

SHOP FOR HOME

Online Shopping
Site



Group Members



GROUP 6

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Abstract



- **E-Commerce is process of doing business through internet.**
- **A user can easily access all the facilities of the Internet to buy the products.**
- **Unlike traditional commerce that is carried out physically with effort of a person to go & get products, ecommerce has made it easier for human to reduce physical work and to save time.**
- **User can browse online shops, compare prices and order merchandise sitting at home on their PC.**
- **To achieve this we used Java Full Stack to develop an ecommerce like system SHOP FOR HOME.**
- **We used angular for developing the frontend part and java spring boot for backend and to store the data we used MySQL.**



Introduction

- **ShopForHome is a popular Store in the market for shopping the home decor stuff.**
- **Online stores are usually available 24 hours a day, and consumers can buy their products from all over the world.**
- **After the pandemic, Consumers in emerging economies have made the greatest shift to online shopping.**



Problem Statement



- The Online Shopping is a web based application intended for online retailers. The main objective of this application is to make it interactive and its ease of use. It would make searching, viewing and selection of a product easier.
- Our existing system SHOP FOR HOME's main objective is to allow people to buy physical goods, services, and digital products over the internet. Through our SHOP FOR HOME website, a business can process orders, manage shipping and logistics, and provide customer service.
- This project provides an easy access to Administrators to view orders placed.

Functional Requirements



User Stories:-

- As a user I should be able to login, Logout and Register into the application.
- As a user I should be able to see the products in different categories.
- As a user I should be able to sort the products.
- As a user I should be able to add the products into the shopping cart.
- As a user I should be able to increase or decrease the quantity added in the cart.
- As a user I should be able to add “n” number of products in the cart.
- As a user I should be able to get the Wish list option where I can add those products which I want but don't want to order now.
- As a user I should get different discount coupons

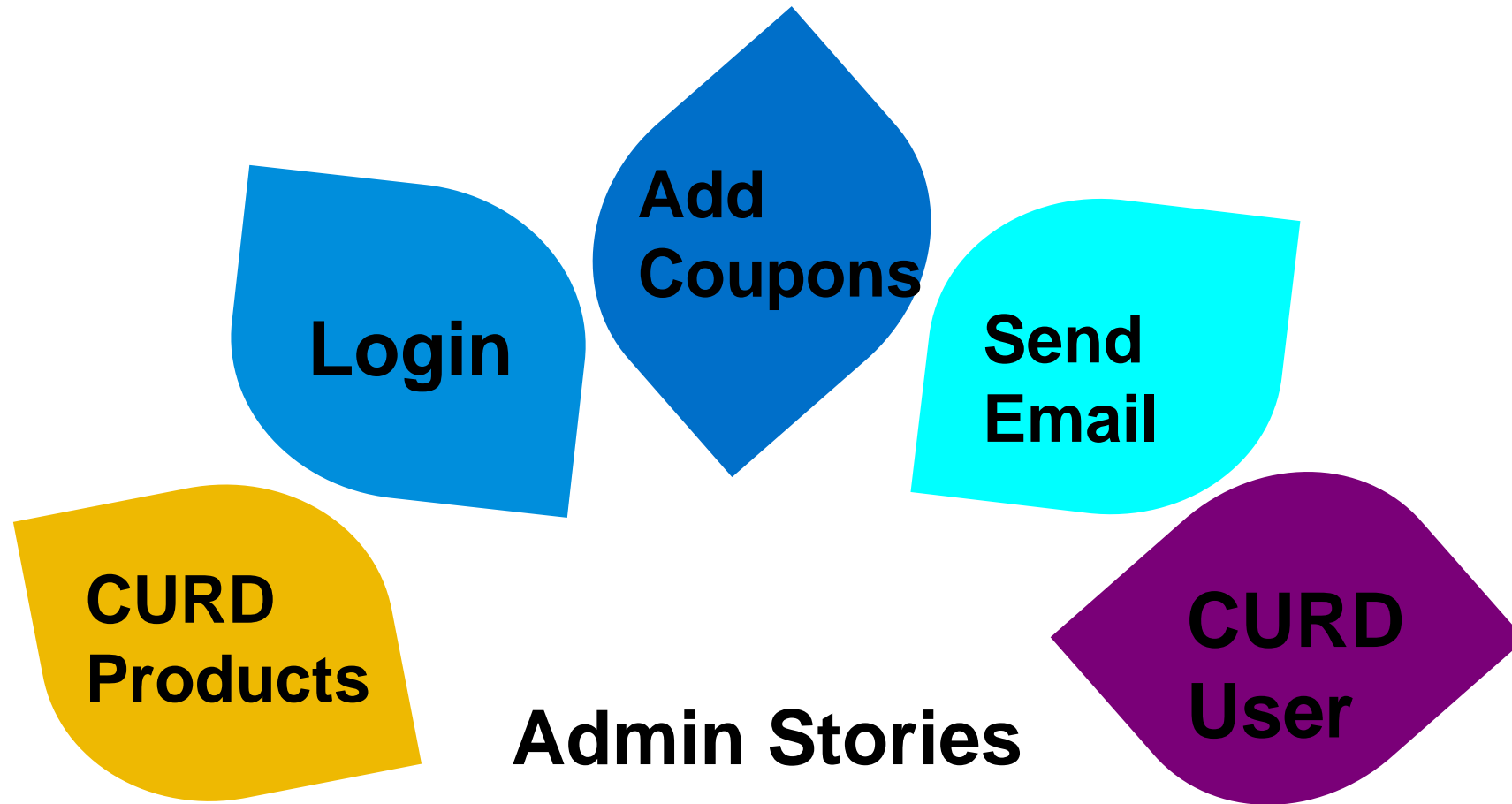


Functional Requirements



Admin Stories:-

- As an Admin I should be able to login, Logout and Register into the application.
- As an Admin I should be able to perform CRUD on Users.
- As an Admin I should be able to Perform CRUD on the products.
- As an Admin I should be able to get bulk upload option to upload a csv for products details
- As an Admin I should be able to get the stocks.
- As an Admin I should be able to mail if any stock is less than 10.
- As an Admin I should be able to get the sales report of a specific duration.
- As an Admin I should be able to set the discount coupons for the specific set of users .



Tools and Technology



Technology:-

- Angular
- Java Spring Boot
- MySQL

Tools:-

- Spring Tool Suite
- Visual Studio Code
- MySQL WorkBench

Technology



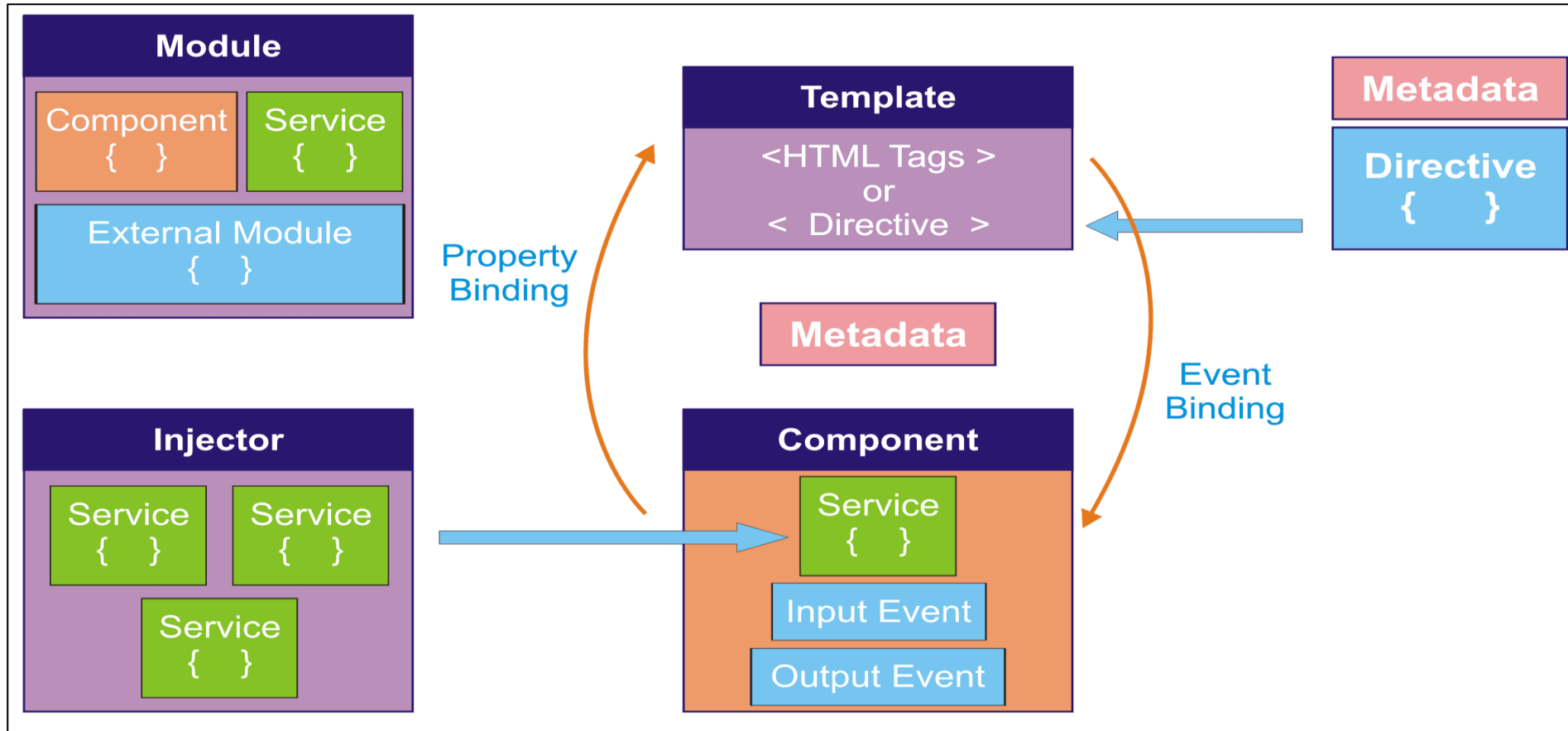
Frontend:-

- Angular
- Bootstrap

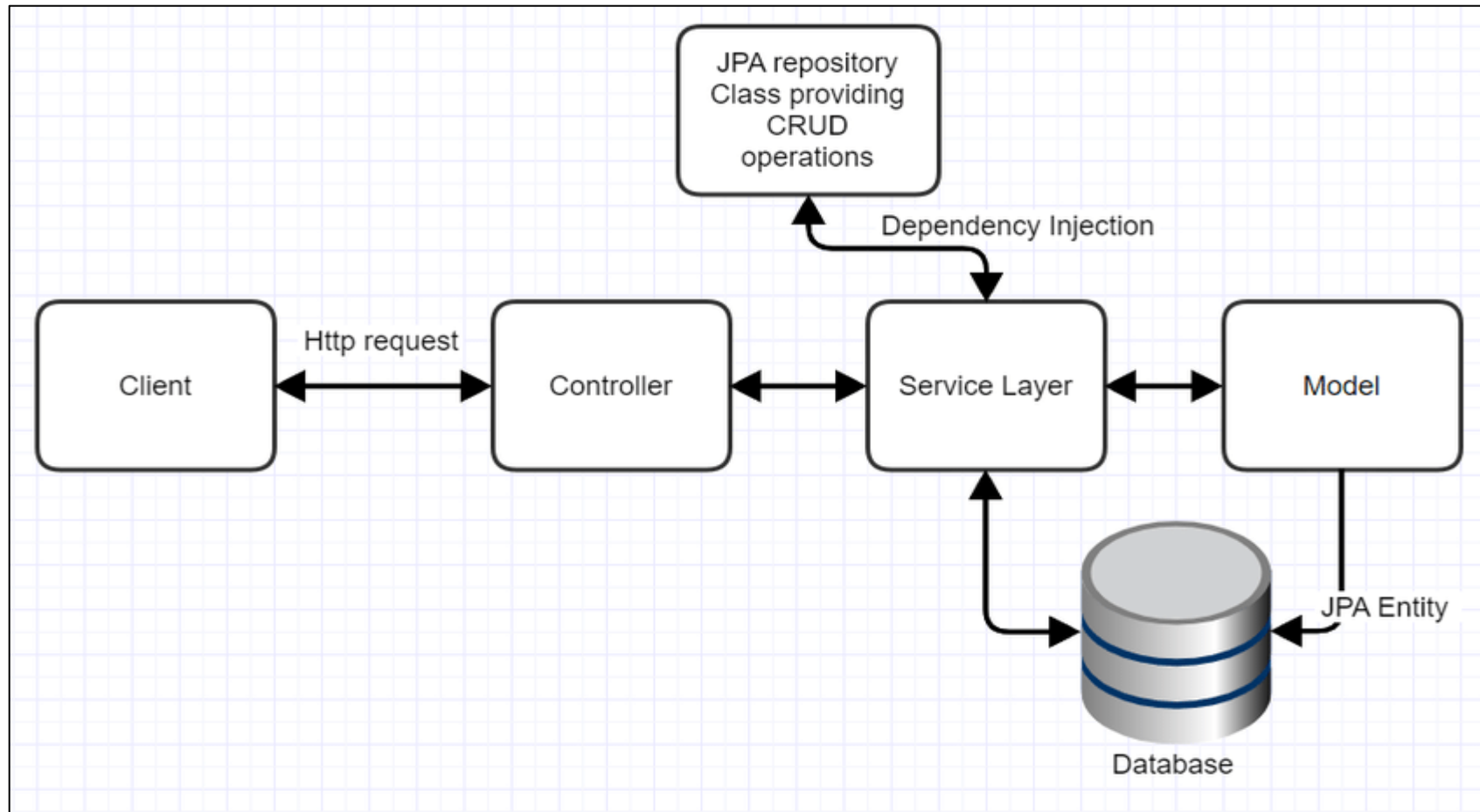
Backend:-

- Java
- Spring Boot
- Spring Security
- JWT
- JPA
- Spring Cloud Netflix
- MySQL

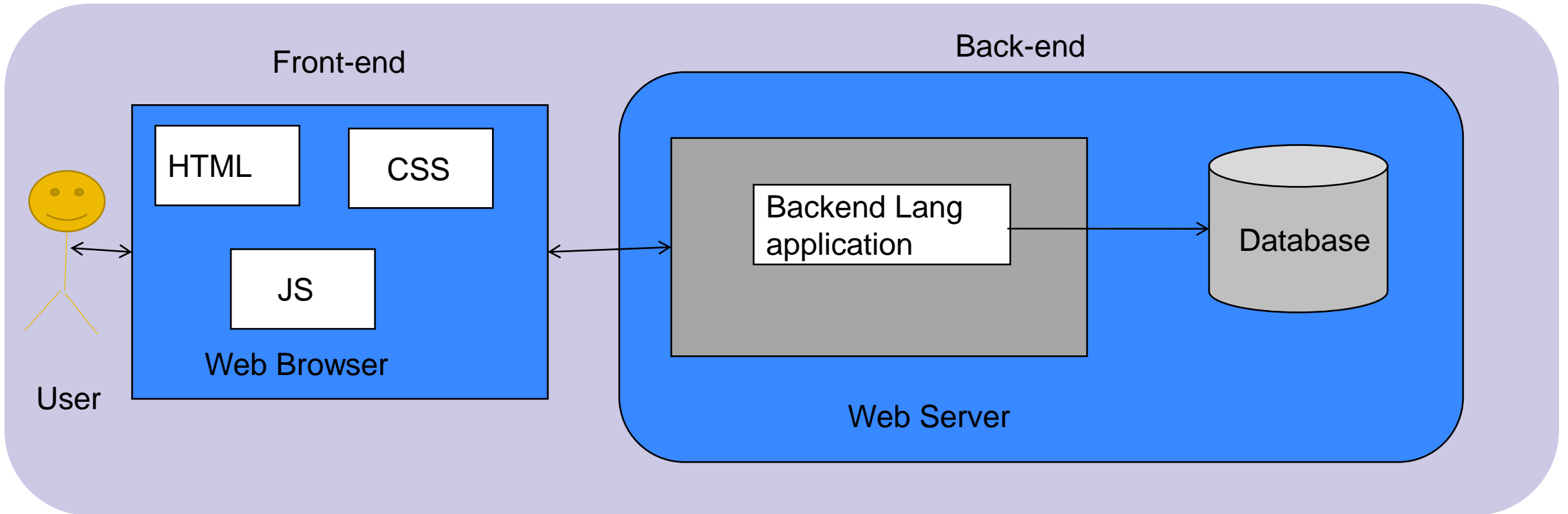
Angular Architecture



Spring Boot Architecture



Total Project View



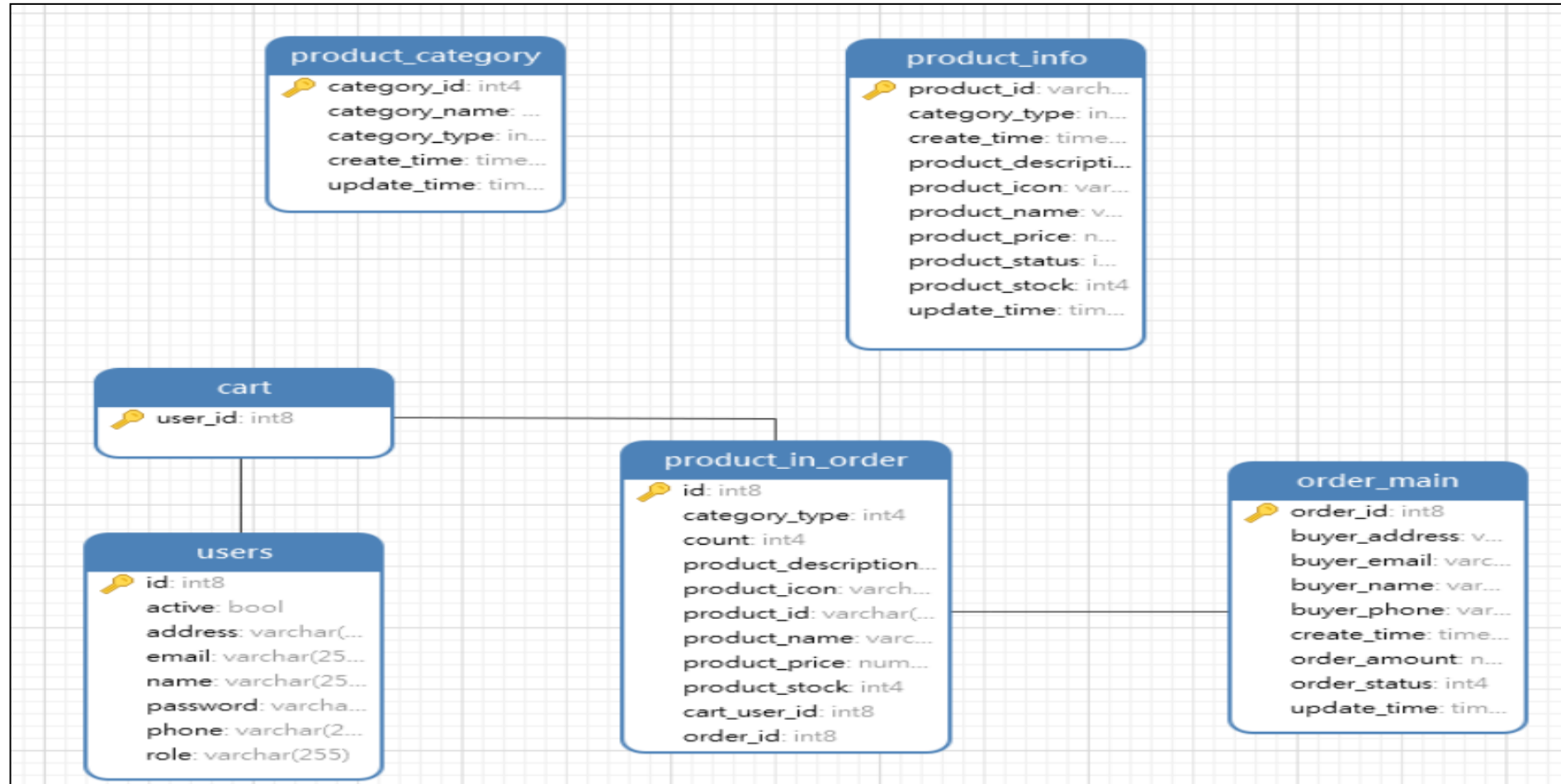
Database Architecture



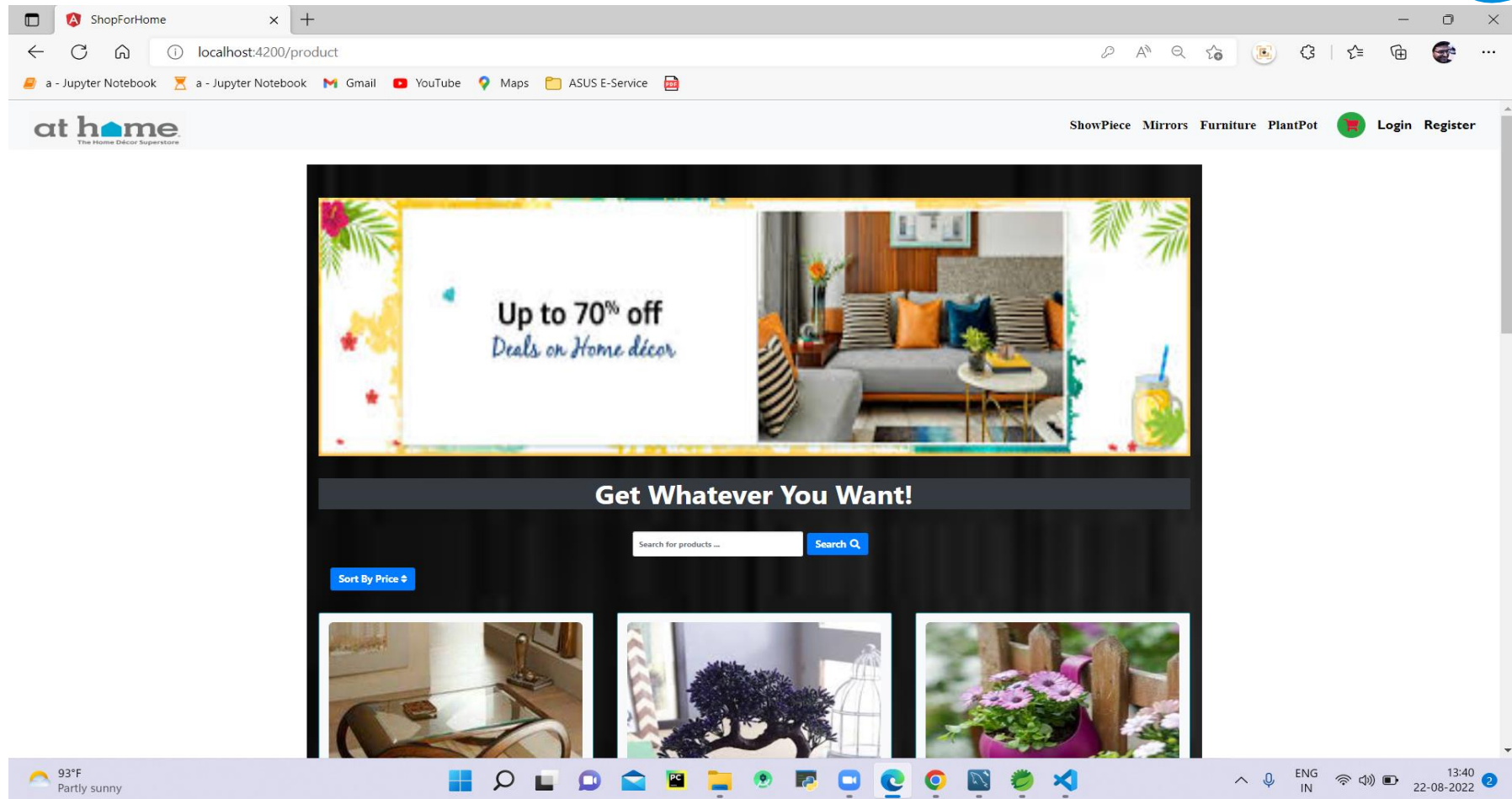
Entities in the Database:-

- Product_Category
- Product_info
- Cart
- Users
- Product_in_order
- Order_main
- Wishlist
- Discount

Database Schema



Web Application Images



Web Application Images

The screenshot displays a web browser window with the address bar showing 'localhost:4200/register'. The browser's tab is labeled 'ShopForHome'. The page features a header with the 'at home' logo and navigation links for 'ShowPiece', 'Mirrors', 'Furniture', 'PlantPot', 'Login', and 'Register'. The main content area is a 'Sign Up' form with a dark background. The form includes input fields for 'Email address', 'Name', 'Password', 'Phone', and 'Address', each with a placeholder text. A green 'Sign Up' button is at the bottom of the form. A link 'Already registered? click to login' is located to the right of the form. The browser's taskbar at the bottom shows the system clock as 13:40 on 22-08-2022, along with various application icons and a weather widget indicating 93°F and 'Partly sunny'.

ShopForHome

localhost:4200/register

a - Jupyter Notebook a - Jupyter Notebook Gmail YouTube Maps ASUS E-Service

at home The Home Décor Superstore

ShowPiece Mirrors Furniture PlantPot Login Register

Sign Up

Email address
Enter email

Name
Your name

Password
Password

Phone
Phone

Address
Address

Sign Up

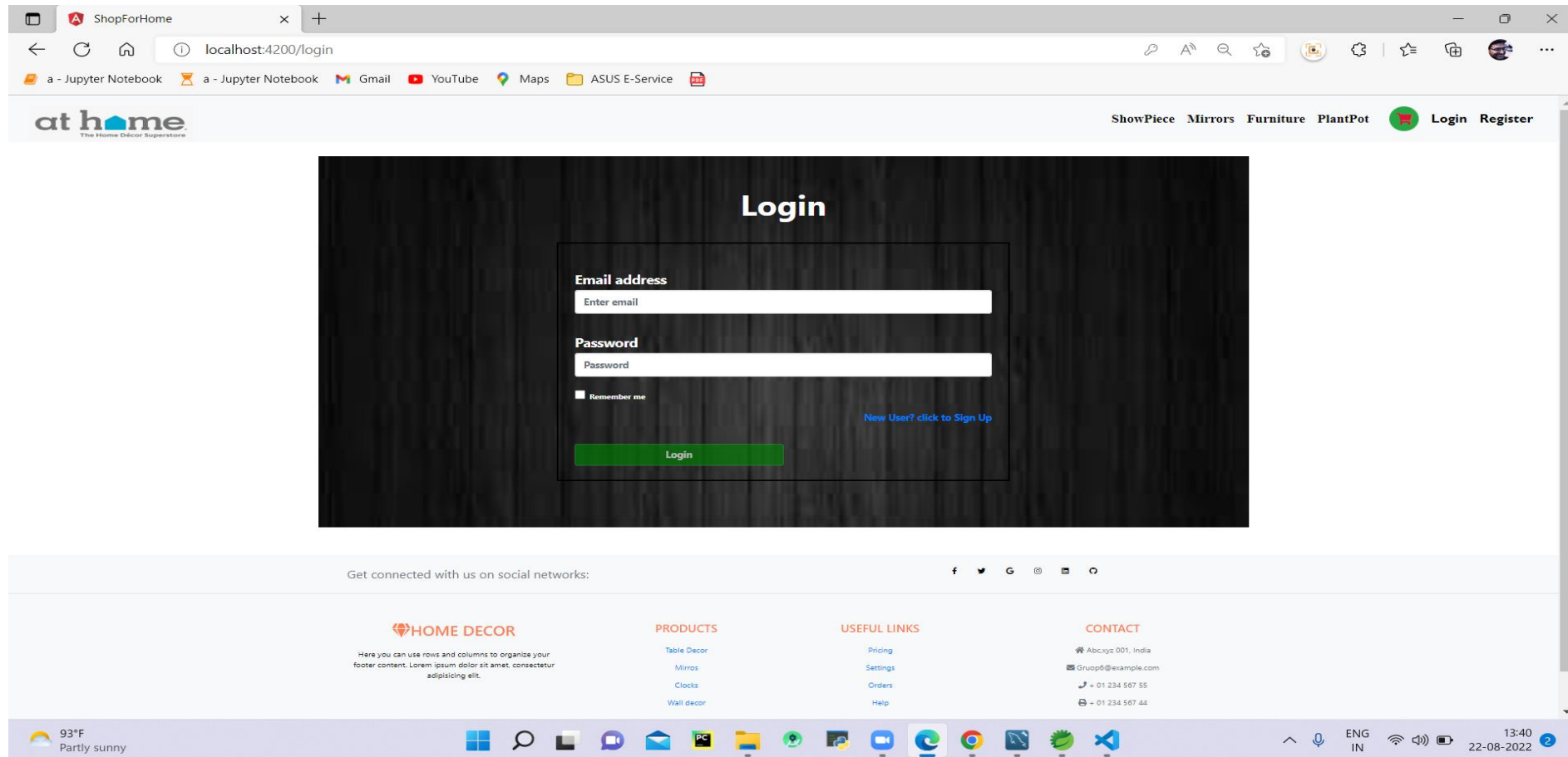
Already registered? click to login

Get connected with us on social networks:

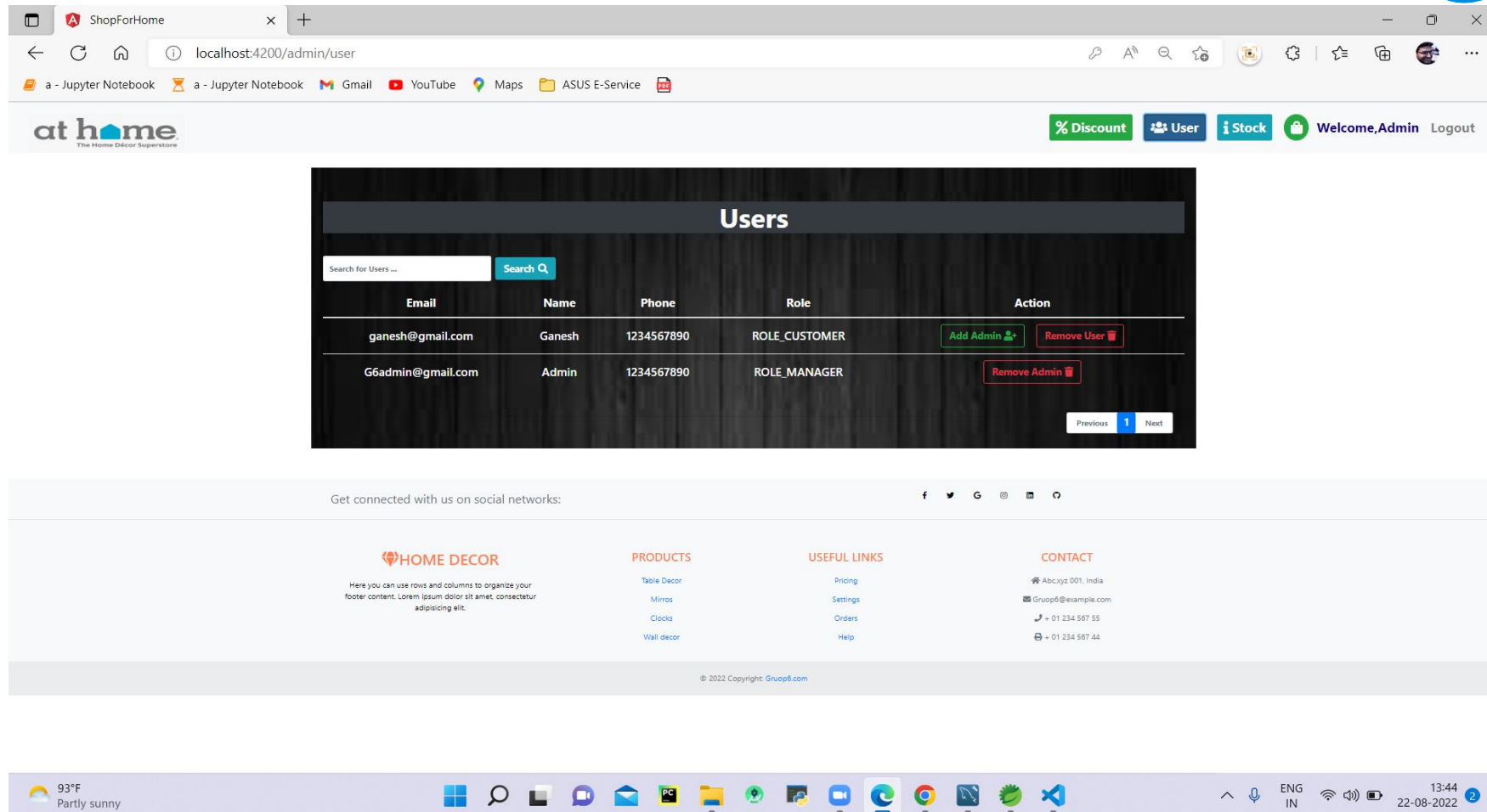
93°F Partly sunny

ENG IN 13:40 22-08-2022

Web Application Images



Web Application Images



Elastic Beanstalk

Elastic Beanstalk

Environments

Applications

Change history

▼ User service-env

Application versions

Saved configurations

► Userserviceenv-env

ⓘ AWS Graviton now supported

AWS Graviton, an arm64-based processor, can offer up to 40% better price performance over the comparable x86 processor. To upgrade to an arm64 instance type, choose it in the 'Capacity' settings in 'Additional configuration.'

Elastic Beanstalk > Environments > Userserviceenv-env

ⓘ Creating Userserviceenv-env

This will take a few minutes. .

10:12pm Service:AmazonCloudFormation, Message:User: arn:aws:sts:787298310710:federated-user/greatlearningco1657816485767 is not authorized to perform: cloudformation:DescribeStacks on resource: arn:aws:cloudformation:us-east-2:787298310710:stack/awseb-e-mkwtsaj3x8-stack/* because no identity-based policy allows the cloudformation:DescribeStacks action

10:12pm Failed to launch environment.

10:12pm Service:AmazonCloudFormation, Message:User: arn:aws:sts:787298310710:federated-user/greatlearningco1657816485767 is not authorized to perform: cloudformation:DescribeStackResource on resource: arn:aws:cloudformation:us-east-2:787298310710:stack/awseb-e-mkwtsaj3x8-stack/* because no identity-based policy allows the cloudformation:DescribeStackResource action

10:12pm Using elasticbeanstalk-us-east-2-787298310710 as Amazon S3 storage bucket for environment data.

10:12pm createEnvironment is starting.

Environment is launching

Elastic Beanstalk is creating your environment, and provisioning the resources needed to run your application. This might take awhile.

When environment creation is complete, the console will transition to the environment overview.

Learn more

[Environment dashboard](#)

[AWS Elastic Beanstalk concepts](#)

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S3 Buckets

Amazon S3

Buckets

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

Access analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight 3

AWS Marketplace for S3

We're continuing to improve the S3 console to make it faster and easier to use. If you have feedback on the updated experience, choose **Provide feedback**.

Successfully created bucket "nghome"
To upload files and folders, or to configure additional bucket settings choose **View details**.

Store your archive datasets in the low-cost Amazon S3 Glacier storage classes.
View tutorial

Amazon S3 > Buckets

Account snapshot

Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

View Storage Lens dashboard

Buckets (2) Info

Refresh

Copy ARN

Empty

Delete

Create bucket

Find buckets by name

< 1 > ⚙

	Name ▲	AWS Region ▼	Access ▼	Creation date ▼
<input type="radio"/>	elasticbeanstalk-us-east-2-787298310710	US East (Ohio) us-east-2	Objects can be public	July 14, 2022, 22:10:34 (UTC+05:30)
<input type="radio"/>	nghome	US East (Ohio) us-east-2	Objects can be public	July 14, 2022, 22:17:58 (UTC+05:30)

Feedback

Looking for language selection? Find it in the new [Unified Settings](#)

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Upload file to S3 Buckets



We're continuing to improve the S3 console to make it faster and easier to use. If you have feedback on the updated experience, choose [Provide feedback](#).

[Provide feedback](#)

[Amazon S3](#) > [Buckets](#) > [nghome](#) > Upload

Upload [Info](#)

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)

Drag and drop files and folders you want to upload here, or choose **Add files**, or **Add folders**.

Files and folders (2 Total, 438.1 KB)

[Remove](#)[Add files](#)[Add folder](#)

All files and folders in this table will be uploaded.




< 1 >

<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	.package-lock.json	-	application/json	423.4 KB
<input type="checkbox"/>	__ngcc_entry_points__.json	-	application/json	14.7 KB

Destination


Destination
c3-//nghome

Upload Status

 We're continuing to improve the S3 console to make it faster and easier to use. If you have feedback on the updated experience, choose [Provide feedback](#). [Provide feedback](#)  

Amazon S3 > Buckets > nghome > Upload

Upload [Info](#)

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#) 

Drag and drop files and folders you want to upload here, or choose **Add files**, or **Add folders**.

Files and folders (2 Total, 438.1 KB) [Remove](#) [Add files](#) [Add folder](#)

All files and folders in this table will be uploaded.

< 1 >

<input type="checkbox"/>	Name ▲	Folder ▼	Type ▼	Size ▼
<input type="checkbox"/>	.package-lock.json	-	application/json	423.4 KB
<input type="checkbox"/>	__ngcc_entry_points_.json	-	application/json	14.7 KB

Destination

Destination
c3:/Inhome

25

Website hosting

The screenshot displays the Amazon S3 console interface. On the left is a navigation sidebar with sections: Buckets (containing Access Points, Object Lambda Access Points, Multi-Region Access Points, Batch Operations, and Access analyzer for S3), Storage Lens (containing Dashboards and AWS Organizations settings), Feature spotlight (with a count of 3), and AWS Marketplace for S3. The main content area shows the breadcrumb path: Amazon S3 > Buckets > nghome > Edit static website hosting. The title 'Edit static website hosting' is followed by an 'Info' link. Below this, the 'Static website hosting' section includes a description and a 'Learn more' link. It features two radio buttons: 'Disable' and 'Enable' (which is selected). Under 'Hosting type', there are two options: 'Host a static website' (selected) and 'Redirect requests for an object'. An information box at the bottom states that content must be publicly readable for website access. The footer contains a 'Feedback' link, a language selection prompt, a link to 'Unified Settings', and copyright information for 2022 Amazon Internet Services Private Ltd. or its affiliates, along with links for Privacy, Terms, and Cookie preferences.

Amazon S3

We're continuing to improve the S3 console to make it faster and easier to use. If you have feedback on the updated experience, choose **Provide feedback**.

Provide feedback

Amazon S3 > Buckets > nghome > Edit static website hosting

Edit static website hosting [Info](#)

Static website hosting
Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting

☐ Disable

☒ Enable

Hosting type

☒ Host a static website
Use the bucket endpoint as the web address. [Learn more](#)

☐ Redirect requests for an object
Redirect requests to another bucket or domain. [Learn more](#)

Info For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see [Using Amazon S3 Block Public Access](#)

Index document

[Feedback](#) Looking for language selection? Find it in the new [Unified Settings](#)

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EC2 instance

New EC2 Experience
Tell us what you think

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

▼ Instances

Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Capacity Reservations

▼ Images

AMIs New

AMI Catalog

EC2 > Instances > i-07e2afe1e3f5c6a71

Instance summary for i-07e2afe1e3f5c6a71 (instance) Info

Updated less than a minute ago

Instance ID

i-07e2afe1e3f5c6a71 (instance)

IPv6 address

—

Hostname type

IP name: ip-10-0-0-225.us-east-2.compute.internal

Answer private resource DNS name

IPv4 (A)

Auto-assigned IP address

3.144.7.87 [Public IP]

IAM Role

Public IPv4 address

3.144.7.87 | [open address](#)

Instance state

Running

Private IP DNS name (IPv4 only)

ip-10-0-0-225.us-east-2.compute.internal

Instance type

t2.micro

VPC ID

vpc-01ea729f9c9e309e6 (myvpc)

Subnet ID

Private IPv4 addresses

ec2-3-144-7-87.us-east-2.compute.amazonaws.com | [open address](#)

Elastic IP addresses

—

AWS Compute Optimizer finding

✖

User: arn:aws:sts::787298310710:federated-user/greatlearningco1657816485767 is not authorized to perform: compute-optimizer:GetEnrollmentStatus on resource: * because no identity-based policy allows the compute-optimizer:GetEnrollmentStatus action

[Retry](#)

Auto Scaling Group name

Connect

Instance state ▼

Actions ▼

Public IPv4 DNS copied

Feedback

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key.pem

^

Show all

×

CONNECTION

```
ubuntu@ip-10-0-0-58: ~  
login as: ubuntu  
Authenticating with public key "imported-openssh-key"  
Welcome to Ubuntu 20.04.4 LTS (GNU/Linux 5.13.0-1029-aws x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:       https://ubuntu.com/advantage  
  
System information as of Sat Jul  9 07:53:04 UTC 2022  
  
System load:  0.29           Processes:            107  
Usage of /:   33.2% of 7.58GB Users logged in:          1  
Memory usage: 58%           IPv4 address for eth0: 10.0.0.58  
Swap usage:   0%  
  
* Ubuntu Pro delivers the most comprehensive open source security and  
  compliance features.  
  
  https://ubuntu.com/aws/pro  
  
42 updates can be applied immediately.  
26 of these updates are standard security updates.  
To see these additional updates run: apt list --upgradable  
  
Last login: Sat Jul  9 07:20:29 2022 from 223.196.171.255  
ubuntu@ip-10-0-0-58:~$ sudo apt-get update  
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal InRelease  
Hit:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates InRelease  
Hit:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-backports InRelease  
Hit:4 http://security.ubuntu.com/ubuntu focal-security InRelease  
Reading package lists... Done  
ubuntu@ip-10-0-0-58:~$
```

CONNECTION

```
ubuntu@ip-10-0-0-58: ~  
login as: ubuntu  
Authenticating with public key "imported-openssh-key"  
Welcome to Ubuntu 20.04.4 LTS (GNU/Linux 5.13.0-1029-aws x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:        https://ubuntu.com/advantage  
  
System information as of Sat Jul  9 07:53:04 UTC 2022  
  
System load:  0.29           Processes:            107  
Usage of /:   33.2% of 7.58GB Users logged in:          1  
Memory usage: 58%           IPv4 address for eth0: 10.0.0.58  
Swap usage:   0%  
  
* Ubuntu Pro delivers the most comprehensive open source security and  
  compliance features.  
  
  https://ubuntu.com/aws/pro  
  
42 updates can be applied immediately.  
26 of these updates are standard security updates.  
To see these additional updates run: apt list --upgradable  
  
Last login: Sat Jul  9 07:20:29 2022 from 223.196.171.255  
ubuntu@ip-10-0-0-58:~$ sudo apt-get update  
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal InRelease  
Hit:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates InRelease  
Hit:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-backports InRelease  
Hit:4 http://security.ubuntu.com/ubuntu focal-security InRelease  
Reading package lists... Done  
ubuntu@ip-10-0-0-58:~$
```

Advantages of this project



- Save Time – With in couple of minutes, you can buy your shopping orders, which can save time.
- Save Energy – In online shopping, you do not need to waste your precious energy when buying.



THANK YOU