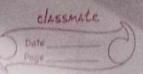
Weekend test



EMP. NAME: Ch. Sai Bala Subramanyam
EMPID: E19 25 Date: 23/08/2024 ai What one the Different SDLC phases and Each one Escplain? developer to Develop the Software to Meet costomer Expecation. Such life (yele is known as SDLC SDCC is full form of Software Development life Cycle will helps the Developers to create a high auality & good Quality Software. Phases Splc has a Different phases they one goodingon and the 1 plans In this Stage, the Developer will plan the preparation of Development of the software. 2 Requirements of blus 3 In this Stage, the Developer will Select the Requirement Tools of data. do at host togot velosa at tosion B) Design sold and have In this Stage, the Developer will designed as per Reavired. & planned one contrapolat 200 Mas Develop

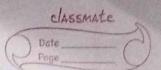
The Developer will Develop the

Software as per Designed done

(5) Test Charles Chest Pola Citarina In this Stage, the Developer will test the Designed & Developed Software to check Whether any Bugs & Error are there (00) Notice 6) Monitor iside along still as all the In this Stage, the Software should be monitored in Regualon Intervals to check it works properly (08) Not 7 Maintainence The Developer Should Maintain the softwage which is developed of give to the client as per their Require Ment. Driefly Explain about CI/CD pipeline with an archeiture? AM! CI/CD pipelline
This is a pipeline which we non the project through the Integration Stages to Build a Package & check the avality of the Package & with the help of that package. Deploy the project in Deploy Ment tool to check the project is good (00 Not. types of pipeline. Consist of two 1 Continous Integration

3 Continous Deployment

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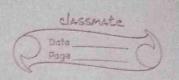


1) Continous Integration Pipeline helps to create a package of war Darfile which is called as Artifact of check the Quality of Store that Artifact Soch pipeline is known as Continous
Integration pipeline.
This: pipeline Consist of this stages (i) version Control (Git) Contentinous code. 2) Continous Build. (Maven) Continous test (Sonarquee) 4) Continous Storage (Nexus) mid apissa () 2) Continous Deploy Ment pipeline

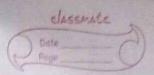
This is a pipeline which

helps to Deploy the project in a

peploy Ment tool to Check the frame. work of the project ! This pipeline consist of this (1) Continous Deployment (tomat) (2) Continous Delivery (K&S) trait andiz 2. Archeiture continues ontinous Delivery Comina Test co pipeline



Q3:- What is AUD logon process, Explain in Ans: Azure virtual Desktop logon process of logon of Azure virtual Desktop they are. 1. por paration & Sctupin while prepasing a AUD Should be Setup first through. O creating AUD host pool.) Configure Session hosts create 1Application groups. Assign users User Authentacation & Access 1) Access via Aud client (on webaccess Firstly the user should access the virtual Machines through the AND Client (or) Web access 2) User (Fedentials of authencation As with credentials of get authencation 3) Session Establishment (1) Launch Desktop application dauchinthe Desktop Con application through the Session hosts in the host pool.



(2) Session Initialization on this, AND client (or) user will Experience both Desictop& Application session Management on this process the session of Desktop (or) Application will be Managed to Connect through Credentials of Administration 3) trouble Shooting of good to 20 In this Administrator haves a all access to Access & find & clear that trouble shooting. or reversions virginiant enables Q5: Run Webhosting for the given sample Diango project? Ans! Creation of UM carregal Hotene tan abor Firstly create a um with the giving Reavised Information like D. TMage: c) Size d) credentials et c Dobals Homer Special Ober cuting, Handurger

Connect to putty

copy the public Ip of put in putty

login with exedentials which is

given at creation of UM

10 SCECES MADRICE MEDIL

Commandy

Sudo apt update & Sudo apt upgrade

Sudo apt Install python3-pip -y

Sudo apt Install python3-venu-y

Python3 - M. venu < name>

Source < name> bin activate

git clone < project uri>

cd < project folder>

pip Install - r Requirements. txt

Python3 Manage py Make Migrations

python3 Manage py Piunserver 0.0.0.3000

python3 Manage py Piunserver 0.0.0.3000

Gunicorn

Sudo apt Install gunicorn Sudo apt Install Supervisor:

ed etc Supervisor confid Sudo nano guni corn. confi-Give the Required Script

Sudo supervisoret! renead Sudo supervisoret! update Sudo supervisoret! status

Ngina Sudo apt Install nginx

- cd letc/ nginx/ sites-Enabled) Sudo nano nginx conf (Give the Script Required) Sudo Service nginx restant sudo Service nginx status cd. saidony loutails ed sproject > Jonicorn & project > -6 0.0.0.0: 8000 f Dy-what is DHCp and how its work.
what are key compenents of DHCp
Setop. 4 How do you Configure AM! it is an Networking protocol that automatically assigns IP address to nosts on a Network.
Such protocol is known as DHCP it foll form(or) Stands fori pynamic host configuration protocol. it helps the users in it following (1) Assigning Ip-address 2) Creating of Ip-address Selecting the Required Zone Ip. de clicke on coe (4) Select (08) Keep side a Required Ip for future use.

plays a every important stole in the

2) vistual Machine

cannot features the DHCP to the without creation of VM, we other UMS

(3) private Ip address is an private Ip address to mon
the projection.

Creation

(i) Create a UM.

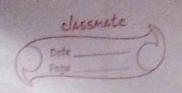
Firstly Create a um with the Required Information of

SALL BELLEVIL

Size

Rosovice grosp.
Credentials

) virtual pretwork & click on create



(Connect the UM

in Remote Desictop Connection open the virtual Desictop.

3 open Sexuer Manage & Configure DHCp

open Server Manager & Select the role of DHCP server & click on add & Configure the DHCP by click Next & Install

a) select of Ip's

After Configure open tools & Select DHCP & Select Stort & End IP & Exclude IP & Select Save.