INTRODUCTION

Welcome to the comprehensive guide for deploying your **Travel Adventures website onAmazon Web Services (AWS) using a Windows operating system.** This documentation is your go-to resource for a smooth and efficient transition of yourPHP application from a local development environment to a robust, production- ready state on the AWS cloud.

The Significance of Cloud Deployment

In today's dynamic digital landscape, the cloud has become an indispensable ally for developers and businesses seeking to harness the power of scalable and reliable infrastructure. Cloud platforms like AWS offer a myriad of services, enabling the deployment of applications with unparalleled flexibility, security, and performance.

Unleashing AWS Potential for PHP Applications

AWS provides a feature-rich environment that empowers developers to focus on crafting exceptional user experiences while the underlying infrastructure is seamlessly managed. For PHP applications, AWS offers a tailored ecosystem that not only simplifies deployment but also enhances the application's scalability and resilience.

Key Features to Leverage:

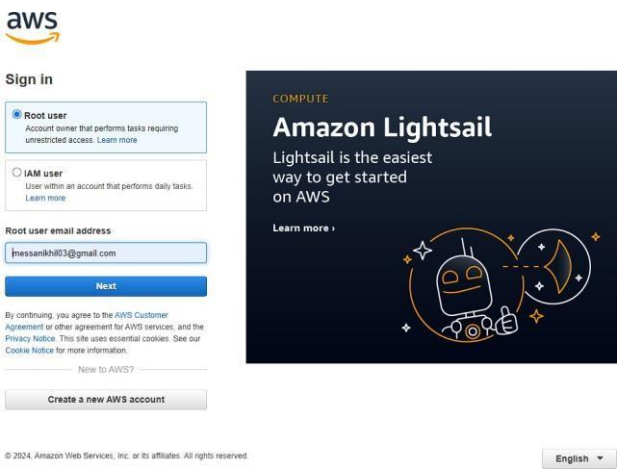
Amazon EC2 Instances: Virtual servers in the cloud, allowing you to run PHP applications with complete control over the server's configuration.

Internet Information Services (IIS): A powerful web server that, when coupled with PHP, forms a robust foundation for hosting dynamic websites.

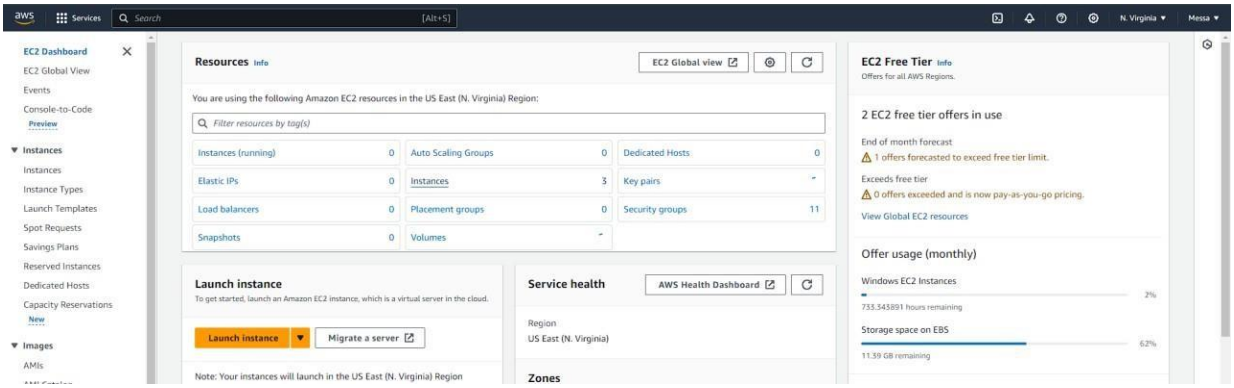
Amazon RDS: A managed relational database service that simplifies database setup, management, and scaling.

Steps

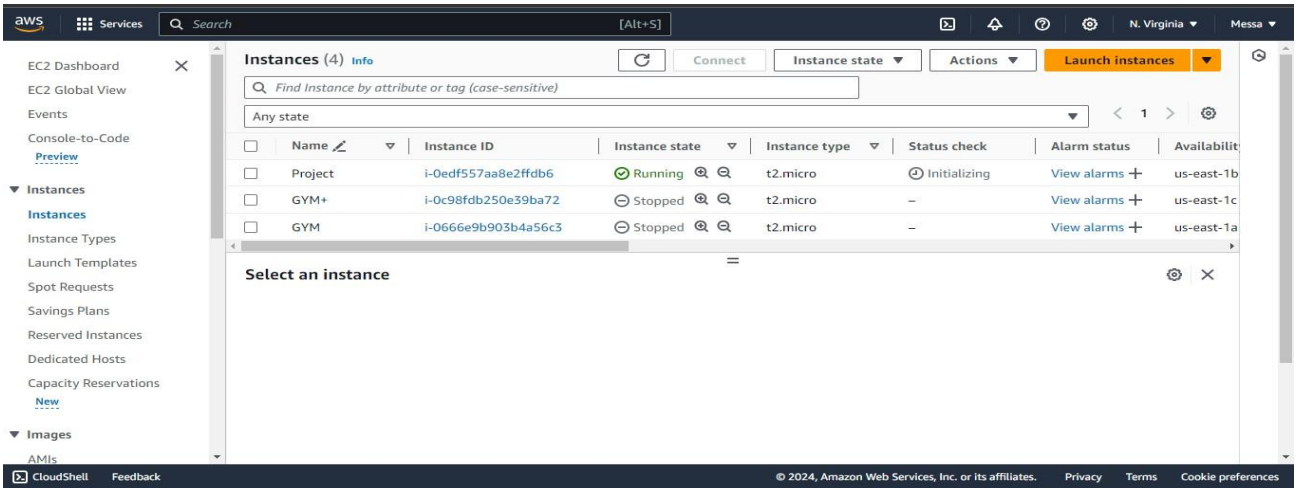
Step1: Create an account in AWS cloud and fill all the necessary information for the login and add debit card details for the further process.



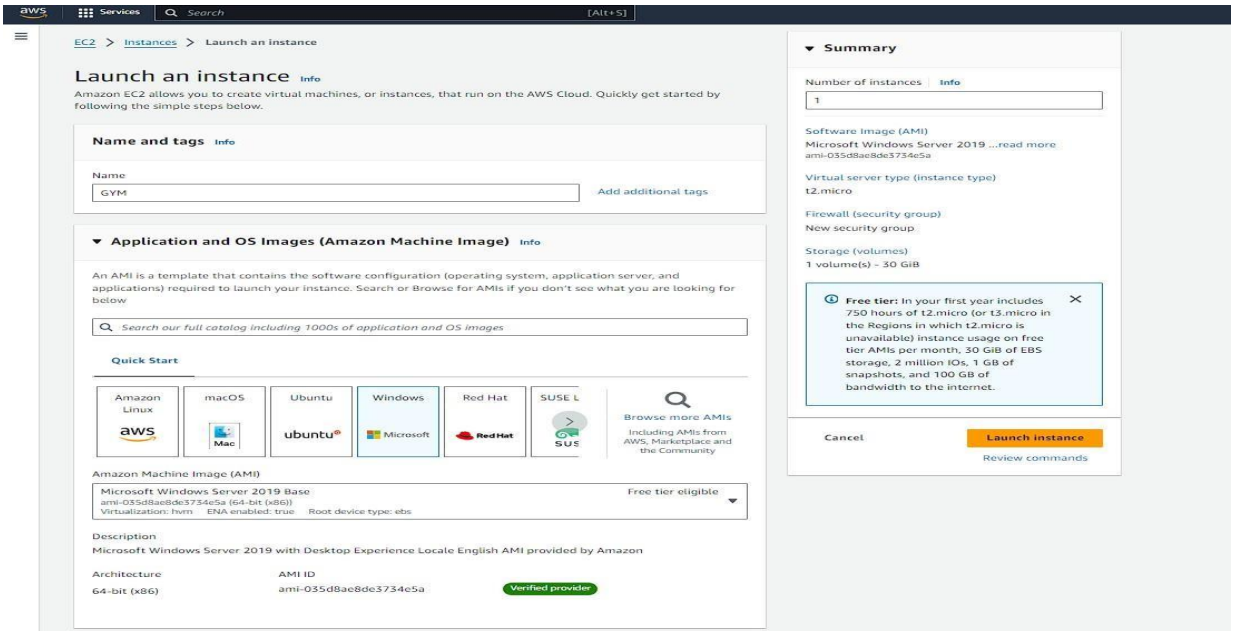
Step2: Go to services and search EC2 and then click on instance running>>launch instance.



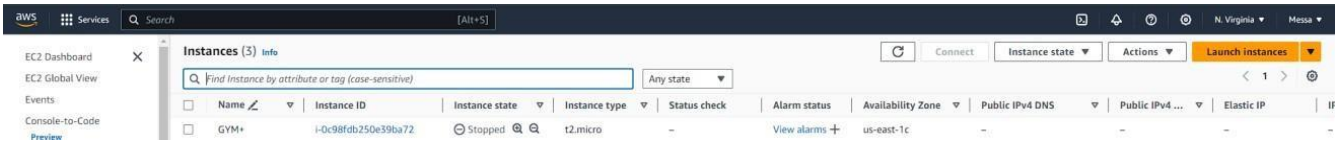
Step 3: Go to services and search EC2 and then click on instance running>>launchinstance.



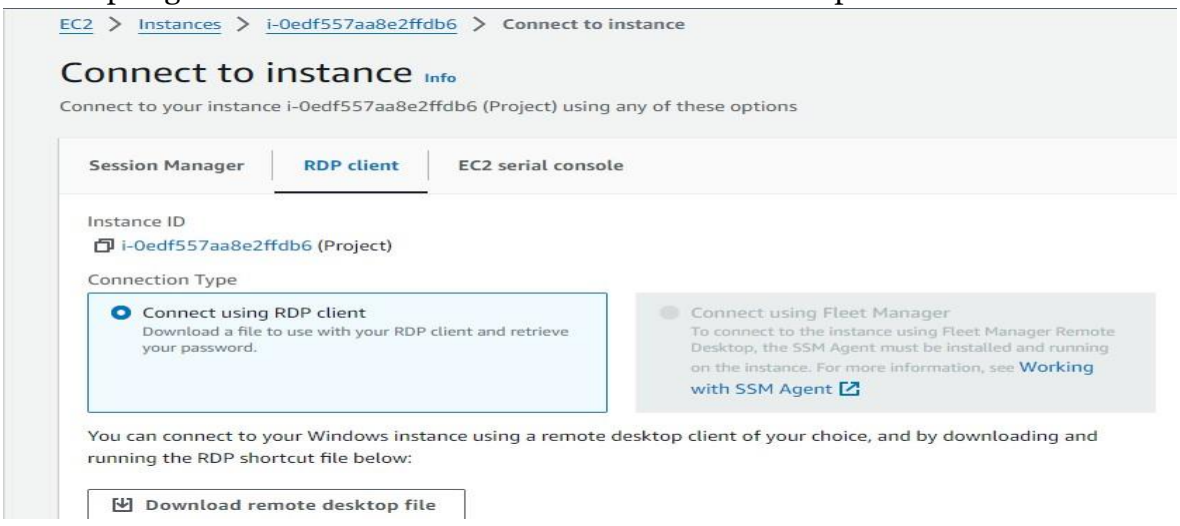
Step 4: Click on Launch Instances>> give name to an instance>> select Microsoft windows server base 2022 as an AMI and in network setting allow both http and http



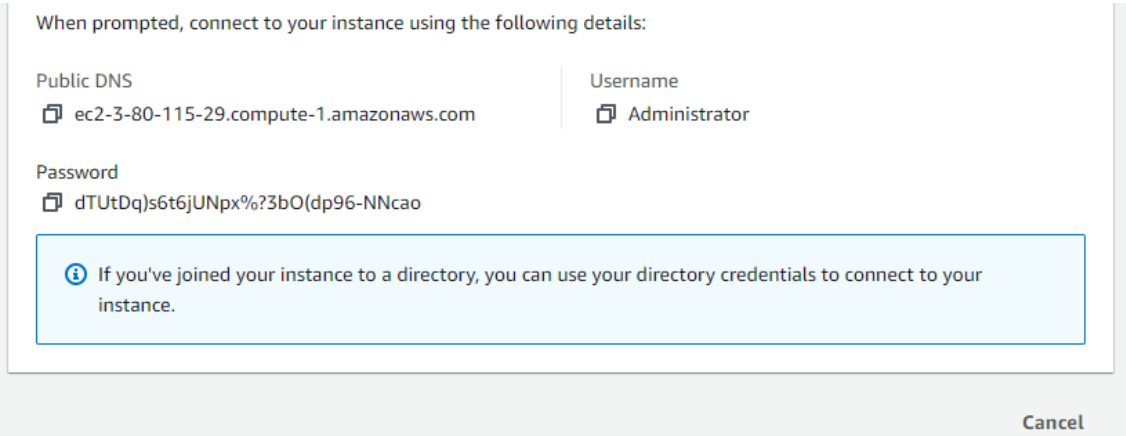
Step 5: In downloads you will able to see the file .pem and then simply launch the instance and then go to view all instances.



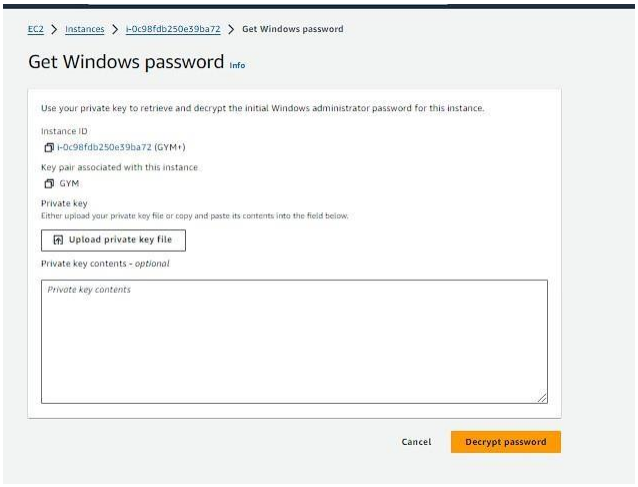
Step 6: You can see the project (Project) instance right click on that and connectit.One frame will open go to RDP client and download the remote desktop.



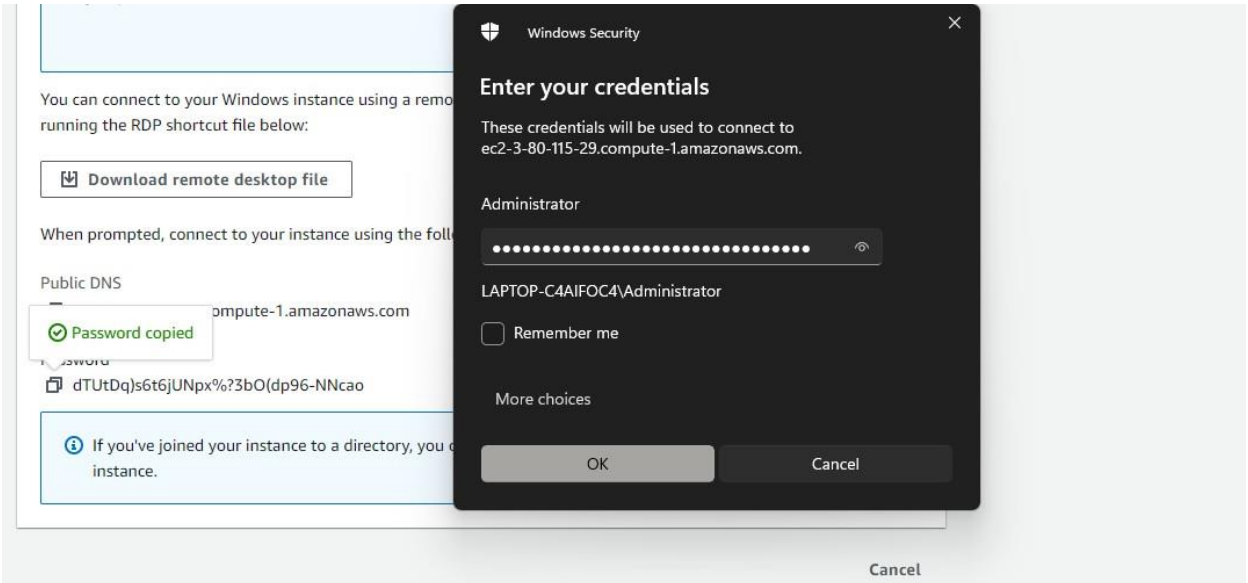
Step 7: Below that Go to get password.



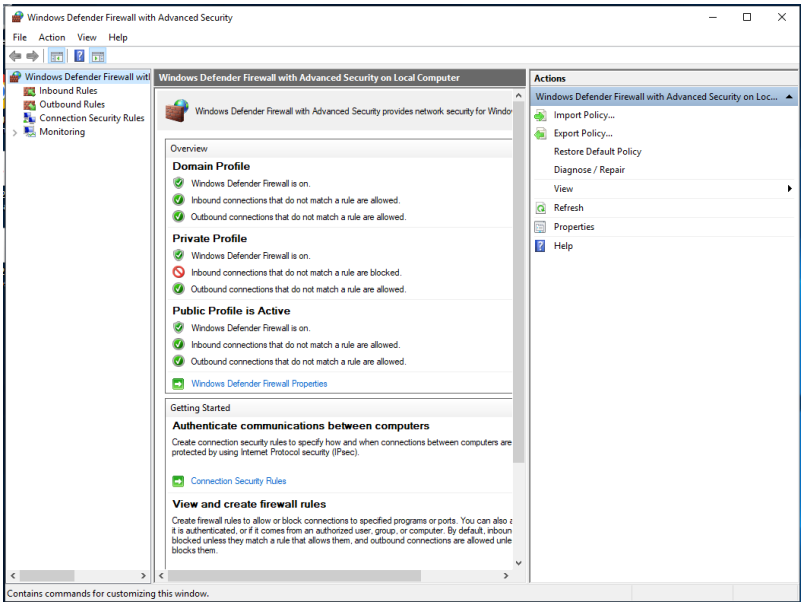
Step 8: Upload your .pem file (cloud1) and click on decrypt password.



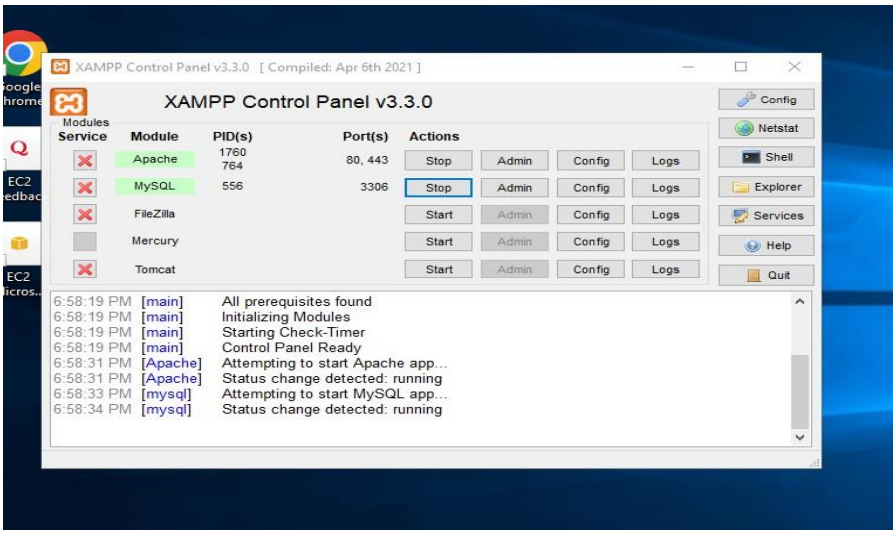
Step 9: You will get and password just copy that and in downloads open that window Remote desktop and give password to it for login.



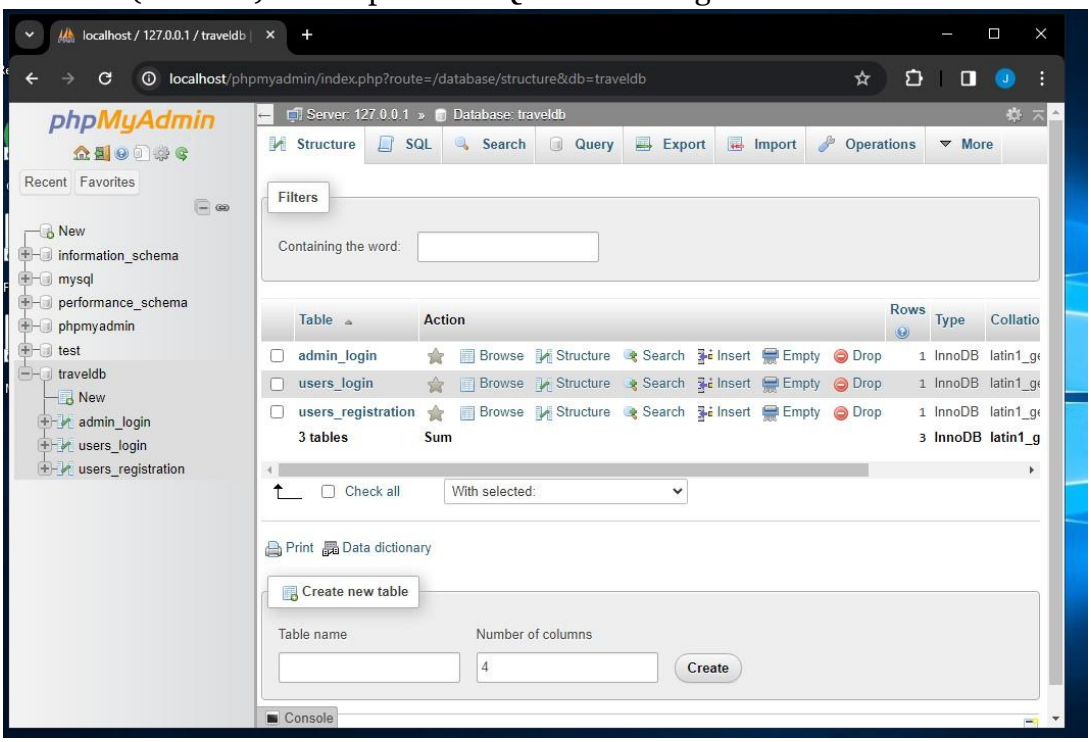
Step 10: Now your window is ready for the deployment of the project. Now go to windows security and off the firewall setting go we can redirect to that page



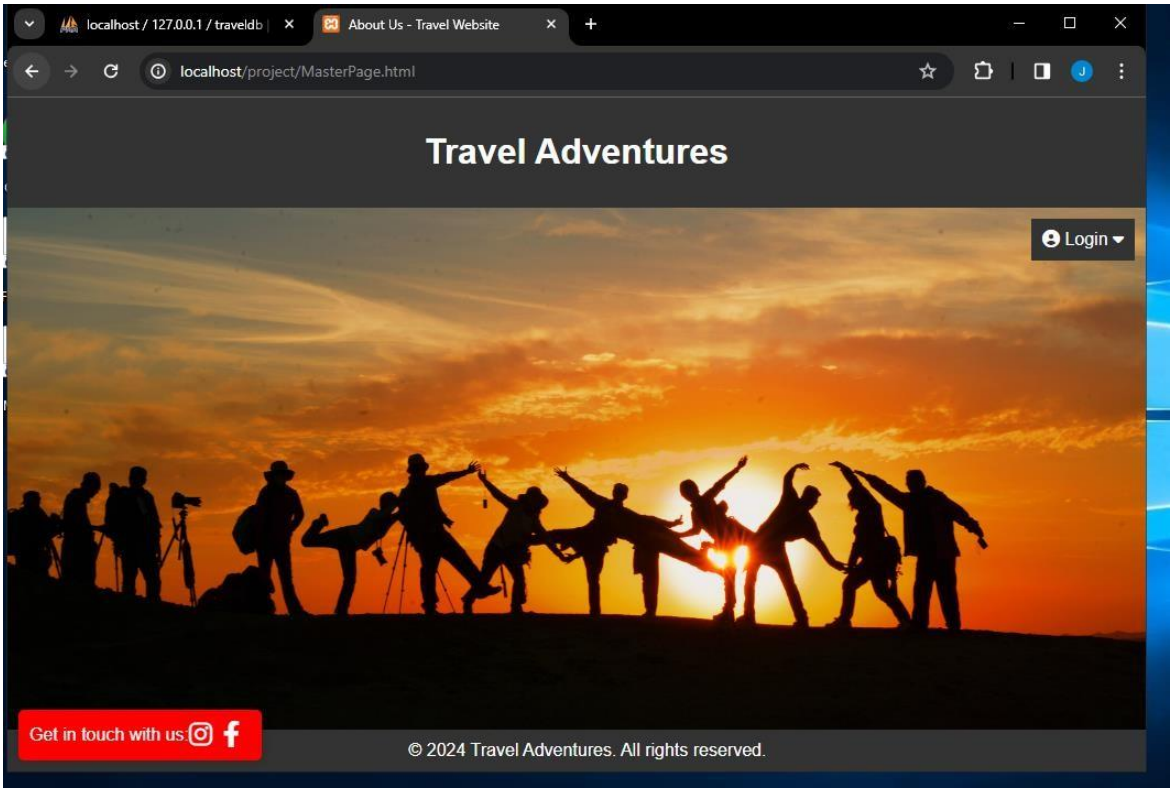
Step 11: Now copy your project and paste it in that window. And also download the xampp server.

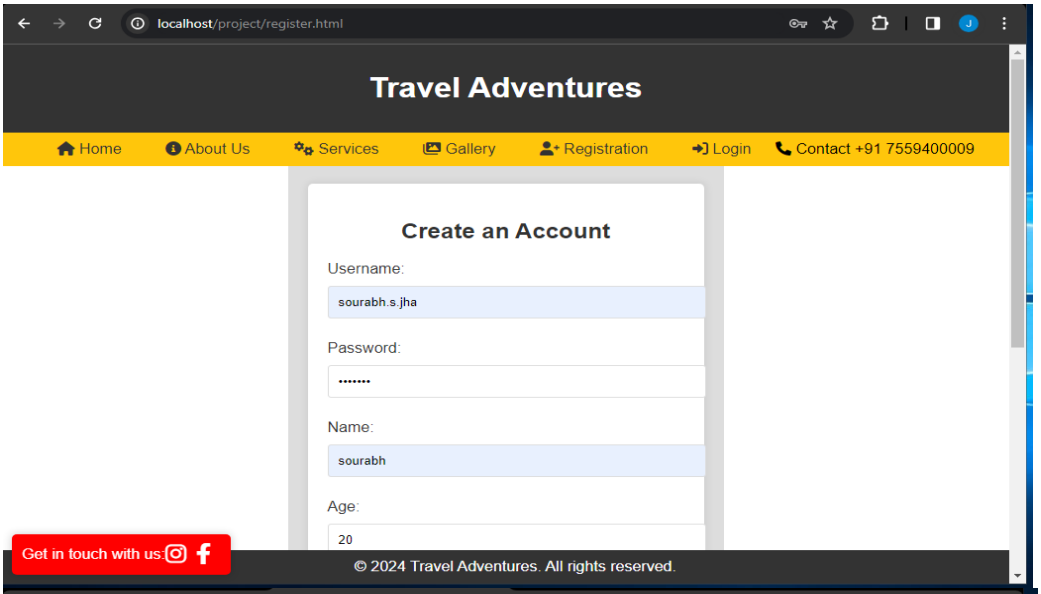


Step 12: Start Apache and MySQL and go to admin as shown above. And create a database(traveldb) and import the SQL file in it to get tables.



Step 13: Now simply go to internet and search **localhost/Project/MasterPage.html** Which my file name given inthe htdocs. Now you can add details and it will refect into your database also.




localhost/project/register.html
Travel Adventures
Home
About Us
Services
Gallery
Registration
Login
Contact +91 7559400009
Create an Account
Username:
sourabh.s.jha
Password:
Name:
sourabh
Age:
20
Get in touch with us:
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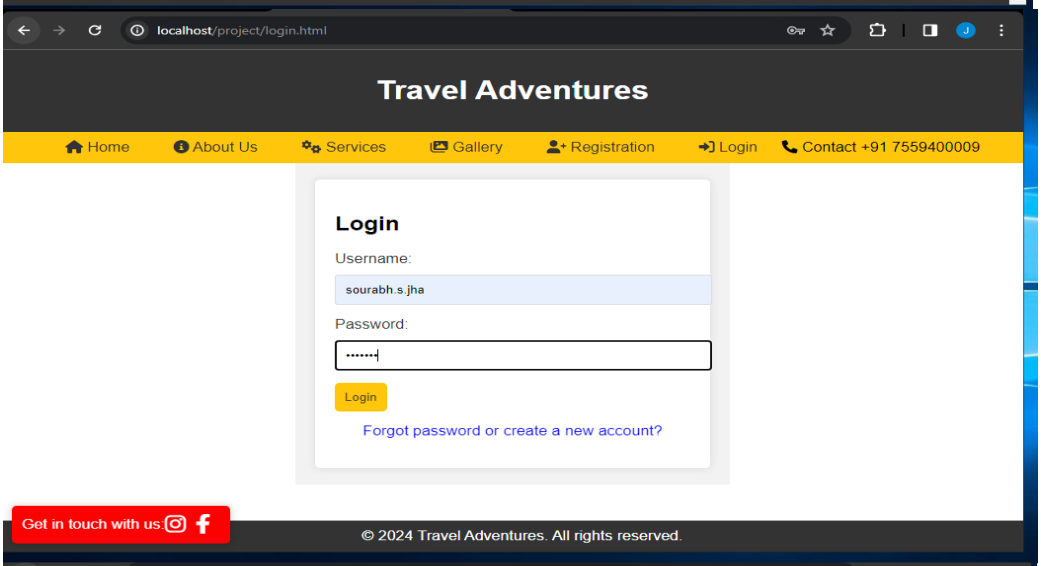
localhost/project/login.html
Travel Adventures
Home
About Us
Services
Gallery
Registration
Login
Contact +91 7559400009
Login
Username:
sourabh.s.jha
Password:
Login
Forgot password or create a new account?
Get in touch with us:
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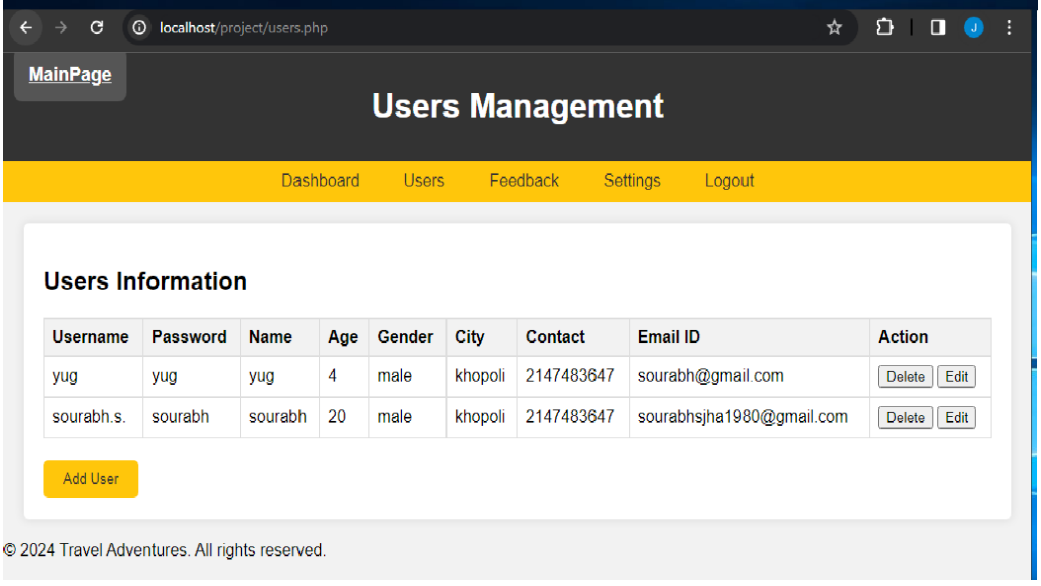
localhost/project/users.php
MainPage
Users Management
Dashboard
Users
Feedback
Settings
Logout
Users Information
Username
Password
Name
Age
Gender
City
Contact
Email ID
Action
yug
yug
yug
4
male
khopoli
2147483647
sourabh@gmail.com
Delete
Edit
sourabh.s.
sourabh
sourabh
20
male
khopoli
2147483647
sourabhsjha1980@gmail.com
Delete
Edit
Add User
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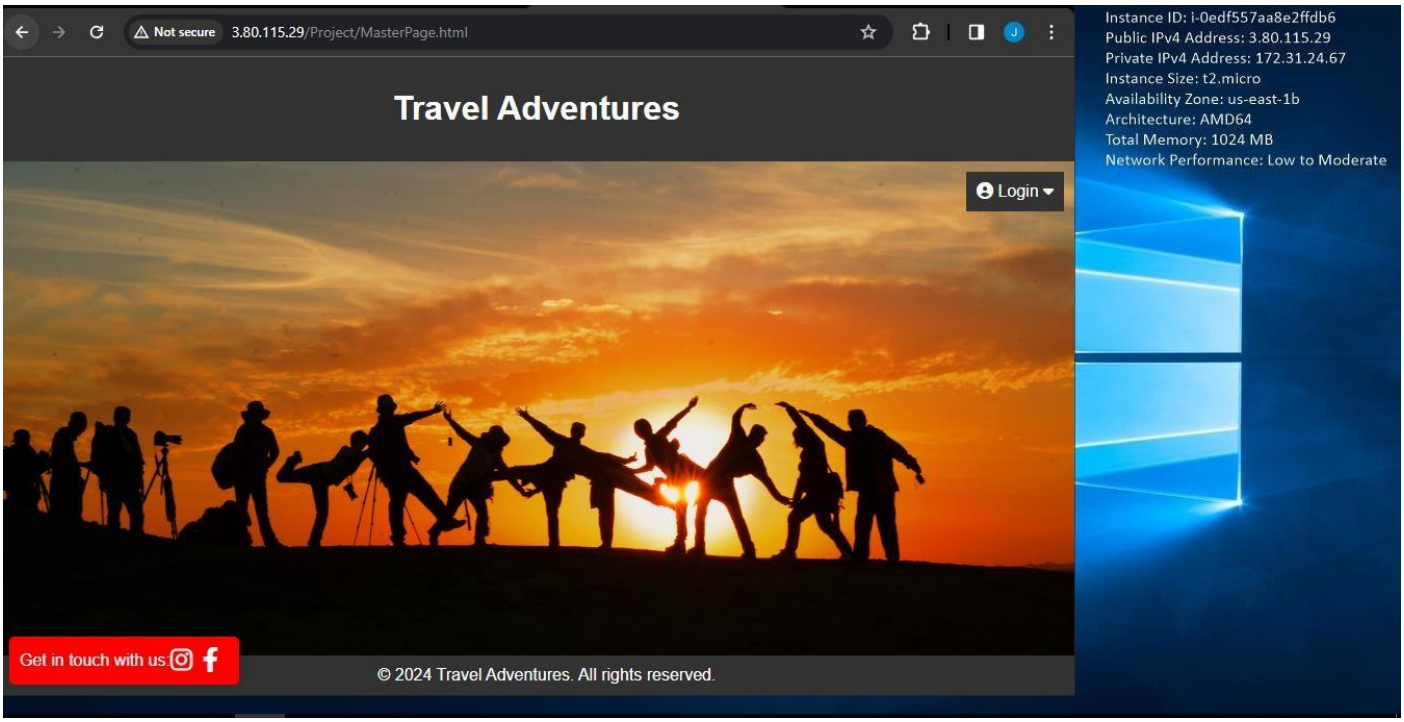
Step 14: Now go to new tab and search IP address/your project (http://3.80.115.29/Project/MasterPage.html)This will redirect your project to the http server.



Conclusion:

In conclusion, the deployment of your **Travel Adventures website on Amazon Web Services (AWS)** using a Windows operating system marks a significant step towards enhancingthe performance, scalability, and reliability of your web application. By leveraging therobust features provided by AWS, you've created an infrastructure that can adapt to changing demands, ensuring a seamless experience for users.

**********THANK YOU**********