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Cloud Computing project

Online food ordering system

Submitted by:

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Tycs-A

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OVERVIEW

Amazon Web Services offers a broad set of global cloud-based products including compute, storage, databases, analytics, networking, mobile, developer tools, management tools, IoT, security, and enterprise applications: on-demand, available in seconds, with pay-as-you-go pricing. From data warehousing to deployment tools, directories to content delivery, over 200 AWS services are available. New services can be provisioned quickly, without the upfront fixed expense. This allows enterprises, start-ups, small and medium-sized businesses, and customers in the public sector to access the building blocks they need to respond quickly to changing business requirements. This whitepaper provides you with an overview of the benefits of the AWS Cloud and introduces you to the services that make up the platform.

Types of cloud computing model available in aws

Infrastructure as a Service (IaaS)

Infrastructure as a Service, sometimes abbreviated as IaaS, contains the basic building blocks for cloud IT and typically provide access to networking features, computers (virtual or on dedicated hardware), and data storage space. Infrastructure as a Service provides you with the highest level of flexibility and management control over your IT resources and is most similar to existing IT resources that many IT departments and developers are familiar with today.

Platform as a Service (PaaS)

Platforms as a service remove the need for organizations to manage the underlying infrastructure (usually hardware and operating systems) and allow you to focus on the deployment and management of your applications. This helps you be more efficient as you don’t need to worry about resource procurement, capacity planning, software maintenance, patching, or any of the other undifferentiated heavy lifting involved in running your application.

Software as a Service (SaaS)

Software as a Service provides you with a completed product that is run and managed by the service provider. In most cases, people referring to Software as a Service are referring to end-

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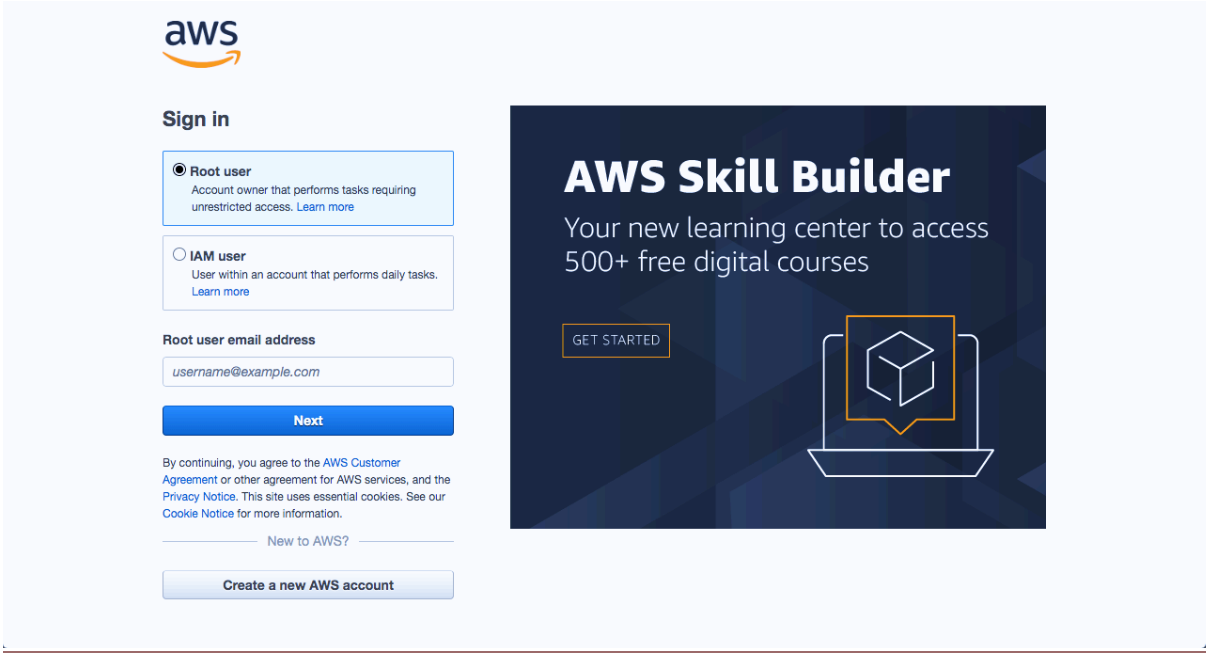
user applications. With a SaaS offering you do not have to think about how the service is maintained or how the underlying infrastructure is managed; you only need to think about how you will use that particular piece of software. A common example of a SaaS application is web-based email where you can send and receive email without having to manage feature additions to the email product or maintaining the servers and operating systems that the email program is running on.

Steps for deploying project in AWS

- **Open chrome browser n sign in with your root user**



- **Click the service and select EC2**

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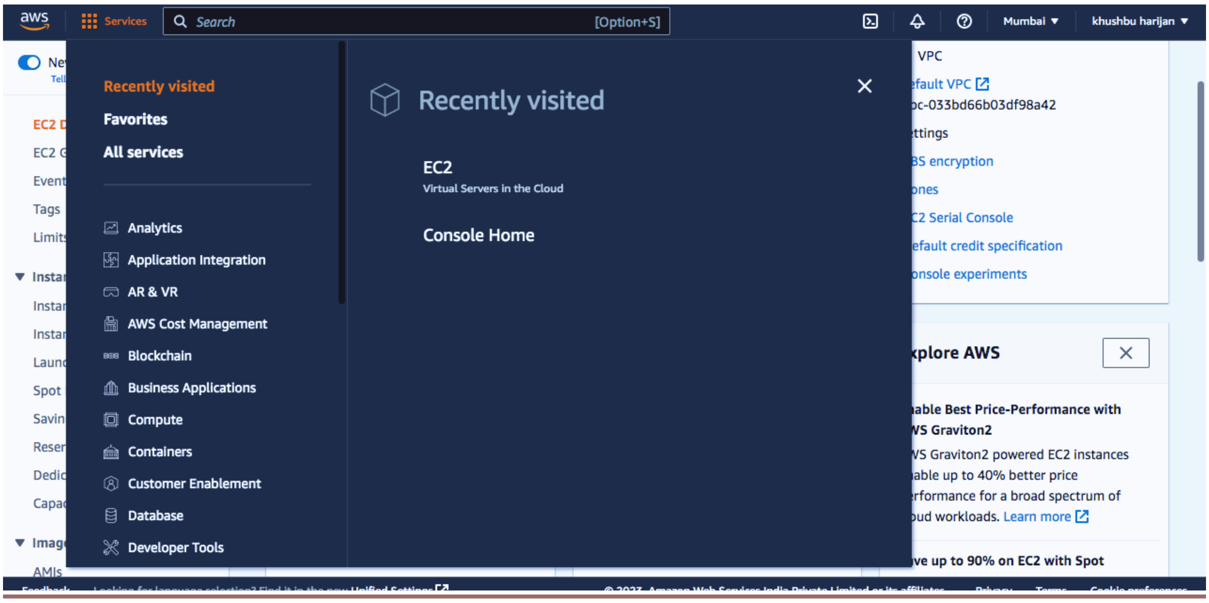
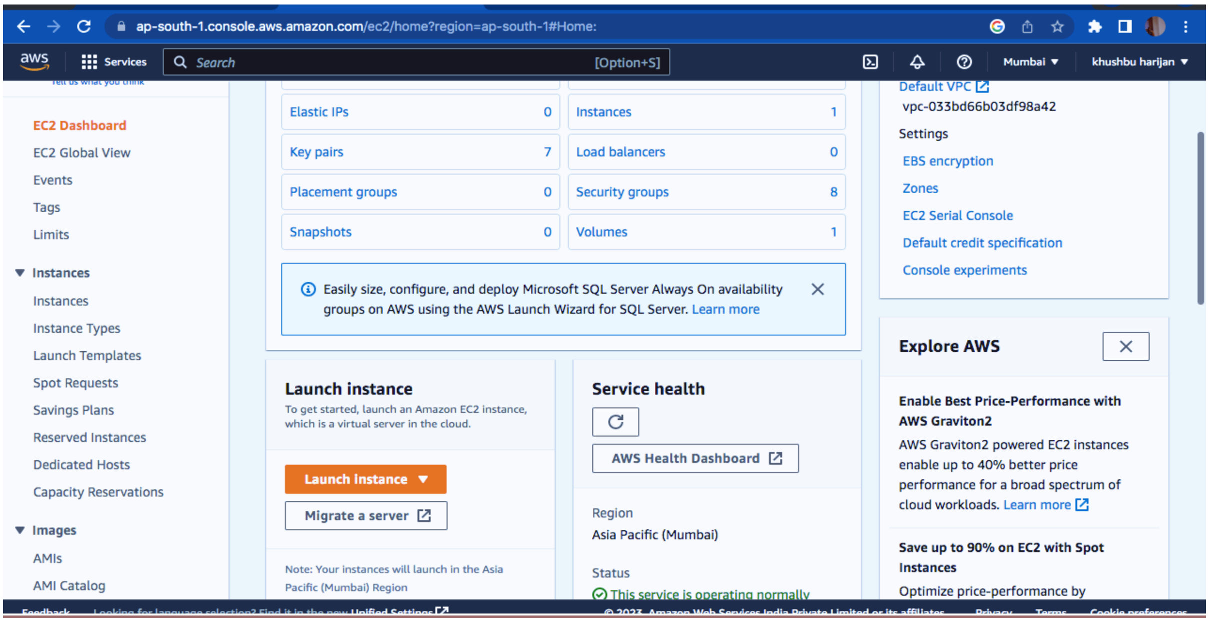


- **<u>Click on instance (running) and launch the instance</u>**



- **<u>Select windows Microsoft free tier eligible</u>**

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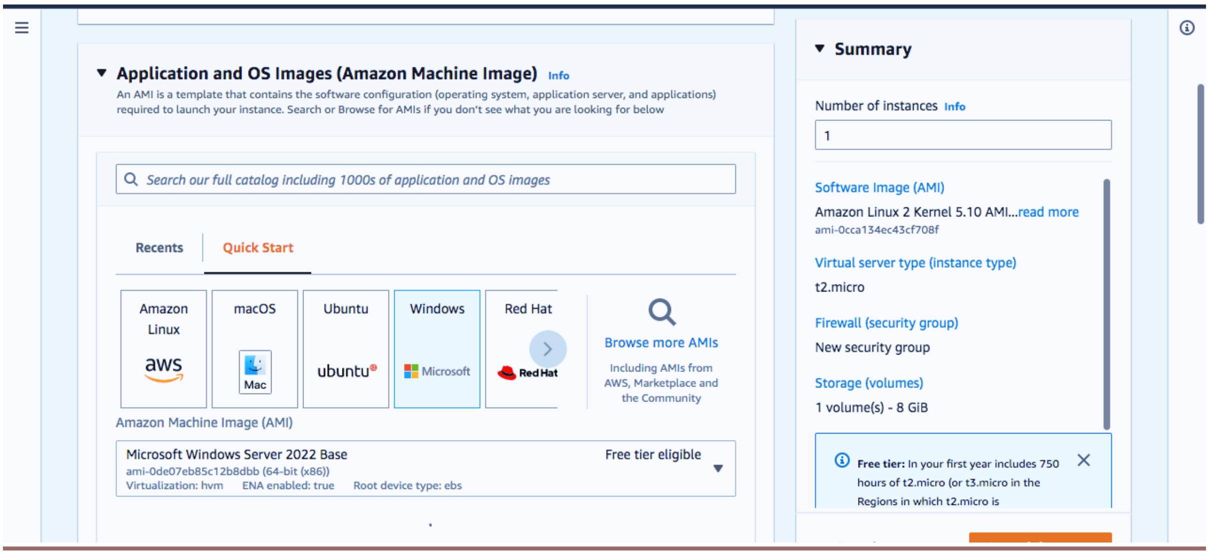
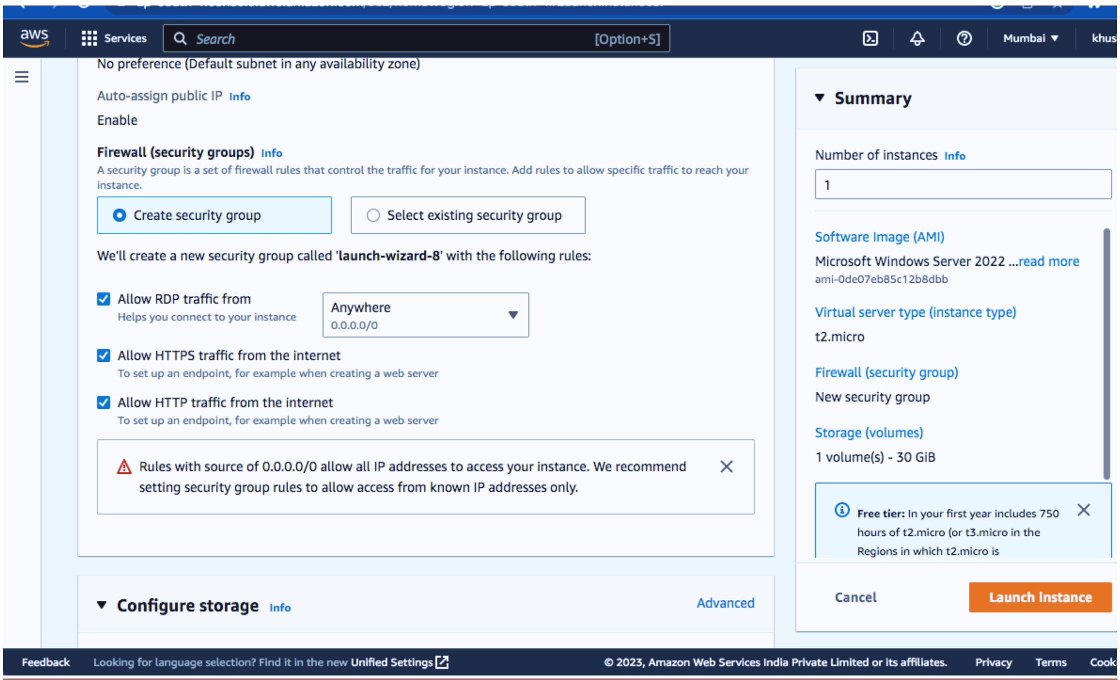


- **Select http and https and launch the instance**



- **Select instance and click connect**

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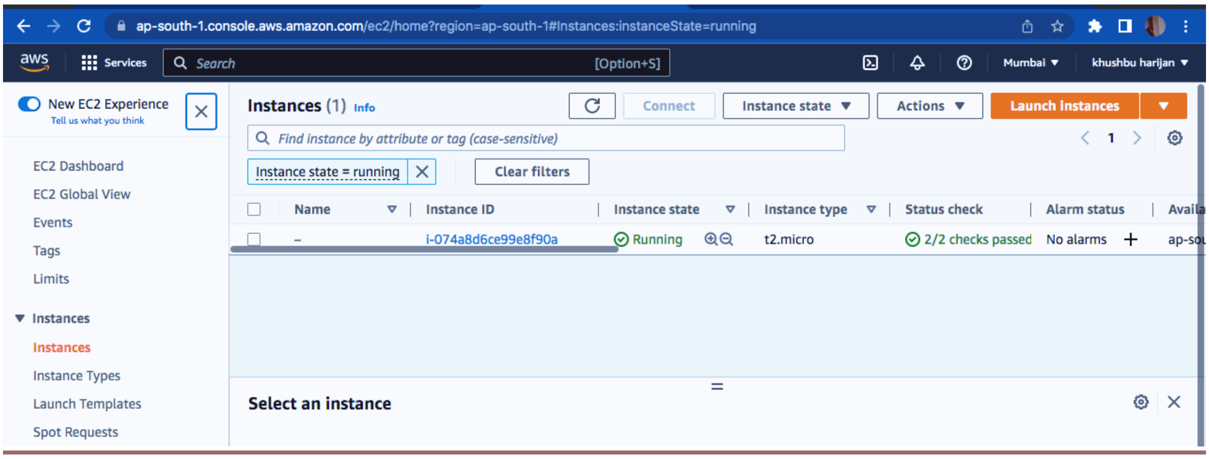
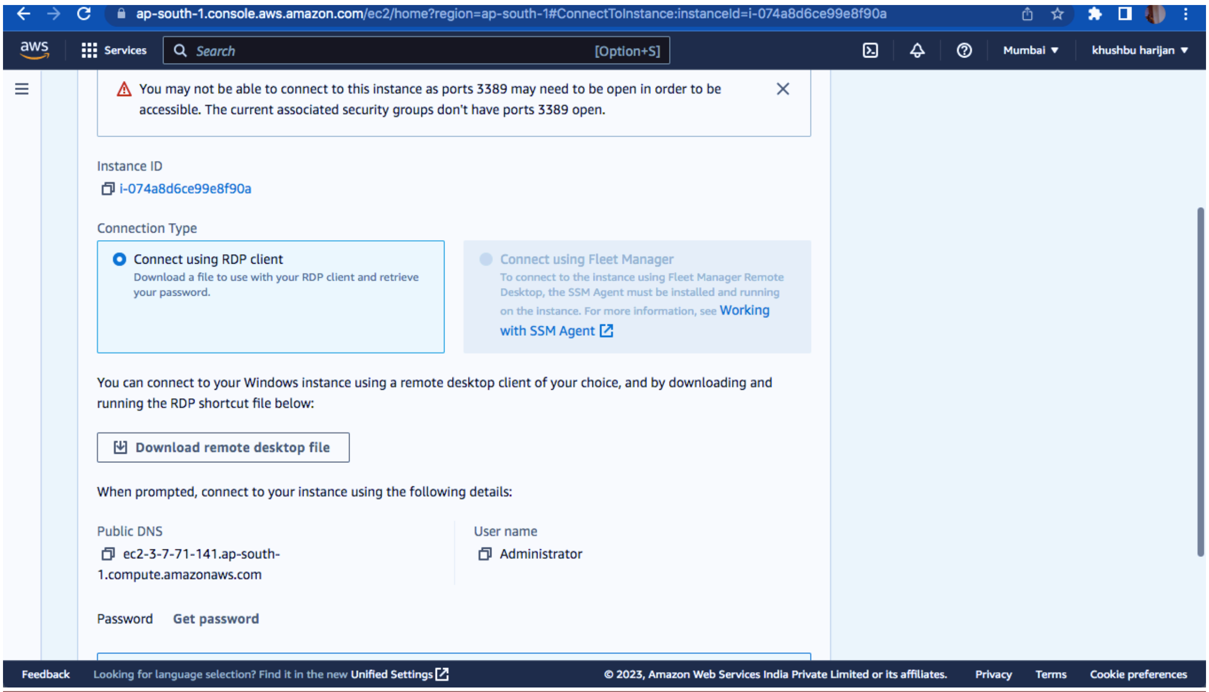


- <u>**Select RDP client**</u>



- <u>**Copy public DNS link and open remote desktop and paste it**</u>

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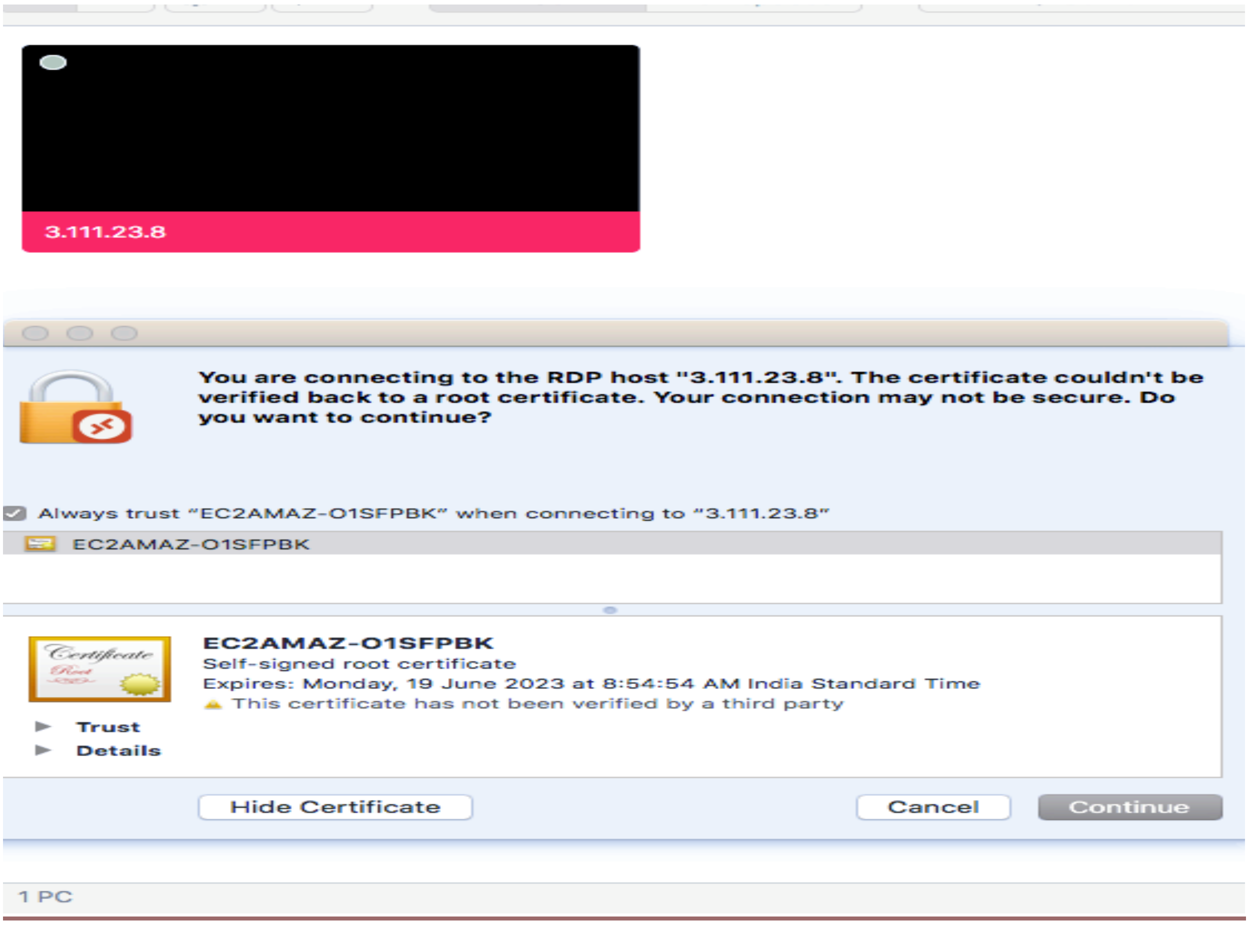

- **<u>After login in remote desktop window will get appear download xaamp in it</u>**
- **<u>Install Xaamp in c drive</u>**

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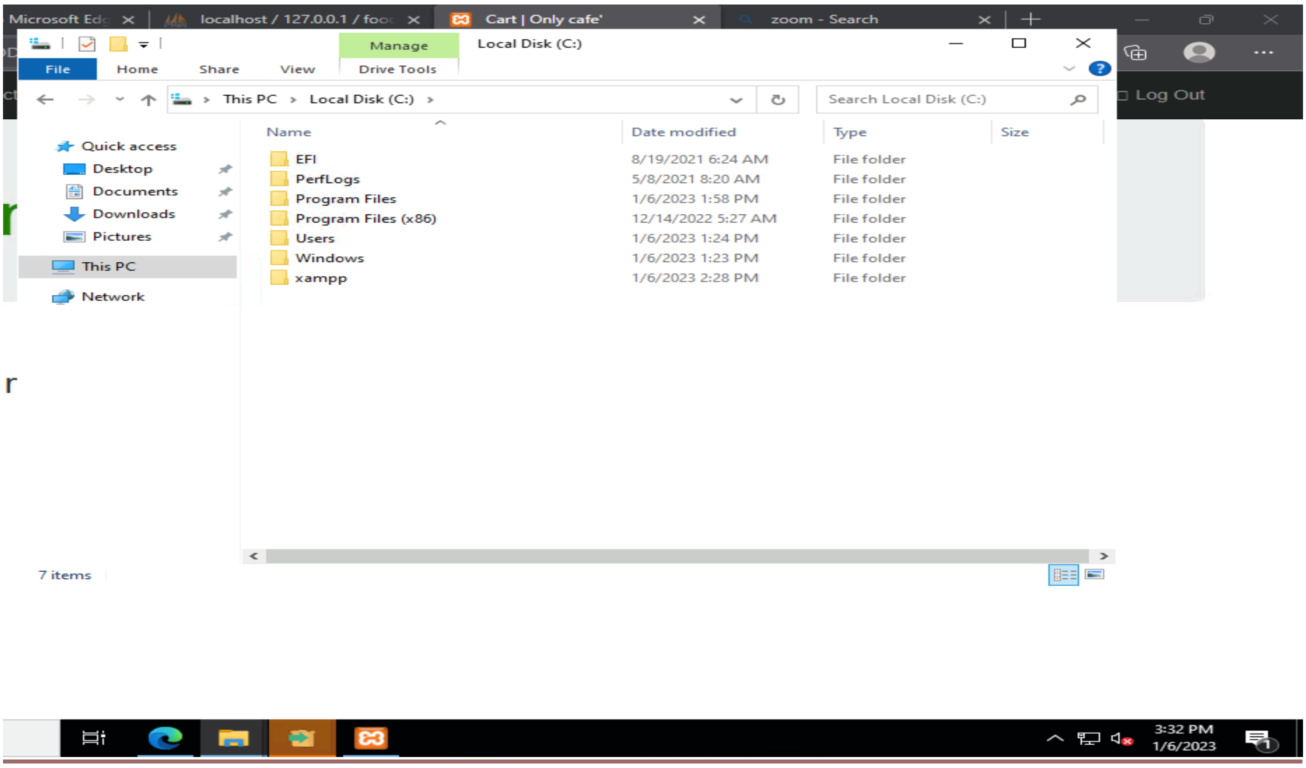

- **Open htdocs paste your project**

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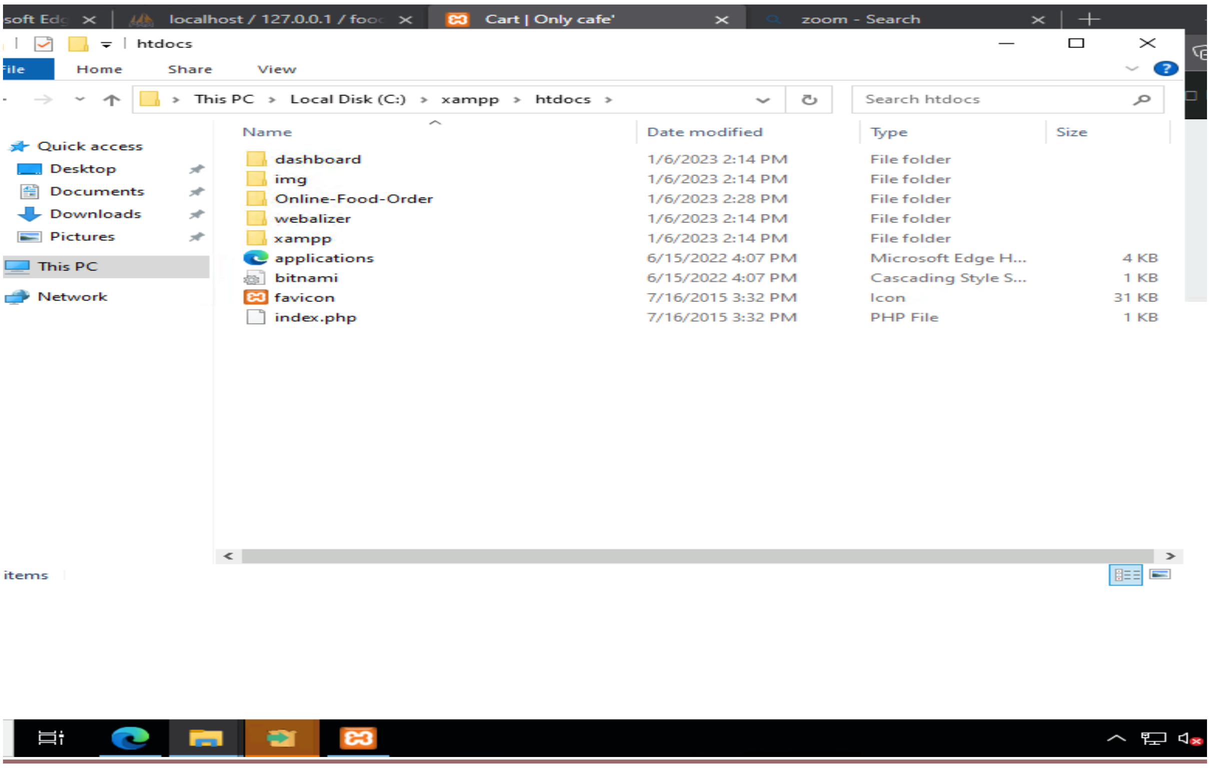

Open xaamp and start apache and mysql and click on php my admin

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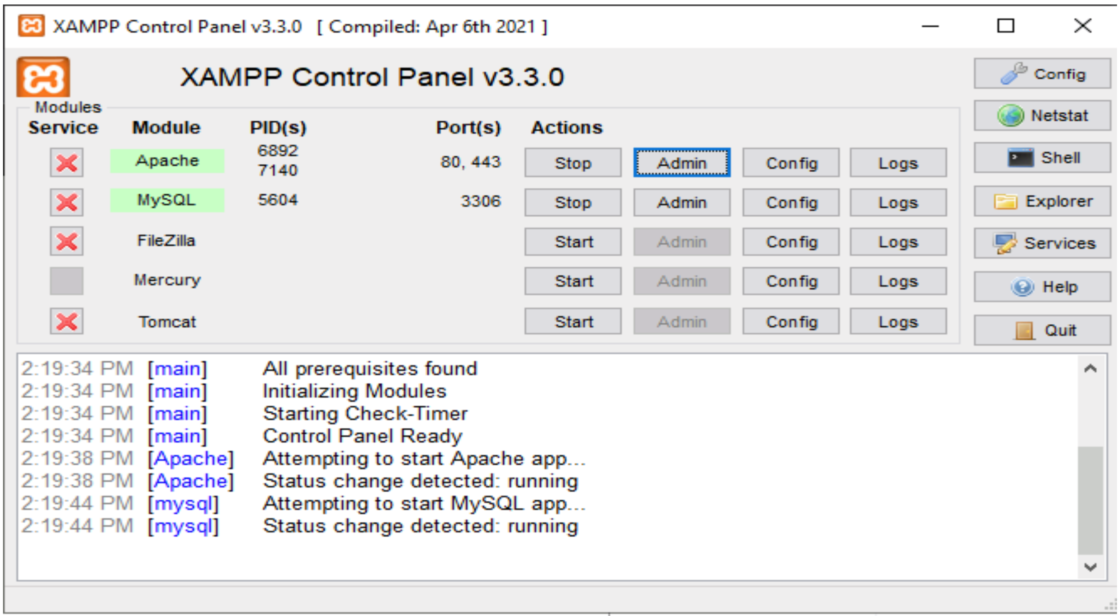
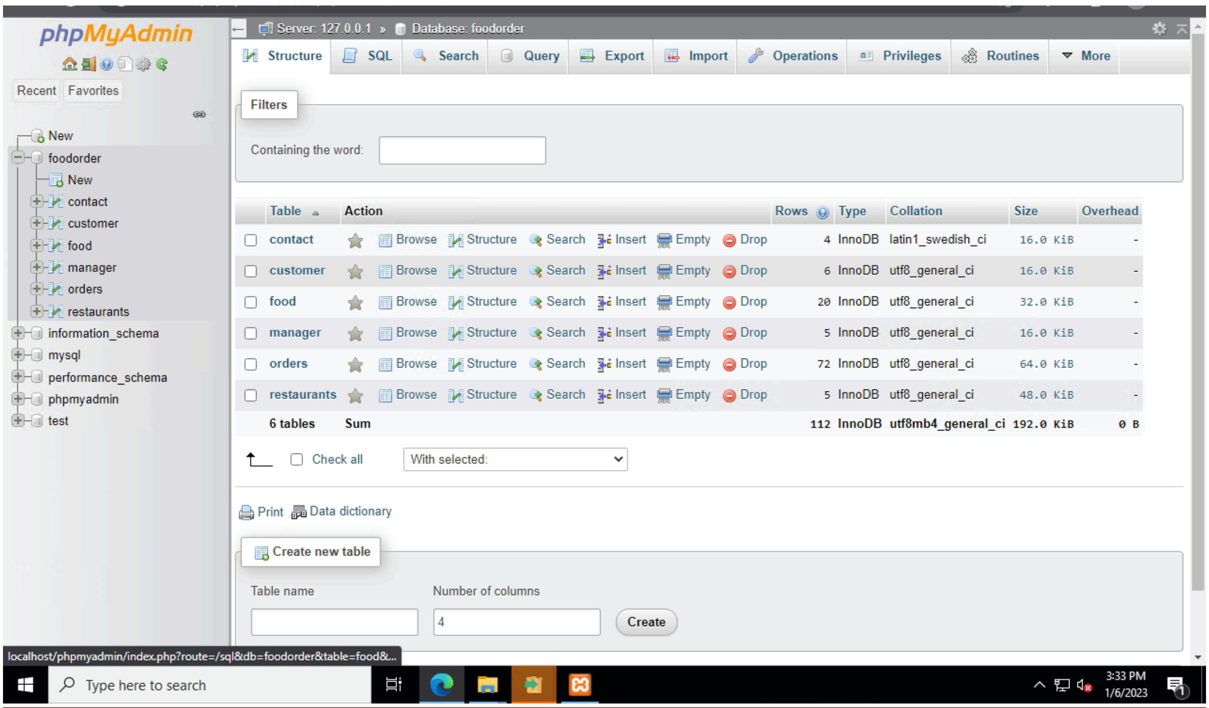


- **Create database and name it as foodorder**



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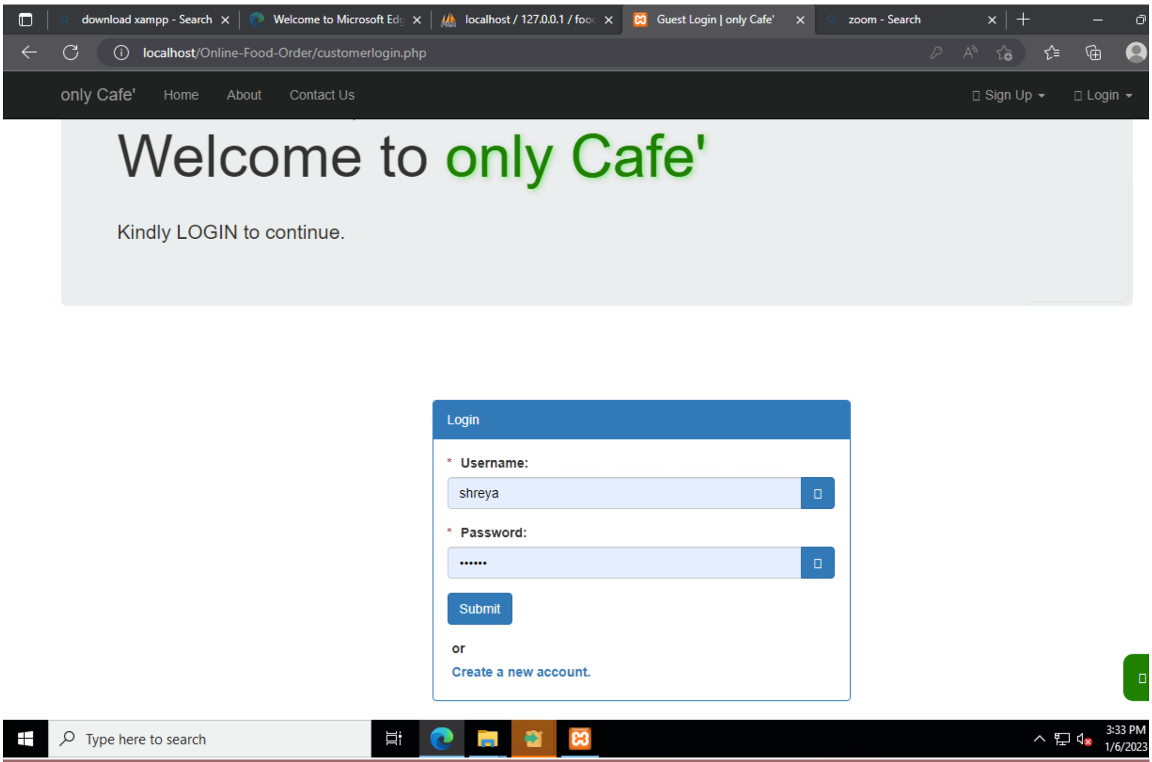
Add paste the address in your browser



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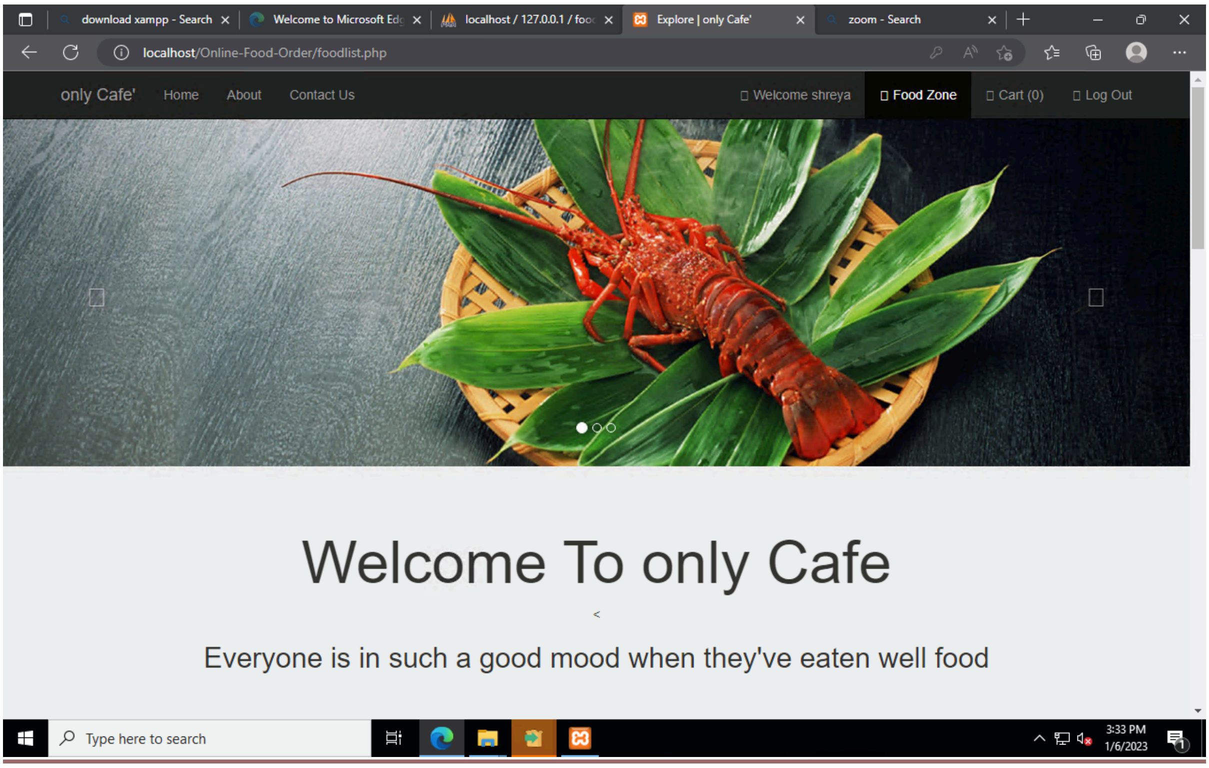

Manager.login page

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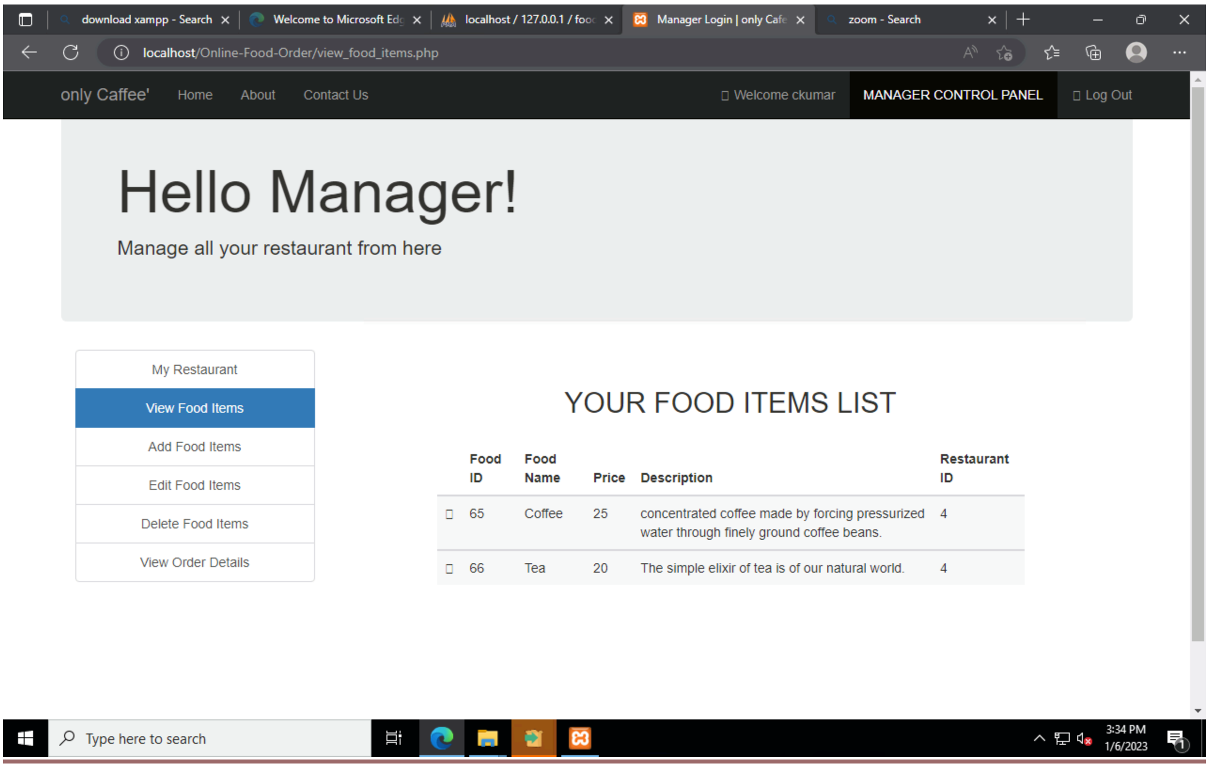
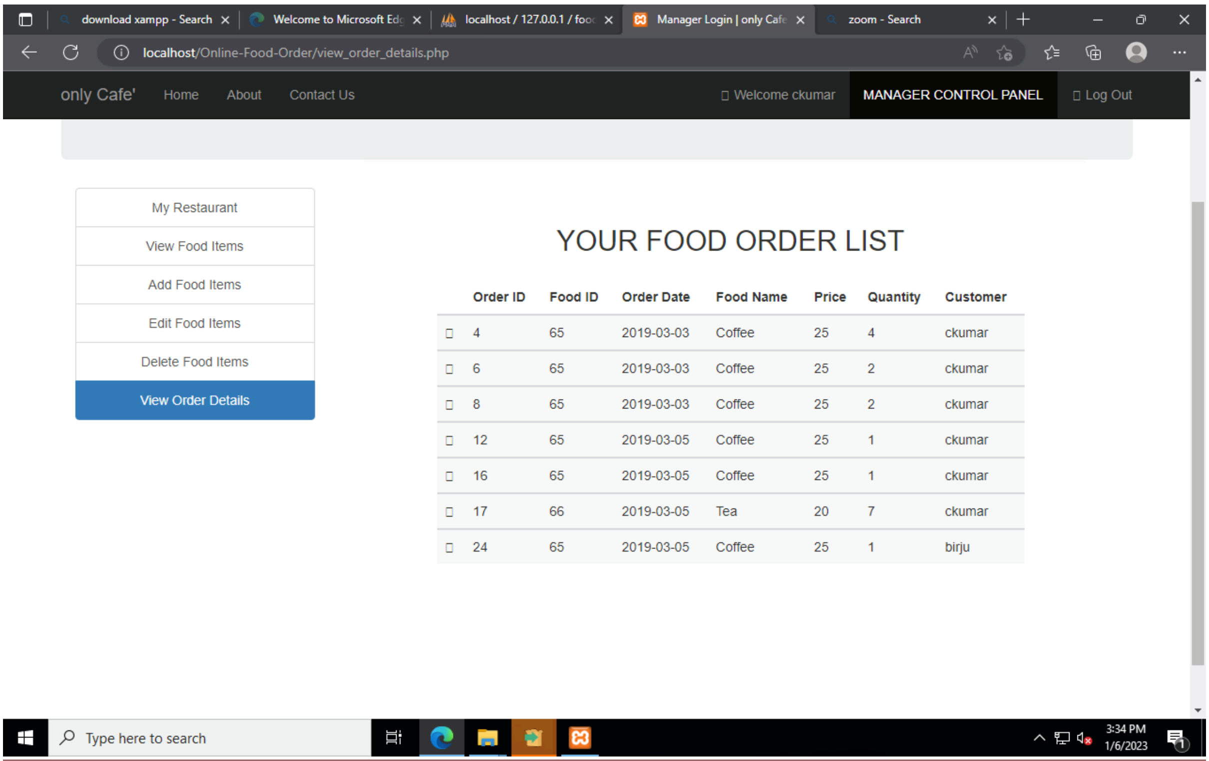


Food ID	Food Name	Price	Description	Restaurant ID
65	Coffee	25	concentrated coffee made by forcing pressurized water through finely ground coffee beans.	4
66	Tea	20	The simple elixir of tea is of our natural world.	4



Order ID	Food ID	Order Date	Food Name	Price	Quantity	Customer
4	65	2019-03-03	Coffee	25	4	ckumar
6	65	2019-03-03	Coffee	25	2	ckumar
8	65	2019-03-03	Coffee	25	2	ckumar
12	65	2019-03-05	Coffee	25	1	ckumar
16	65	2019-03-05	Coffee	25	1	ckumar
17	66	2019-03-05	Tea	20	7	ckumar
24	65	2019-03-05	Coffee	25	1	birju