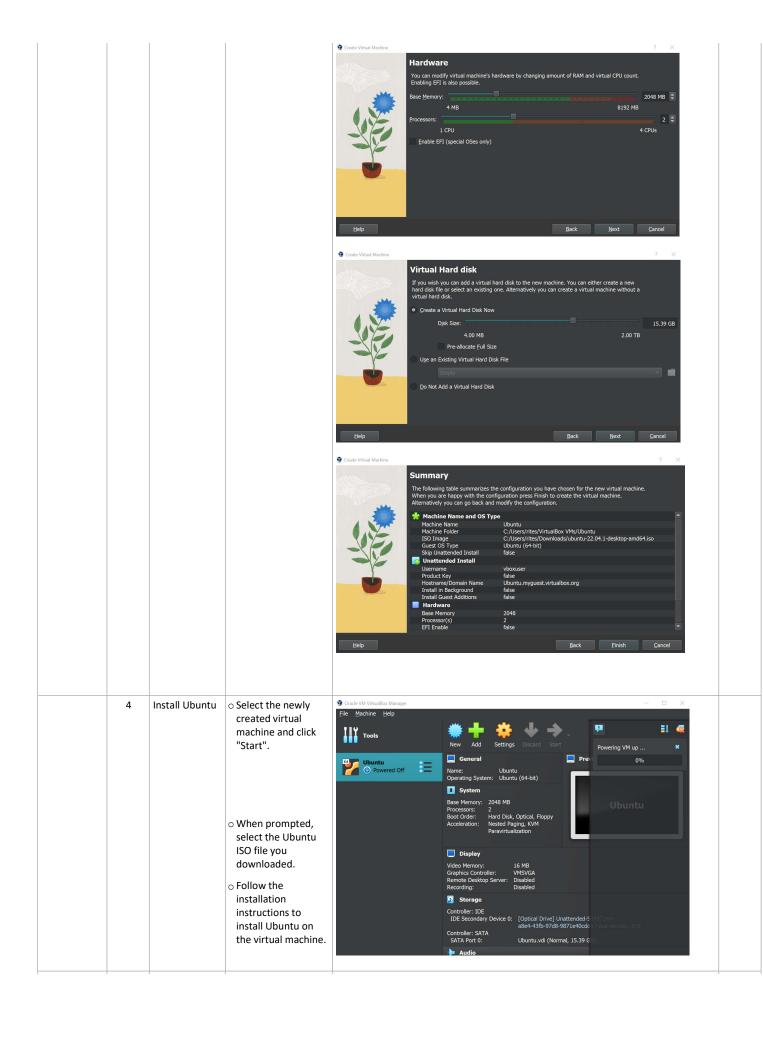
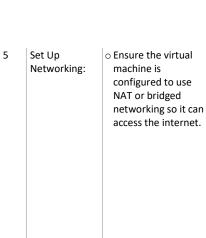
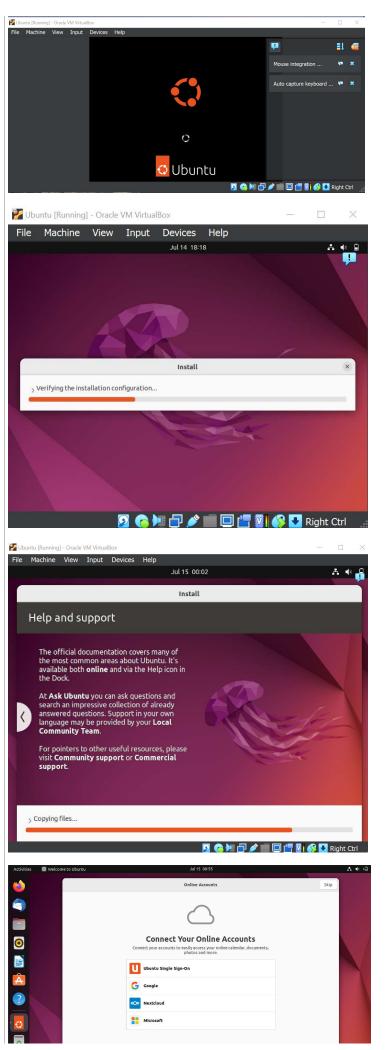
Week 11 Graded Assignment

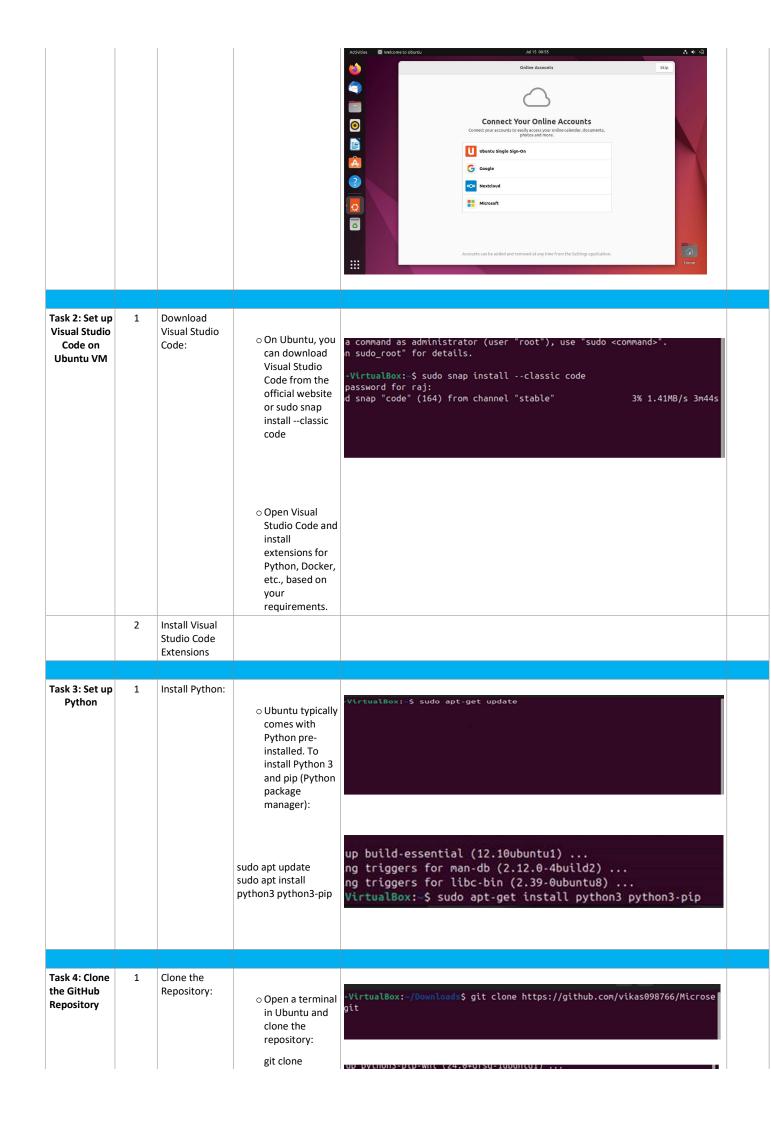
14 July 2024 14:32

Task	Steps	Step Name	Step Details	Screenshots	Status
Task 1: Host a Ubuntu Virtual Machine using Oracle VM VirtualBox	1	Oracle VM VirtualBox Installation	Download and install Oracle VM VirtualBox.	File Machine Help File Machine Help Freferences Import Export New Add Welcome to VirtualBox! The left part of application window contains global tools and lists all virtual machines and virtual machine groups on your computer. You can import, add and create new Ms using corresponding toolbar buttons. You can popup a tools of currently selected element using corresponding element button. You can propried element button. You can propried the File Net to get instant help, or visit www.virtualbox.org for more information and latest news.	
	2	Ubuntu ISO Download	Go to the <u>Ubuntu</u> <u>website</u> and download the Desktop version of Ubuntu as an ISO file.		
	3	Create a New Virtual Machine:	Open VirtualBox and click on "New" to create a new virtual machine. Choose "Linux" as the type and "Ubuntu (64-bit)" as the version. Allocate memory and create a virtual hard disk.	Create Virtual Machine Virtual machine Name and Operating System Please choose a descriptive name and destination folder for the new virtual machine. The name you choose will be used throughout Virtualitox to identify this machine. Additionally, you can select an ISO image which may be used to invalid the guest operating system. Name: Ubuntu Folder: Culturers/intes/Downloads/ubuntu-22.04.1-desktop-amd64.iso Skip Unattended Installation Culturers/intes/Downloads/ubuntu-22.04.1-desktop-amd64.iso Skip Unattended Installation Person: Ubuntu (64-bbt). This OS type can be installed unattendedly. The install will start after this wizard is closed. Belief Unattended Guest OS Install Setup You can configure the unattended guest OS install by modflying username, password, and horozone. Additionally you can enable guest additions install. For Microsoft Windows guests it is possible to provide a product key. Username and Password: Becent Password: Quest Additions Guest Additions Cuest Additions	

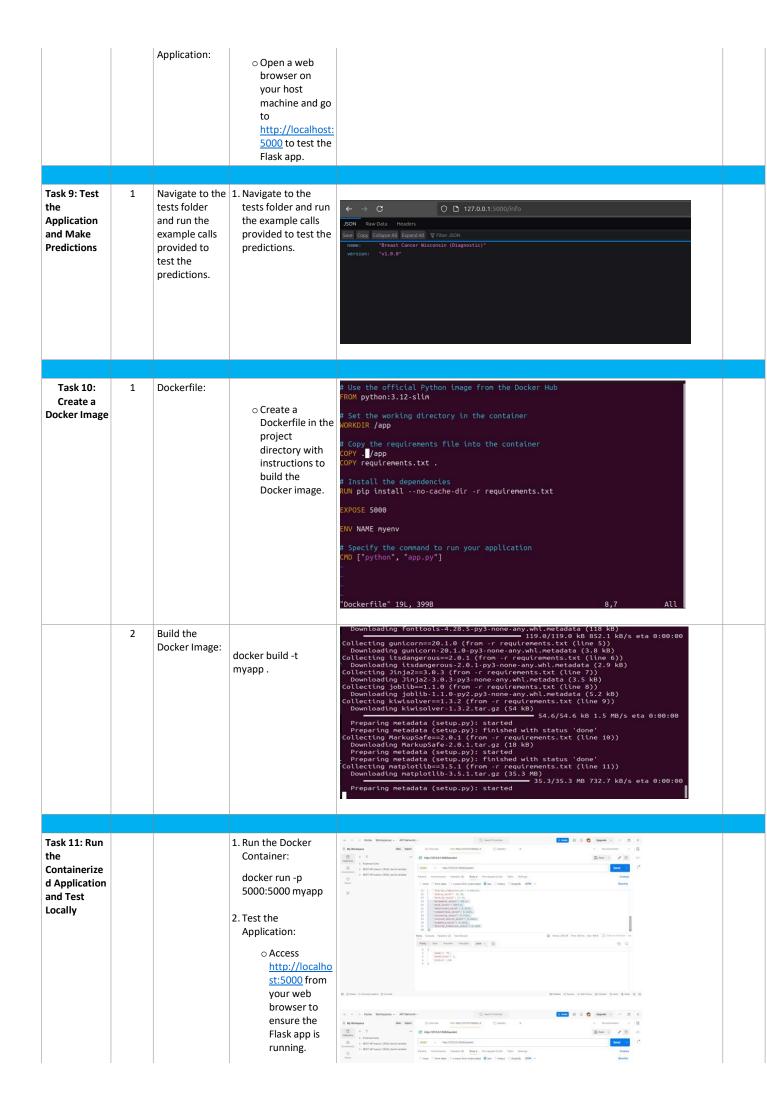








			https://github.c om/Vikas09876 6/Microservices .git	up python3.12-venv (3.12.3-1) VirtualBox:-/Downloads/Microservices\$ python3 -m venv venv VirtualBox:-/Downloads/Microservices\$
Task 5: Create a Virtual Environment	1		1. Navigate to the Project Directory: cd Microservices 2. Create a Virtual Environment: python3 -m venv venv	-VirtualBox:~/Downloads\$ git clone https://github.com/vikas098766/Microse git up python3-ptp-wnt (24.0+ursg-lubuncul) up python3.12-venv (3.12.3-1)VirtualBox:~/Downloads/Microservices\$ python3 -m venv venv -VirtualBox:~/Downloads/Microservices\$
	2	Activate the Virtual Environment:	source venv/bin/activate	-VirtualBox:~\$ cd Do ts/ Downloads/ -VirtualBox:~\$ cd Downloads/ -VirtualBox:~/Downloads\$ cd Microservices/ -VirtualBox:~/Downloads/Microservices\$ source venv/bin/activate
Task 6: Install Dependencie s from requirements .txt			Install Dependencies: pip install -r requirements.txt	<pre>VirtualBox:-\$ cd Do :s/ Downloads/ VirtualBox:-\$ cd Downloads/ VirtualBox:-/Downloads\$ cd Microservices/ VirtualBox:-/Downloads/Microservices\$ source venv/bin/activate -VirtualBox:-/Downloads/Microservices\$ pip install -r requirements</pre>
Task 7: Train and Save the Model			1. Follow the instructions specific to the repository for training the model.	-VirtualBox:~/Downloads/Microservices\$ ls data ms README.md tests ing model myenv requirements.txt venv -VirtualBox:~/Downloads/Microservices\$ cd code_model_training/ -VirtualBox:~/Downloads/Microservices/code_model_training\$ python Dads/Microservices/code_model_training/train.py:24: FutureWarning Phavior in `replace` is deprecated and will be removed in a future stain the old behavior, explicitly call `result.infer_objects(coppt-in to the future behavior, set `pd.set_option('future.no_silen True)` Ls'] = data['diagnosis'].replace(['B', 'M'], [0, 1]) S842105263158 Splot.confusion_matrix.ConfusionMatrixDisplay object at 0x7732d -VirtualBox:~/Downloads/Microservices/code_model_training\$
Task 8: Test the Flask Web Application	1	Run the Flask Application:	python app.py	-VirtualBox:~/Downloads/Microservices\$ python app.py k app 'ms' off s a development server. Do not use it in a production deployment. on WSGI server instead. ll addresses (0.0.0.0) ttp://127.0.0.1:5000 ttp://10.0.2.15:5000 quit
	2	Access the		



O Use tools like curl or Postman to send example calls to the API running inside the Docker		© flame (0) for the firm flam to (0) in the contract of (0) in the	
container.			