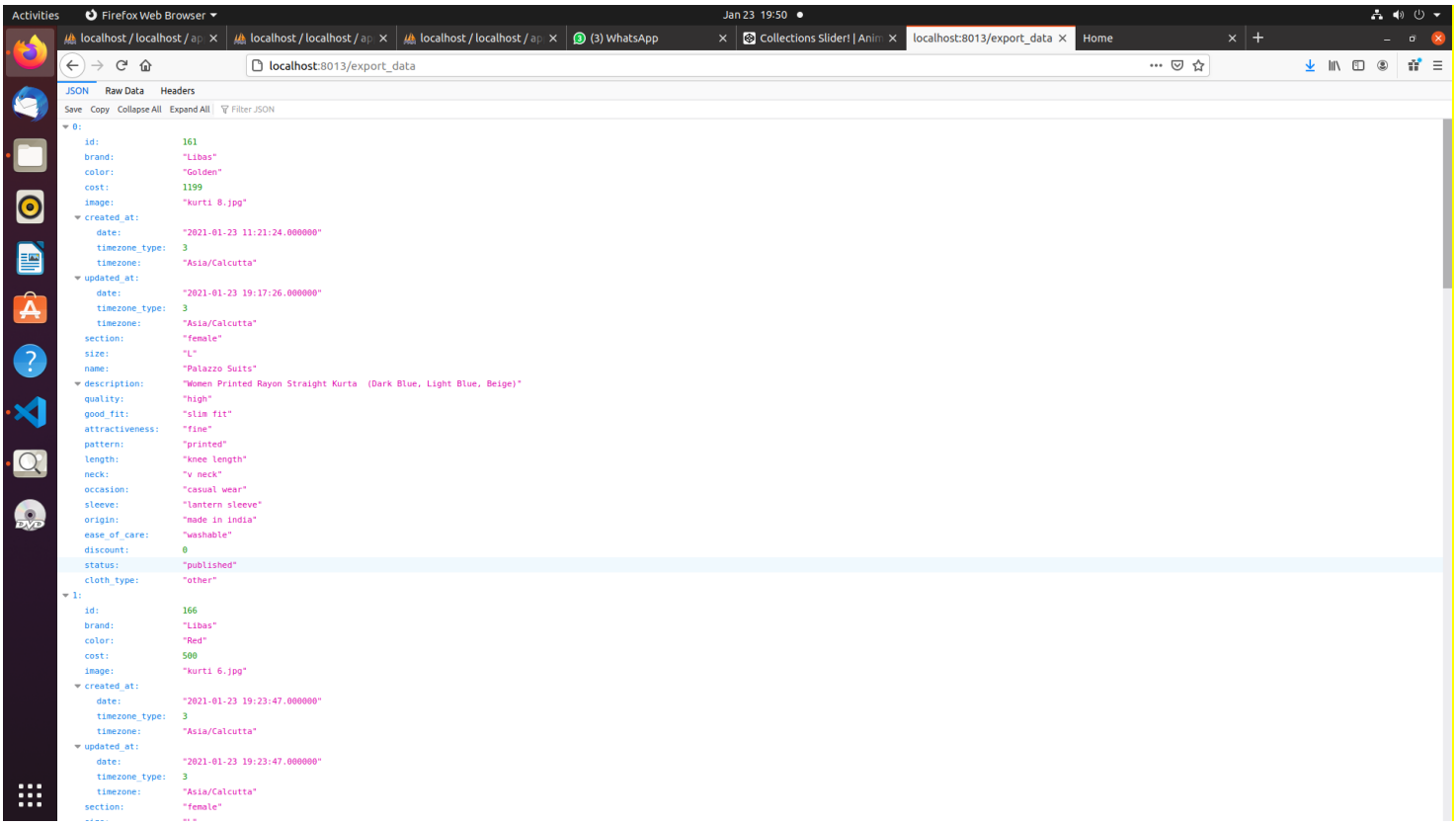
This is the page where a user will be redirected when he resets his password now the user can use his email to reset his password.

CLOTH CATEGORY UI



In the category table only admin has the privilege to add categories and while creating any category if a manager is assigned a role of a manager he will be receiving a mail that you have been assigned this category.

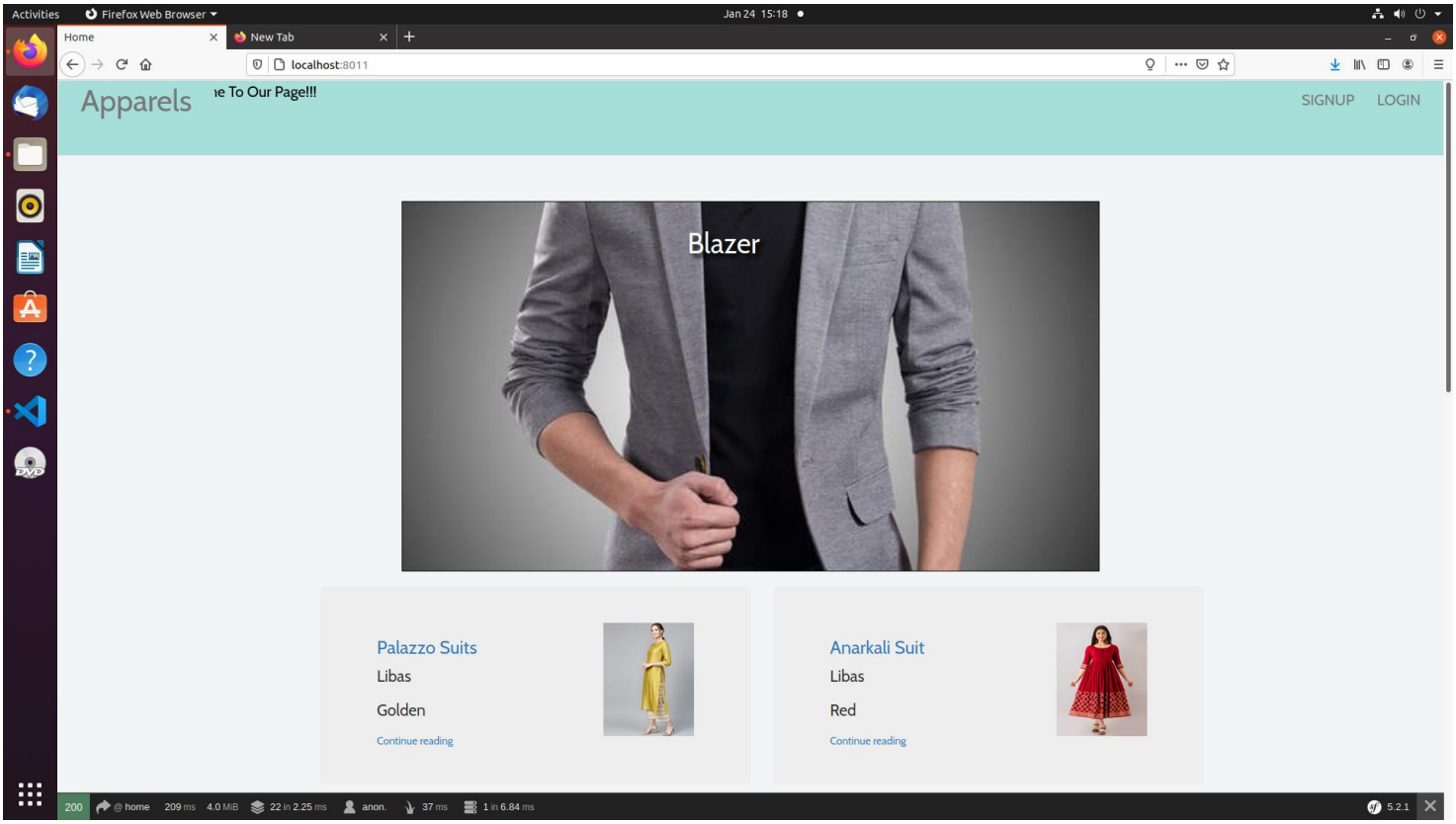
Export Function has been completed. The files will be exported in a Json format



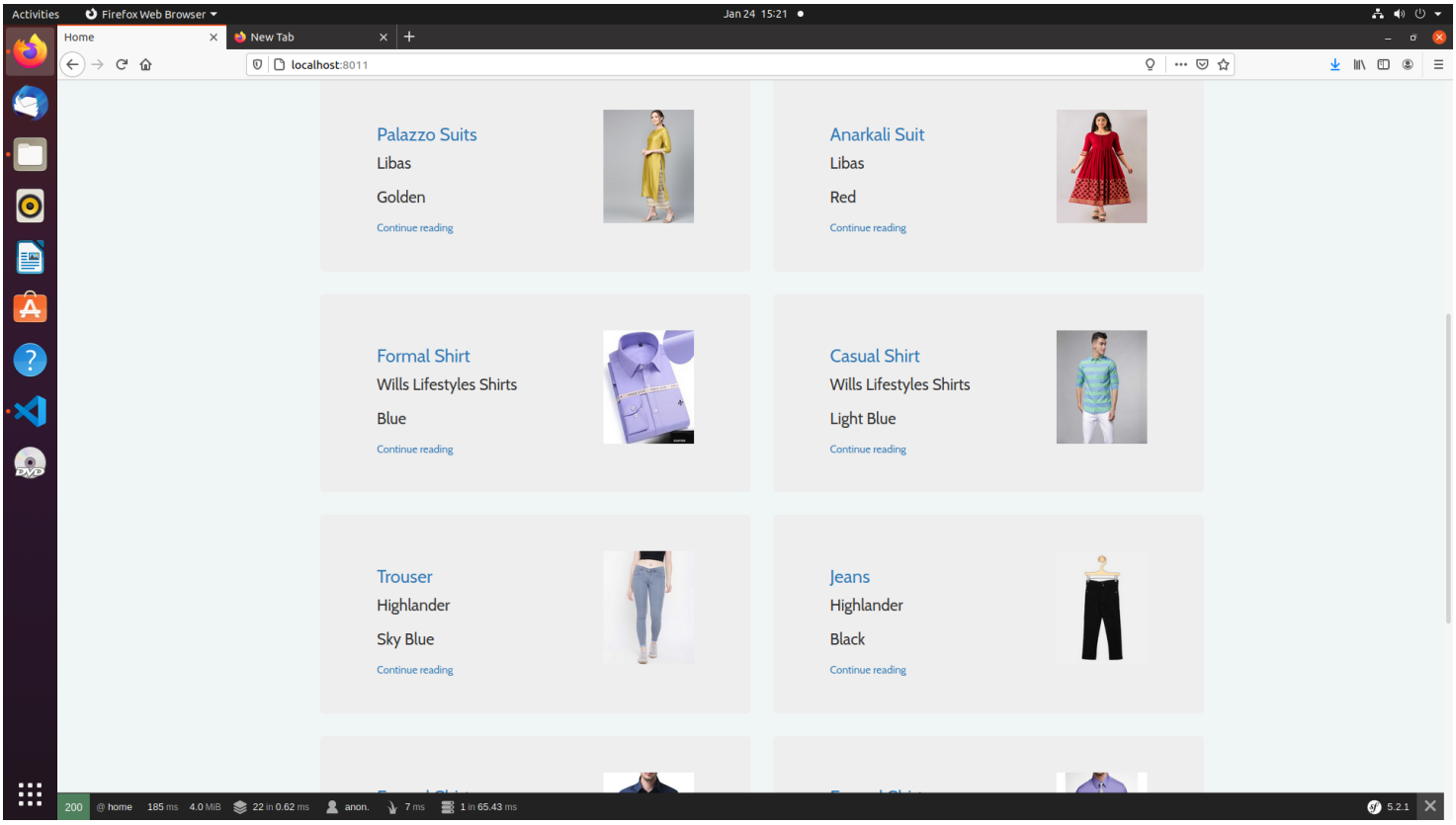
Work Completed on 23-JAN-2021

→ We have completed the export function and our files will return in a json format and we also have implemented Postman as well.
We also added some HTML,CSS part in our web application so it will look more elegant to the user.

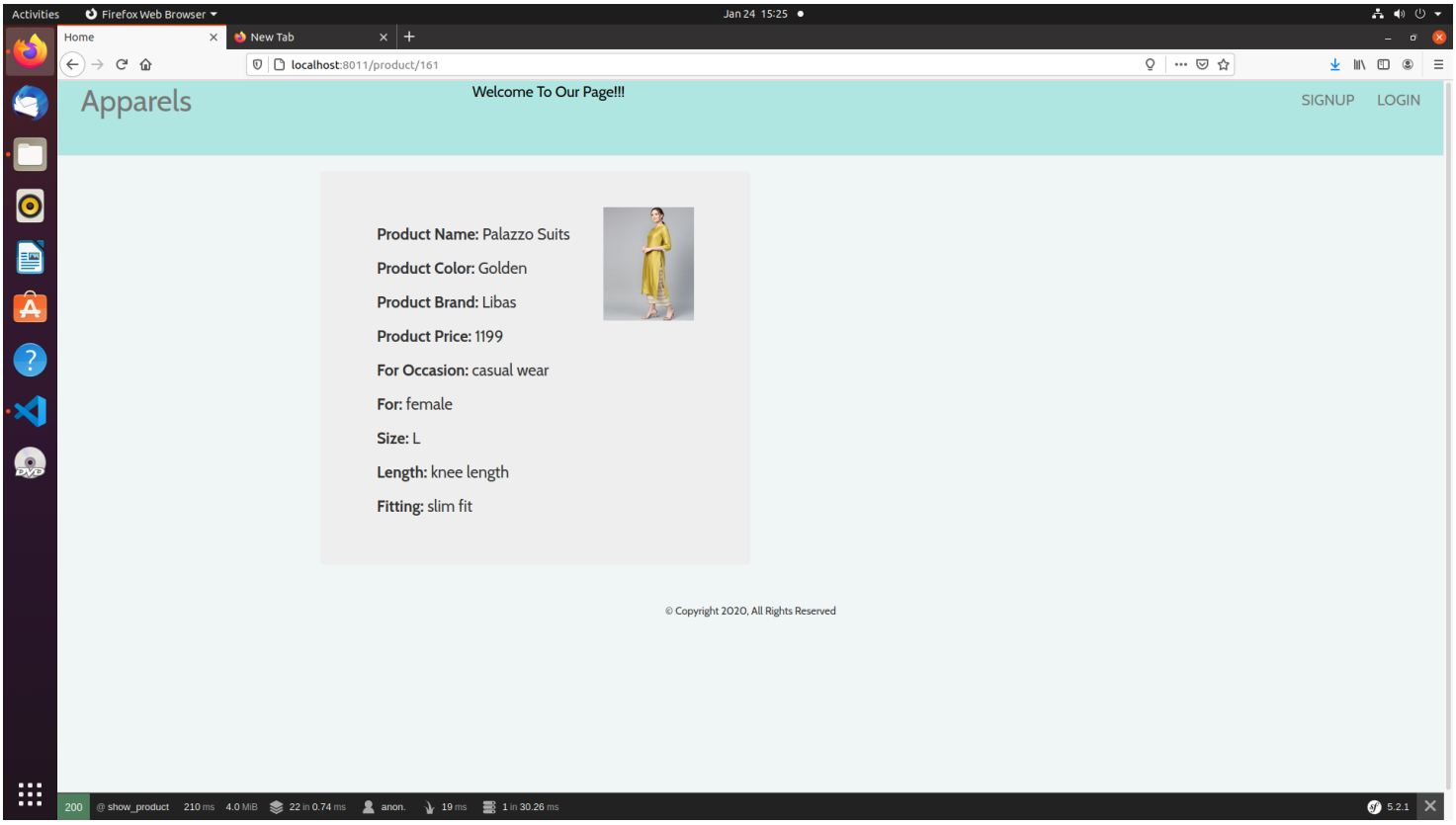
THE FINAL USER INTERFACE OF OUR WEB APPLICATION



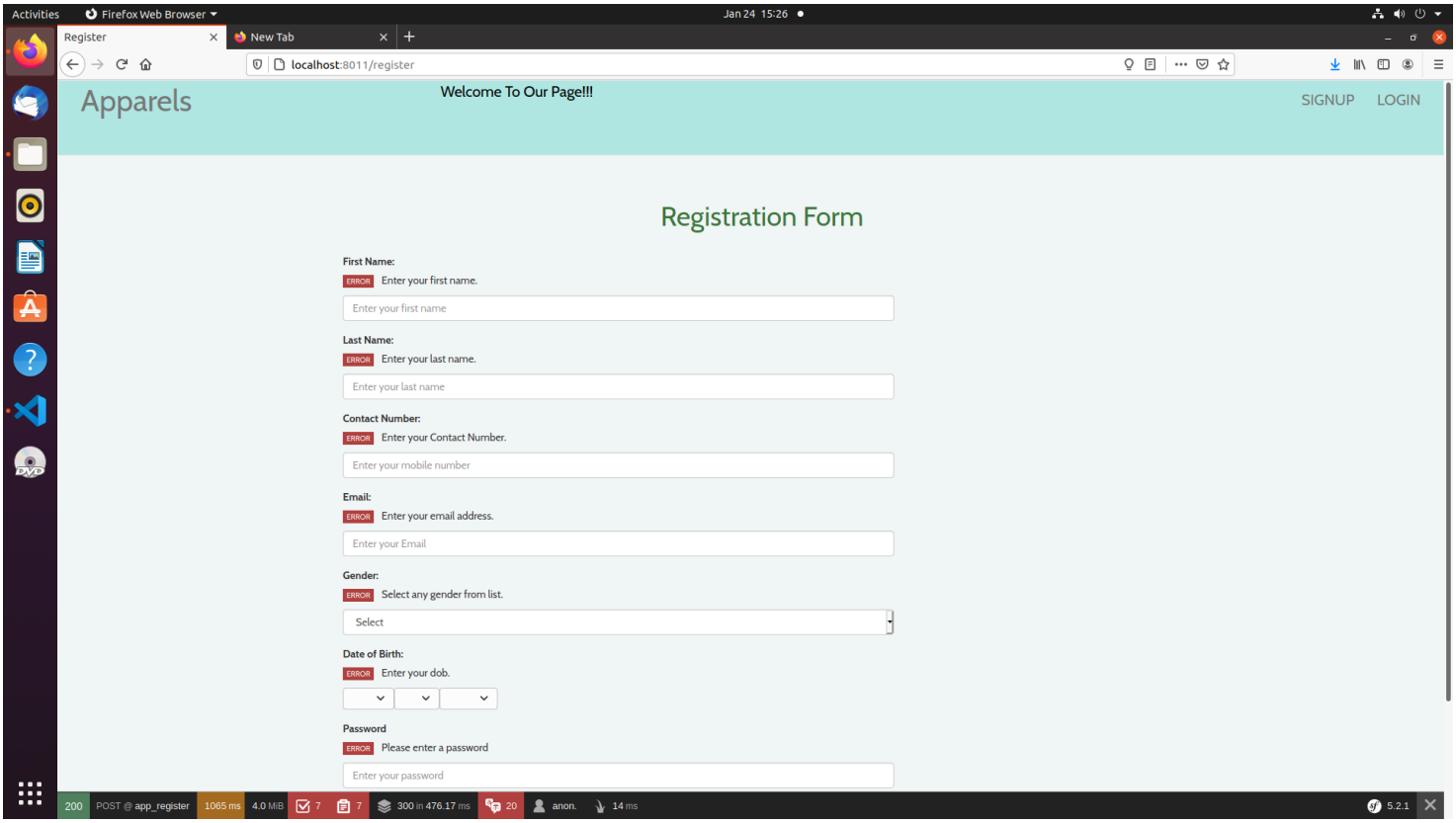
HOMEPAPGE



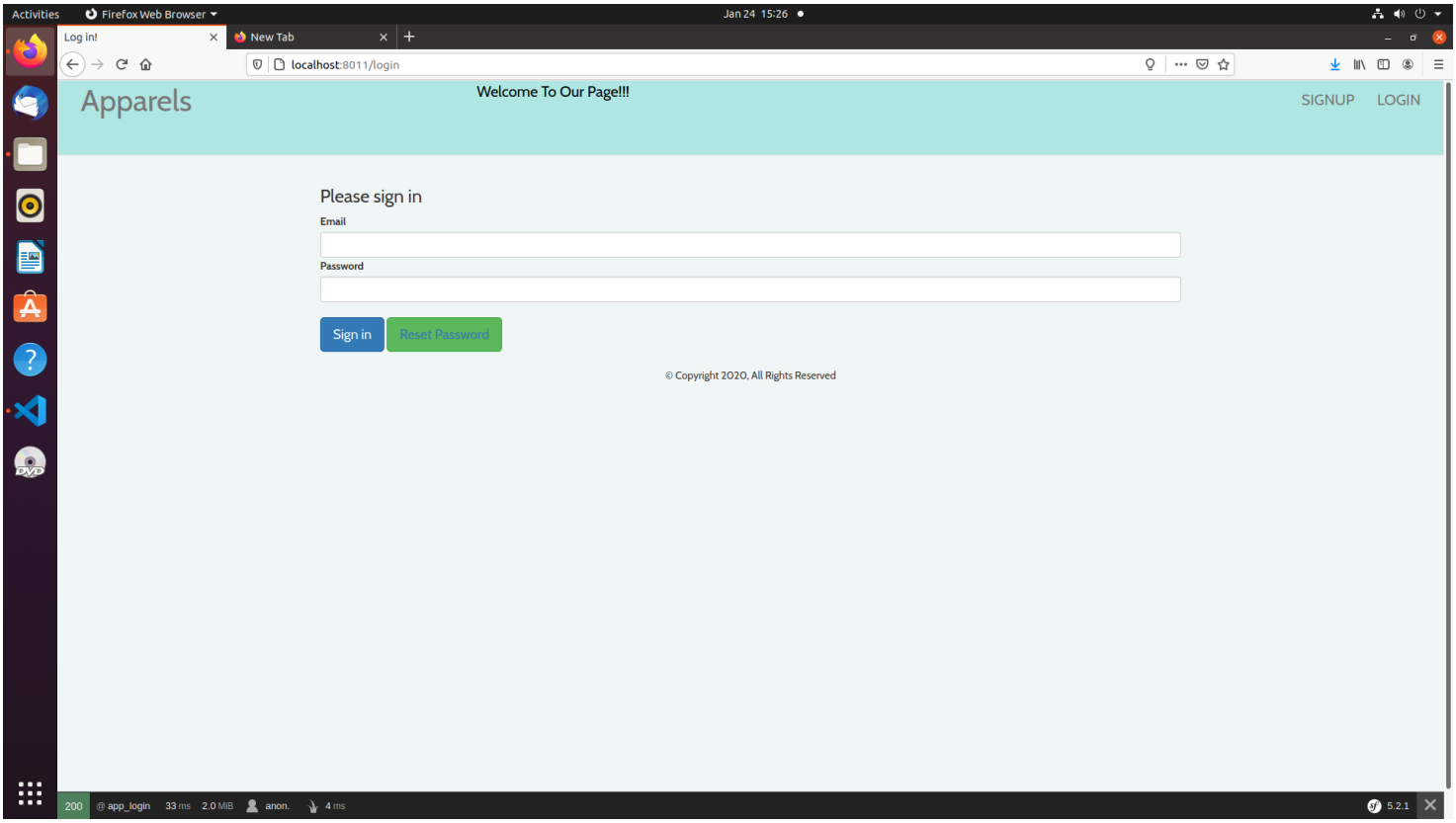
CONTINUTION OF HOMEPAGE



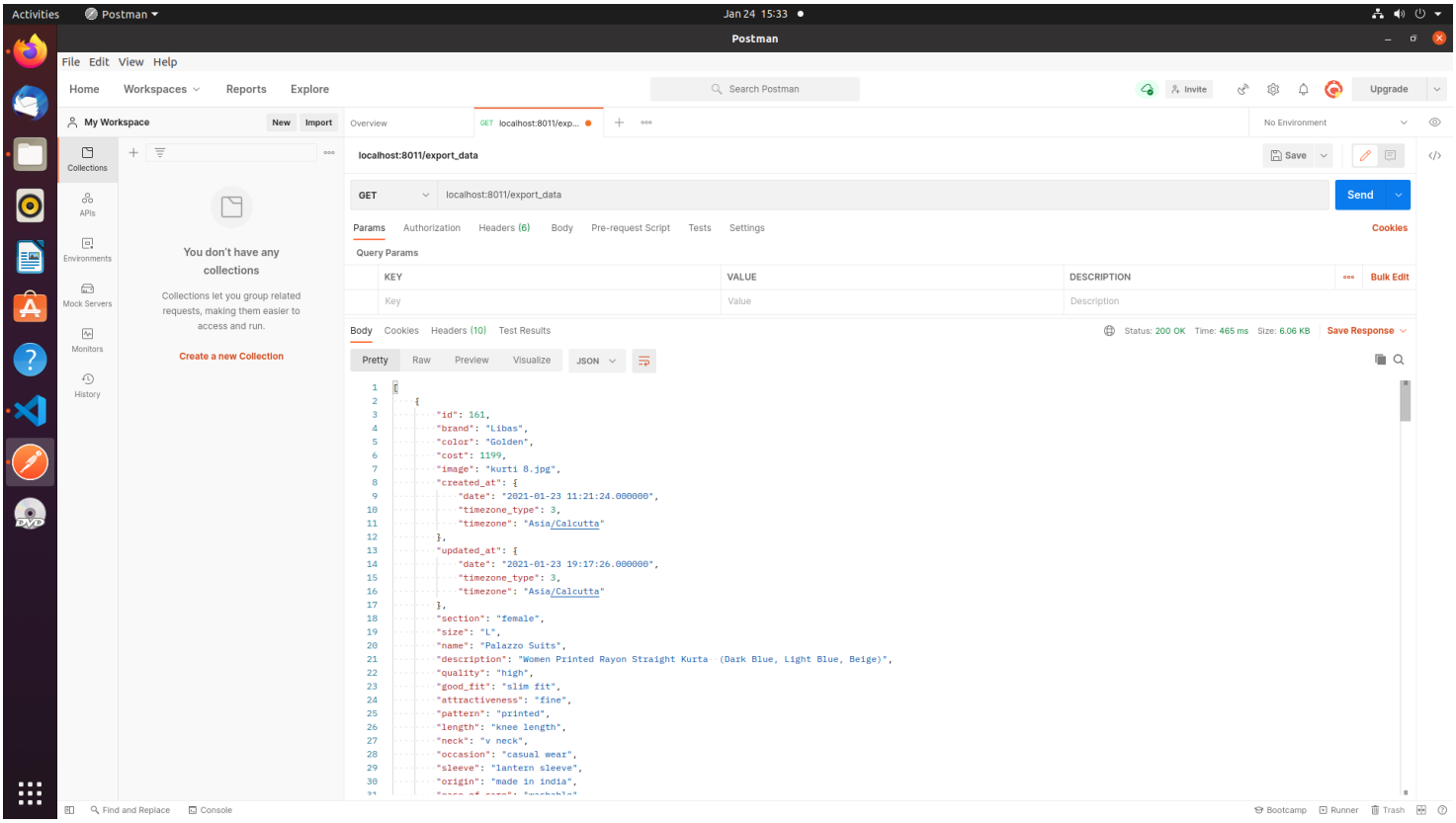
AFTER CLICKING THE CONTINUE BUTTON USER CAN READ DETAILS ABOUT THE PRODUCT AS WELL



ADDED VALIDATION IN THE REGISTRATION FORM AS WELL



IMPROVED THE UI FOR THE WEB APPLICATION



USED POSTMAN FOR DELIVRING OUR DATA THROUGH AN API