

First Name *	Last Name *
Phone Number *	
Location * (Home)	Job
Address (rd)	
Location * (rd)	
NO. of. Roommates	
Price	
Time (Pickup)	
Date	
Distance	

Formula

$$\text{Price} = \text{Distance} * 100$$

Assignment

Q. Create a Simple cloud software application and provide it to a service any cloud service provider to demonstrate software as a service (SaaS)

Ans:-

• To create a Simple cloud software application and provide it to a service using any cloud service provider to demonstrate software as a service (SaaS)

Software Used:-

• Open Source Software [Zoho.com]

Procedure:-

- (i) Log in (or) sign in into zoho.com
- (ii) click creator option [in Access your APP]
- (iii) Get Accessed and click on "create solution"
- (iv) Select Applications
- (v) Get start from "create from scratch"
- (vi) Give the application name - create application
- (vii) click "create new form"
- (viii) click "from scratch"
- (ix) Enter the form name
- (x) Add the Entries you would like to add in your application form.

Ques

Passenger name

First name

Last name

+91

Phone number

From

To

No. of Passengers

Address line 1

line 2

City

State

Pin code

Files Upload

Price

Formula

$\text{NO. OF. Passengers} \times 1000$

11/11/2021

Create a simple cloud software application online for flight Reservation system using any cloud software service provider to demonstrate SaaS

Aim:-

To create a simple cloud software application for flight Reservation system using any cloud Software Service Provider to demonstrate SaaS

Procedure:-

(i) Sign up for Zoho Creator, for a zoho creation amount and set up your flight Reservation system application

(ii) Define your data structure with tables for flights, passengers and reservations

(iii) Create user friendly forms for flight booking, passenger registration and reservation management

(iv) Implement automated workflow for tasks like sending confirmations, updating flight availability and management reminder

(v) Ensure data security by configuring user roles permissions for all controlled users

(vi) Customize the UI to deliver on intuitive and branded user experience

(vii) Rigorously test the system and optimize it to resolve any issues

(viii) Deploy your flight reservation system on the chosen cloud service provider

Output:-

Application normal flight booking has

Name of buyer	
Land location	Use 1
City / District	State
Postal code	Select - Country
Seller mobile number	
Buyer mobile number	
Buyer address	Use 2
City / District	State
Postal code	Select - Country

The proposed system is a web-based application to streamline property transaction and enhance the user experience.

Aim:-
To develop a cloud-based software application for the property buying and selling process in Chennai, Chennai Software as a Service (SaaS) to streamline property transaction and enhance the user experience.

Procedure:-

- (i) Choose a cloud service provider (e.g., AWS, Azure) for hosting your property management application.
- (ii) Create a database schema to store property details, user profiles, rental agreements and transaction records.
- (iii) Develop user registration and authentication features to ensure secure access to the platform.
- (iv) Design a user-friendly interface for property listing, viewing, chat, and document upload.
- (v) Integrate geolocation and map services to provide users with the location of properties.
- (vi) Deploy the application on your chosen cloud service provider.

Outcome:-
The application successfully streamlined the property buying and selling process.

Name: First name Last name

Phone number: Phone number 2

Customer mail id:

Date of Booking:

No. of Books:

No. of Books For Rent:

No. of Books For Buy:

Address: Line 1

State

City/District:

Postal code:

Delivery Date:

Payment Detail:

Q) Create a simple cloud software application for library reservation system for SIMATS library using cloud service providers to demonstrate CoAS.

Ans:-
* To create web API library book reservation software used:-

* Open Source Software (ZOHO.COM)

Procedure:-

i) First open ZOHO website and enter the required info after creating account and browser Greater open click on ?

ii) Create the application form for book reservation system

iii) After creating it takes to function page

iv) Next insert the functions required the names, Email, phone number, date of booking, time to pickup and drop out point

v) After inserting functions click and done
vi) Next press on accessing the application

vii) Next fill the details in the application

viii) click on Submit option

ix) It stores the details according to the requirements

Outcome:-

The application named library book

Staff ID:-

Position:-

Basic Salary:-

Formula:-
(20% OF BS)

Formula:-
(10% OF BS)

Formula:-
(5% OF TAX)

Formula:-
(CCA + DA + TAX) + BS

Aim:-

To create application for payroll system using ZOHO creator

Procedure:-

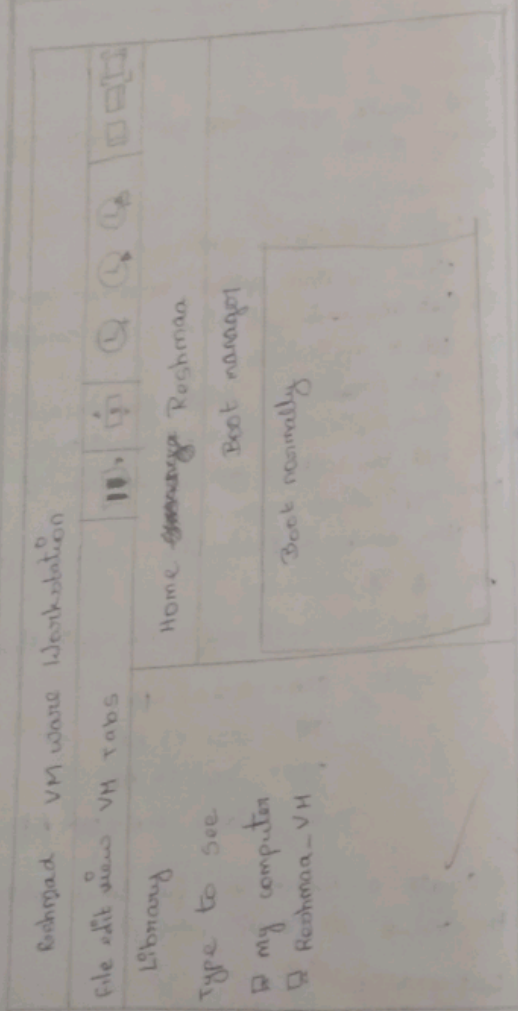
- (i) Login (or) sign ZOHO.COM
- (ii) click creator option (to access your app)
- (iii) Get accessed and click 'creator solution'
- (iv) select application
- (v) Get start from 'create from scratch'
- (vi) Give application name - payroll system
- (vii) Add the entities you would like to add in your application form.
- (viii) Use advanced fields like currency, formula, etc, if it necessary
- (ix) Enter the basic pay in the application form

Formulas:-
 $CCA = 20\% \text{ OF BP}$
 $DA = 10\% \text{ OF BP}$
 $TAX = 5\% \text{ OF BP}$
 $\text{Total Salary} = CCA + DA + BP - TAX$

- (x) Create a workflow for total salary enter the value of Basic pay

Outcome:- Part 2

Thus the application named payroll system has been successfully created by using ZOHO creator.



7/1/20
 Demonstrate virtualization by installing Type-2 Hypervisor in your device. Create and configure VM image with a HOST OS

Aim:-

To demonstrate virtualization by installing Type-2 Hypervisor in device, create and configure VM image with a HOST OS

Software used:-

1. Open Source Software (ZOH0.COM)

Procedure

- (i) Prepare your computer for virtualization
- (ii) Install Hypervisor (virtualization tool)
- (iii) Download and install virtual box
- (iv) Create a virtual machine
- (v) Allocate memory
- (vi) Setup the Hard drive
- (vii) Select storage on physical Hard drive
- (viii) Select file location and size
- (ix) Install the OS and Guest additions
- (x) And Be Run the VM

Outcome:- 2mk

Virtual machine is installed successfully and tested with apps, saas, paas.

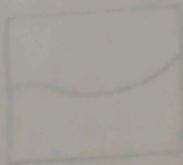
Windows 10

Power on virtual machine

Edit virtual machine

Devices

- ☐ Acceleration 100%
- ☐ Hard disk 2
- ☐ CD/DVD 60 GB
- ☐ Network adapter auto detect
- ☒ USB controller proxmox
- ☐ Sound card auto detect
- ☐ Processor proxmox
- ☐ Display auto detect



Virtual machine details

Status: Power off

Hardware compatibility: workstation 6.14 VM

Proxmox 7.0: Network information not available

RAM and 15 GB storage disk using a type 2 virtualization software

Aim:-

Install VM workstation software and create (or) locate the storage

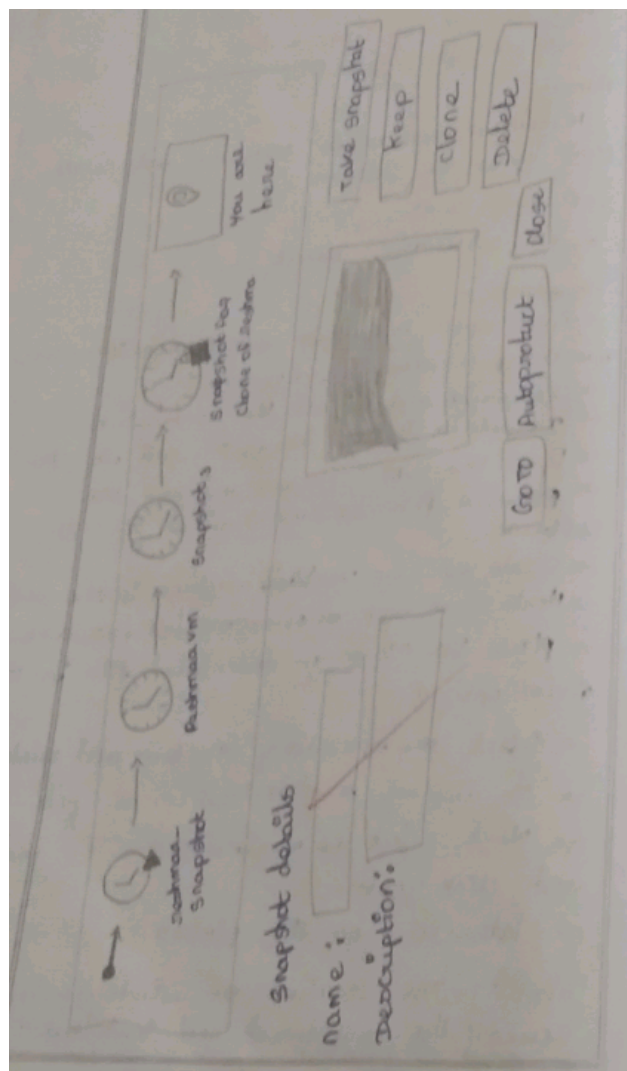
Software Used:-

* VM software ; proxmox

Procedure :-

- First open browser and search VMware workstation (Windows) software
- Download and install the workstation
- Download the OS image of Kali Ubuntu
- Open the VM software and run the
- provide permissions required to our software
- Create the new virtual machine in the software
- Next select type as recommended for software
- place the OS image downloaded file in the given option
- select the operating system and click next
- It display the location of file
- Next select the maximum size of the storage and click next
- later click on the finish

Result:- The creation of windows has been successfully configured and installed on virtual machine software



Q. Create a snapshot and Test it by the previous version?

Aim:-

To create a snapshot and test it by previous version, if the deleted content are restored after loading the saved version of the OS.

Software Used:-

* VMware Workstation (Windows)

Procedure:-

- * Create a snapshot of the VM
- * Deleted few files and restore the snapshot by launching the snapshot version of the VM.
- * To take snapshot first go to windows
- * Give right click. Then we will get option snapshot
- * In snapshot select 'take a snapshot'.
- * Rename the snapshot
- * Then go to Snapshot manager which on top of the page
- * Select the snapshot which we have named
- * The snapshot is created

Outcome:-

The snapshot of the VM has been implemented and tested successfully.

Windows 10

Power on the machine

☐ Edit this VM

✓

☐ memory 14.9GB

☒ Processor 2

☐ Hard disk 60 GB

☒ CD/DVD Auto detect

☒ Network NAT

☒ Printer present

☒ Display Auto detect

Clone:-

☒ power on the machine

☐ Edit this VM

☐ Device

☐ memory 14.9GB

☒ Hard disk processor

☐ Hard disk

☒ CD/DVD Auto detect

☒ Printer present

☒ Display Auto detect

7/6/23

① Create a cloning of a VM and Test it by loading the previous versions?

Aim:-

To create a clone version of existing virtual machinal machine & open it from the storage

Software used:-

* VMware workshop (Windows)

Procedure:-

* Create a clone version of the VM

* Stop the process of running

* Goto windows name (Reshma-VM) select snapshot

* select > revert to 'snapshot'

* Then again shutdown the Guest

* Goto manage and select clone

* Give next → Next → Finish → close

* The clone of (Reshma-VM) is created

Outcome:- Result

Thus the clone of the VM has been implemented and tested successfully

Windows 10
 * power on virtual machine
 edit virtual machine settings

Initial

memory 4-8 GB
 Processor 2
 Hard disk 60 GB
 CD/DVD auto detect
 Network adapter NAT
 USB controller present
 Sound card present
 Printer present
 Display auto detect

Windows 10
 * power on virtual machine
 edit VM settings

Initial

memory 4-8 GB
 Processor 2
 Hard disk 60 GB
 CD/DVD auto detect
 Network adapter NAT
 USB controller present
 Sound card auto detect
 Printer present
 Display auto detect



Virtual machine details
 State: powered off
 Hardware: compatibility
 work station
 Primary IP address:
 Network information
 is not available

Virtual machine details
 State: powered off
 Hardware: workstation
 Primary IP address:
 Network information
 is not available

10

Create a configuration to increase and decrease the screen size?

Aim:-

To create a configuration to increase and decrease the screen size

Software used:-

VMware WorkShop (Windows)

Procedure:-

- * Create a configuration to increase and decrease the screen size
- * Select "Enter set up" in boot manager
- * After that select "configure screen size" in boot maintenance manager and give enter
- * Set screen size and press enter
- * Select commit changes and exit
- * The screen size is increased

Outcome:- Result:

Thus the size of the screen is increased and decreased successfully

- Power on virtual machine
- Edit virtual machine

Device	14.9 GB
Processor	2
Hard disk	60 GB
CD/DVD	Auto detect
Network adapter	NAT
USB controller	Present
Sound card	auto detect
Printer	Present
Display	Auto detect



Virtual machine details:-

State: Power off
 Hardware compatibility: Workstation 16.2 x VM
 Primary id: Network information not available

11 Create a virtual machine with 1v CPU, 2GB RAM and 15GB storage disk using a Type 2 virtualization software?

Aim:-

To create a VM using VMware workstation virtual box with 1v CPU, 2GB RAM and 15GB storage and launch it

Software Used:-

*VMware Workstation (Windows)

Procedure:-

- (i) Install the virtualization software, VM workstation as Type 2
- (ii) Download an OS image file
- (iii) Start VMware
- (iv) Configure the #/w settings
- (v) Install the virtual machine & launch

Outcome:- Result:

The VM ubuntu image has been configured and installed on a Type-2 Hypervisor using VM workstation

- ▶ Power on this virtual machine
- Edit this virtual machine settings

▼ Devices

memory	2 GB
Processor	2
Harddisk (SCSI)	20 GB
CD/DVD	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound card	Auto detect
Printer	Present
Display	Auto detect

Virtual machine details

State powered off
Configuration file:

C:\user\91824\
Document\VM

VMware compatibility: workstation
1b.2 x VM

Primary IP address: Network information
is not available



12

Create a virtual Hard Disk and allocate the storage using VM ware workstation?

Aim:-

To create a virtual Hard disk for the given virtual machine and allocate a round 10 GB of storage from the physical HDD.

Software used:-

* VM ware workstation (windows)

Procedure:-

- * launch the VM using vmware workstation
- * under customize hardware Add storage
- * select appropriate storage types
- * Finish the configuring of storage
- * Check to see if the additional hard disk is added in the VM

Outcome:- Result.

An virtual Hard disk has been added inside the VM machine.

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All Flight Reservation Systems

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Flight Reservation Sys...

Flight reservation sy...

All Flight Reservatio...

Cab Booking Systems

Buying and rental pro...

Library Book Reservat...

Payroll Systems

Passenger Na...

Email

Phone

Address

Rohith ch

ns8907852@gmail.com

+916300406518

Maruthi nagar, Th India

Passenger Name

Rohith ch

Email

ns8907852@gmail.com

Phone

+916300406518

Address

Maruthi nagar, Third street, Nellore, Andhra pradesh, 517001, India

Date

18-Oct-2023

Takeoff Time

07:44:18

Landing Time

13:44:29

Cost of Currency

₹ 5,000.00

Payment status

paid

Available seats

25

Add a comment

S Saranya N

Showing 1 of 1

27°C

Partly sunny

Search

ENG IN

08:33

19-10-2023

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ns89078511 - Web applications

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https://creatorapp.zoho.in/ns89078511/web-applications#Report:Buying_and_rental_process_Report

Web Applications

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Cab Booking Systems>

Buying and rental pro...>

Buying and rental pr...

Buying and rental pr...

Library Book Reservat...>

Payroll Systems>

Buying and rental process Report

Buyer Na...EmailAddress

Srinivasulu Nsrinu56@gmail.comramandhir, Third street, Nellore, Andhra pradesh, 5 India

Buyer NameSrinivasulu N

Emailsrinu56@gmail.com

Addressramandhir, Third street, Nellore, Andhra pradesh, 517001, India

Phone+916300406518

Date20-Oct-2023

Rent per month₹ 5,000.00

Property Addressvsr colony, Third street, Gudur, Andhra pradesh, 517001, India

Number of people living5

Property value₹ 35,00,000.00

Maintainancegood

Property backgroundgood

Add a comment

S Saranya N

Showing 1 of 1

27°CPartly sunny

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WhatsApp

Telegram

Google

Chrome

Firefox

Edge

Outlook

OneDrive

Dropbox

Skype

Zoom

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Slack

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Netflix

Amazon Prime Video

Disney+

Hulu

Netflix

Amazon Prime Video

Disney+

Hulu

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https://creatorapp.zoho.in/ns8907851/web-applications#Report:All_Cab_Booking_Systems

Web Applications

Trial expires in 12 days Upgrade

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Help

Web applications

All Cab Booking Systems

Flight Reservation Sys...

Cab Booking Systems

Cab booking system

All Cab Booking Sys...

Buying and rental pro...

Library Book Reservat...

Payroll Systems

Name	Email	Phone	Address
Ravi kumar	ns8907852@gmail.com	+916300406518	Maruthi nagar, Third

<>

Edit

Duplicate

More

X

Name	Ravi kumar
Email	ns8907852@gmail.com
Phone	+916300406518
Address	Maruthi nagar, Third street, Nellore, Andhra pradesh, 517001, India
Date	18-Oct-2023
Pickup Time	07:30:10
Drop Time	09:30:28
Destination Address	Tirumala, Tirupathi, Chittoor, Andhra pradesh, 517001
Distance	150
Number of Passengers	3
Cab Number	Ap1565

Add a comment

S Saranya N

Showing 1 of 1

27°C Partly sunny

Search

ENG IN

08:33 19-10-2023

Web applications

Flight Reservation Sys...
Cab Booking Systems
Buying and rental pro...
Library Book Reservat...
Library book reserva...
All Library Book Res...
Payrol Systems

All Library Book Reservation Systems

Student Name	Email	Address
sriv	sriv09@gmail.com	scott, nalluragan, thandilam, chennai, 6

Student Name: sriv
Email: sriv09@gmail.com
Address: scott, nalluragan, thandilam, chennai, 621077
Phone: +919550549890
Student id: 192219443
Book name: mathematics
Book cost: ₹ 200.00
Date: 18-Oct-2023
Time: 08:34:26
Purpose: reference
Rent days: 3

Add a comment

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creatorapp.zoho.in/reshmaraghu.../reshmaa#Report:All_Pay_Rolls

Reshma

Total expires in 12 days Upgrade Edit this application Help

Reshma

Orders >Cab Booking >students mark calcula... >Pay Rolls >Pay Roll >All Pay Rolls

All Pay Rolls

Staff Name

reshma r

Staff Phone.no

Email

reshmaraghu...16@gmail.c

Staff Name

reshma r

Staff Phone.no

Email

reshmaraghu...16@gmail.com

Staff id

192211657

Position

Manager

Total Salary

10000

CCA

500.0

DA

1000.0

Tax

3333.3333333333335

Add a comment

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Search

ENG 08:41 AM

