NAME

Phone

address

EMAIL

DOB

Gender

College/ Job

Submit

Reset

Experiment - 1

1) Create a simple cloud software application and provide it as a service any cloud service provider to demonstrate software as a software (SaaS)

Aim: To write a simple cloud software application and provide it as a service using any cloud service provider to demonstrate software as a service (SaaS)

Software used:

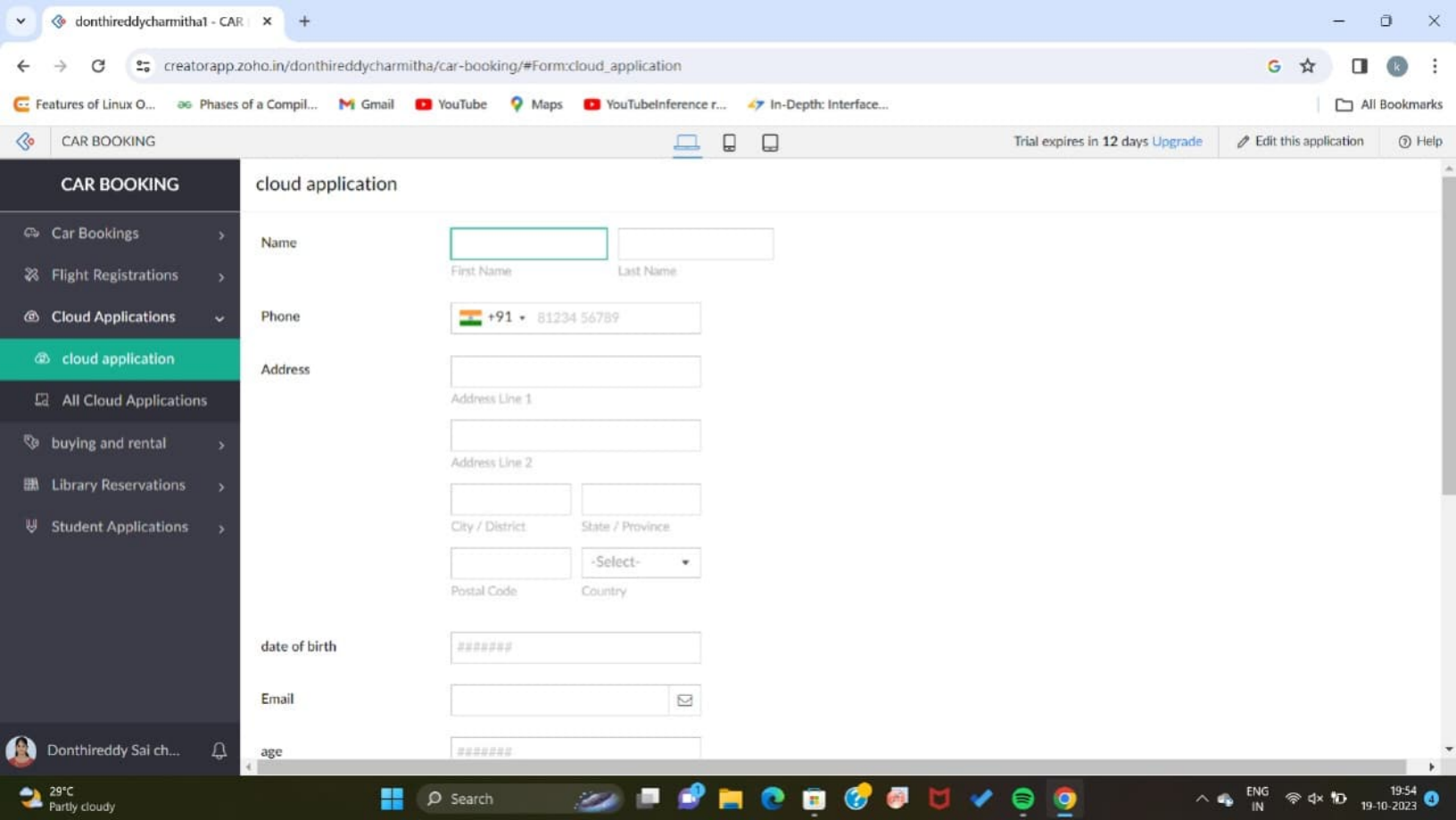
Open source software [zoho.com]

Procedure:

* log in (or) sign in into zoho.com
* click CREATOR option (in Access your apps)
* get accessed and click on "create solution".
* Select application.
* Get start from "create from scratch".
* click "create new form".
* Enter the form name.
* Add the entries you would like the add in your application form.

Outcome:

The application named cab booking agency has be successfully and deployed using zoho creator.


donthireddycharmitha1 - CAR
creatorapp.zoho.in/donthireddycharmitha/car-booking/#Form:cloud_application
Features of Linux O...
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YouTube
Maps
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In-Depth: Interface...
All Bookmarks
CAR BOOKING
Trial expires in 12 days Upgrade
Edit this application
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Car Bookings
Flight Registrations
Cloud Applications
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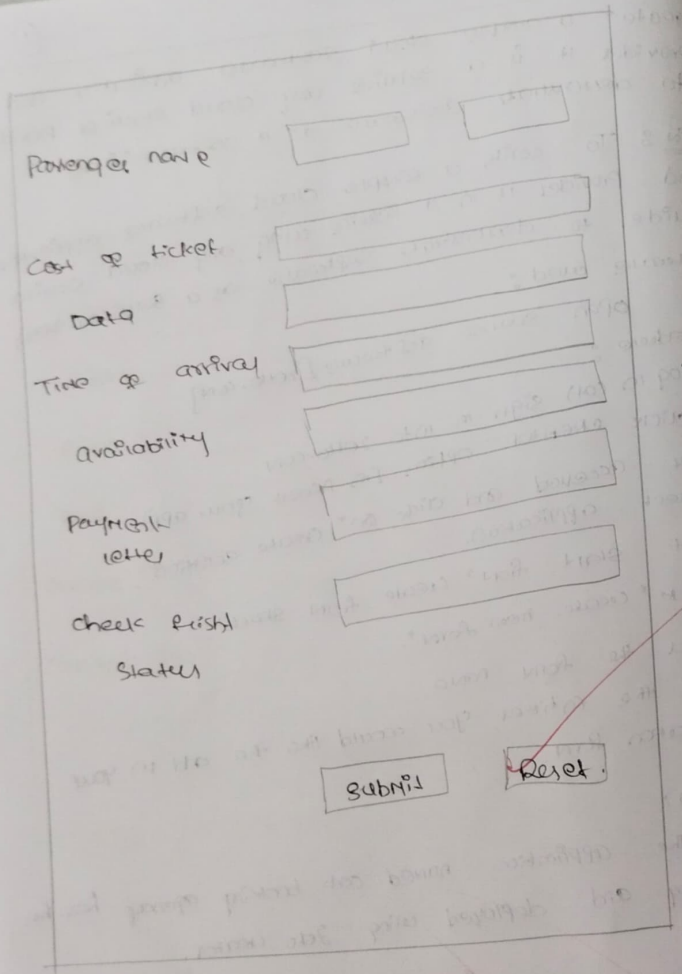


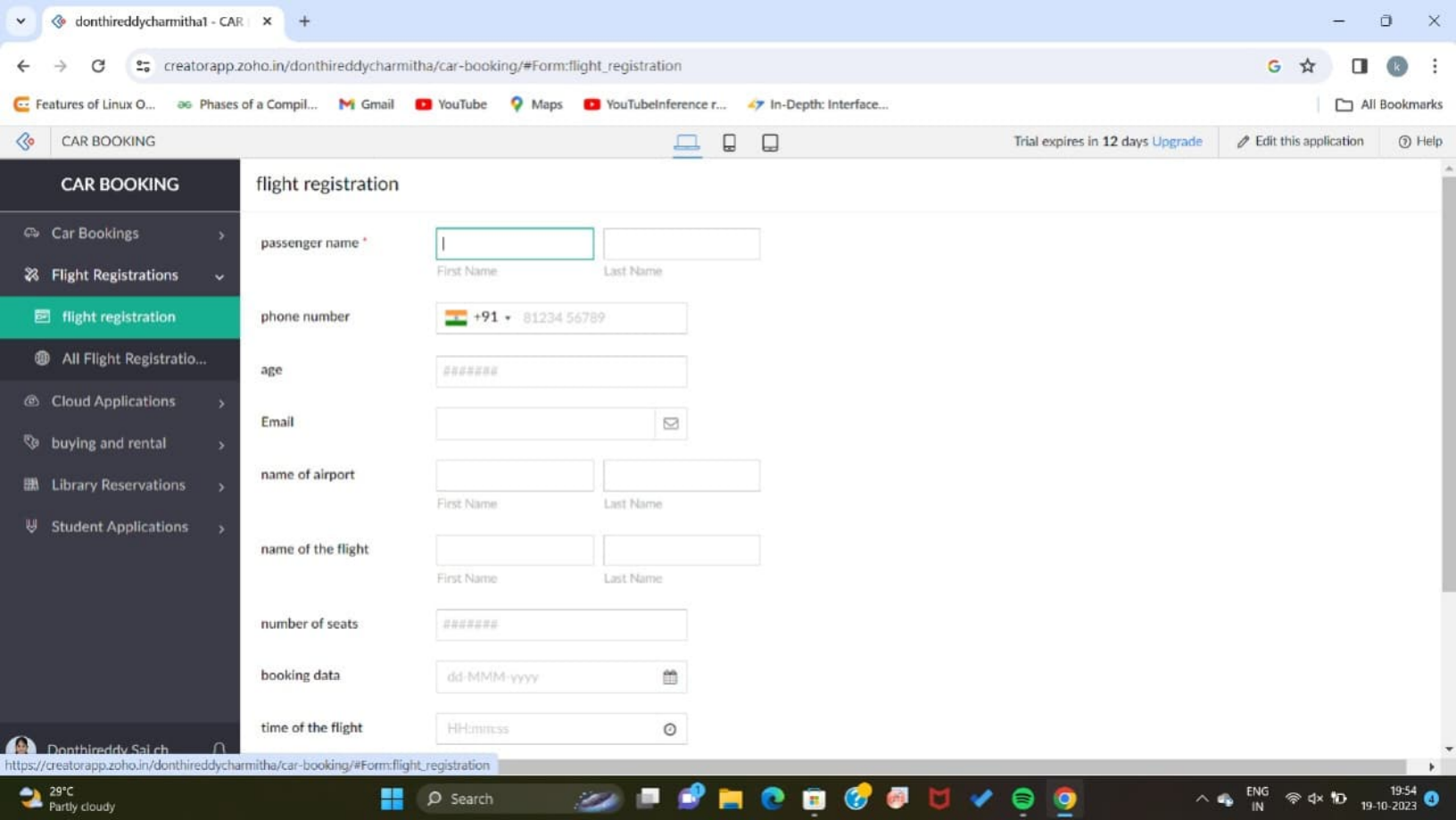
Create a simple cloud software application software for flight Reservation system using any cloud software service provider to demonstrate SaaS.

Aim: To create a simple cloud software application for flight reservation system using any cloud software service provider to demonstrate SaaS.

Procedure:

* Sign up for zoho creator, for a zoho creator account and setup your flight reservation system application
* Define you data structure with tables for flight, passenger and reservations.
* Create user friendly forms for flight booking passenger registration and reservation management
* Implemented automated workflow for tasks like sending confirmation, updating flight availability and management reminder.
* Ensure data security by configuring user role permission for controlled user access
* Customize the UI to deliver an intuitive and branded user interface
* Rigiously test the system are optimize it to resolve any issues
* Deploy your flight Reservation system on the chosen source provider.

Output: The application namely flight booking has been succesfully created and deployed zoho created


donthireddycharmitha1 - CAR
creatorapp.zoho.in/donthireddycharmitha/car-booking/#Form:flight_registration
Features of Linux O...
Phases of a Compil...
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All Bookmarks
CAR BOOKING
Trial expires in 12 days Upgrade
Edit this application
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Car Bookings
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Cloud Applications
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Student Applications
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flight registration
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age
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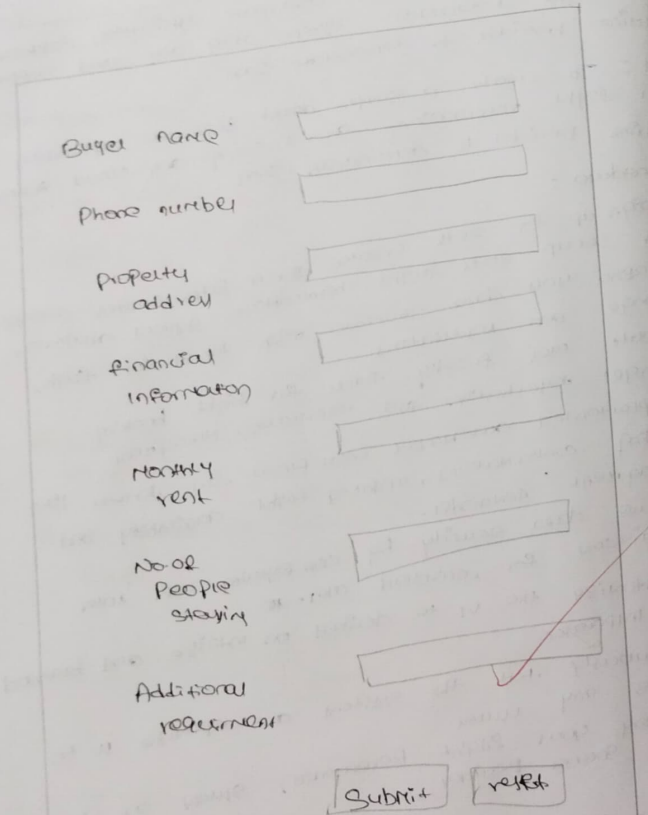


Experiment - 3

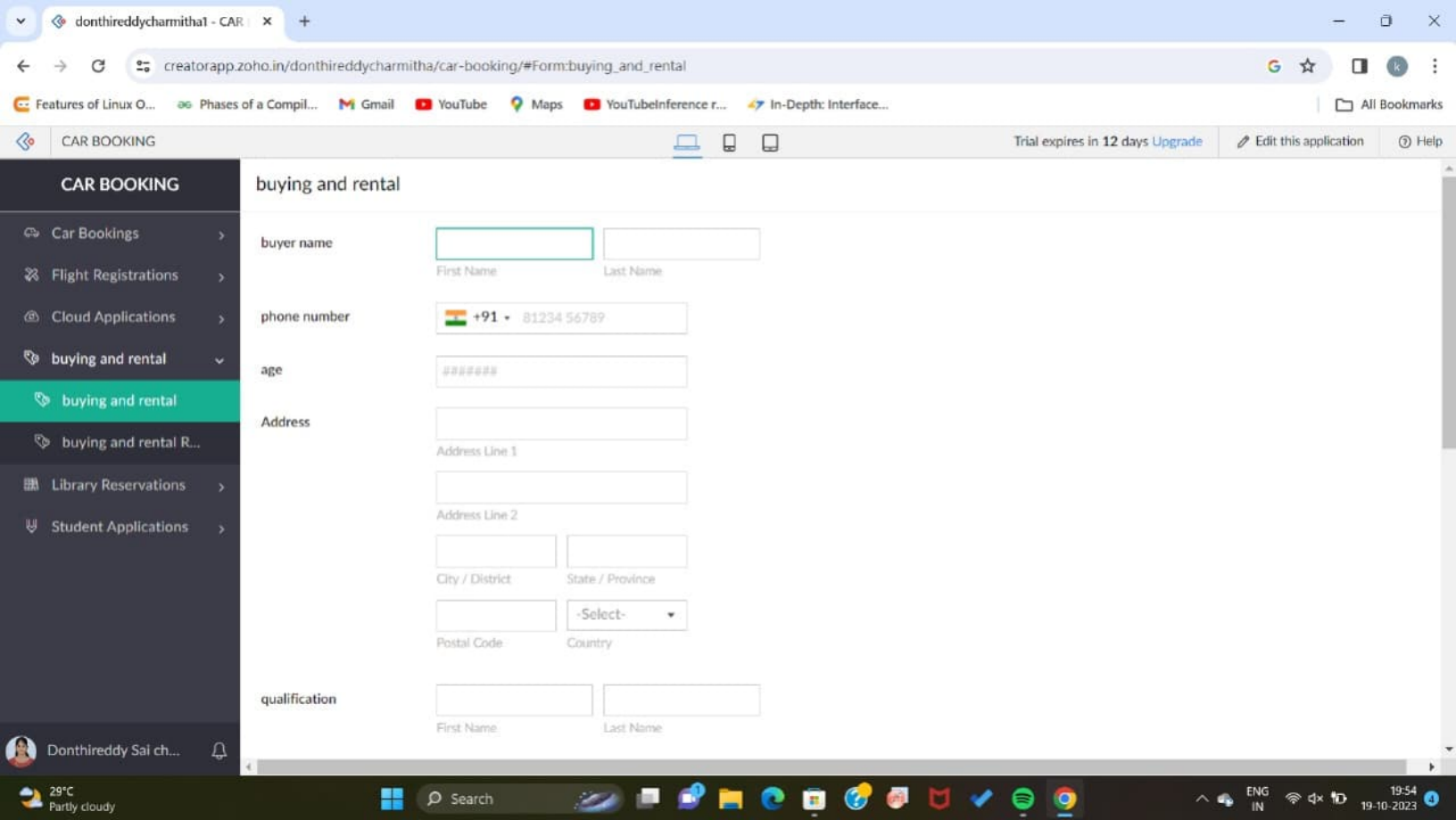
3) Develop a cloud based software application for the property Buying and Rental Process in Chennai, sharing Software as a service (SaaS) to streamline Property transaction and enhance the user experience.

Aim: To develop a cloud based software application for the property buying and Rental Process in Chennai, sharing software as a service (SaaS) to streamline property transaction and enhance the user experience.

Procedure:

* Choose a cloud service provider (eg: Azure, Heroku, AWS) for hosting your property management application.
* Creat a database schema to store property details, user profile, rental agreements and transaction records.
* Develop user registration and authentication features to ensure secure user to the application
* Design a user friendly interface for property listing enabling users to remove filters.
* Integrate geolocation and MAP fatures to provide users with the location of properties
* Deploy the application on your chosen cloud service provider.

output: The application name property buying and rental has successfully created.


donthireddycharmitha1 - CAR
creatorapp.zoho.in/donthireddycharmitha/car-booking/#Form:buying_and_rental
Features of Linux O...
Phases of a Compil...
Gmail
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Maps
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All Bookmarks
CAR BOOKING
Trial expires in 12 days Upgrade
Edit this application
Help
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Car Bookings
Flight Registrations
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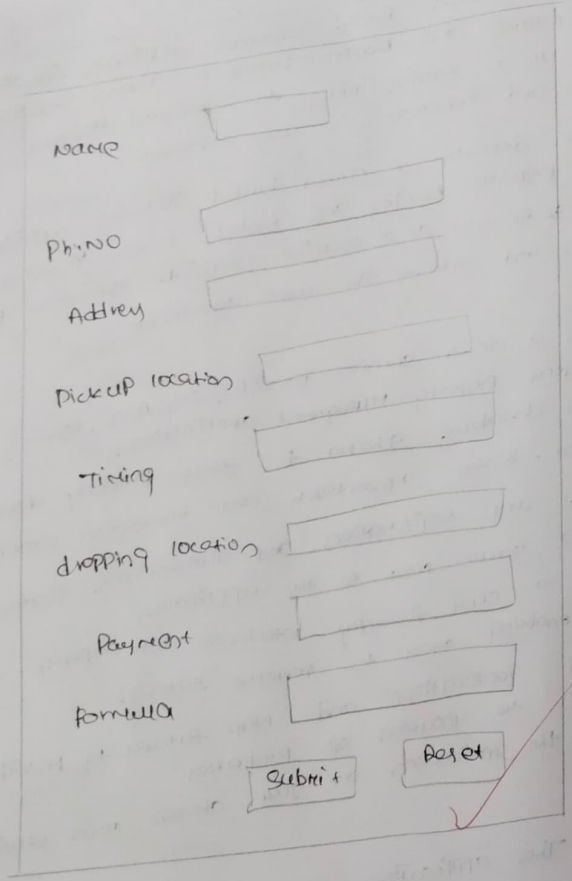


16/10/23 Experiment -4

4) Create a simple cloud software application for car booking reservation system using any cloud service provide to demonstrate saas.

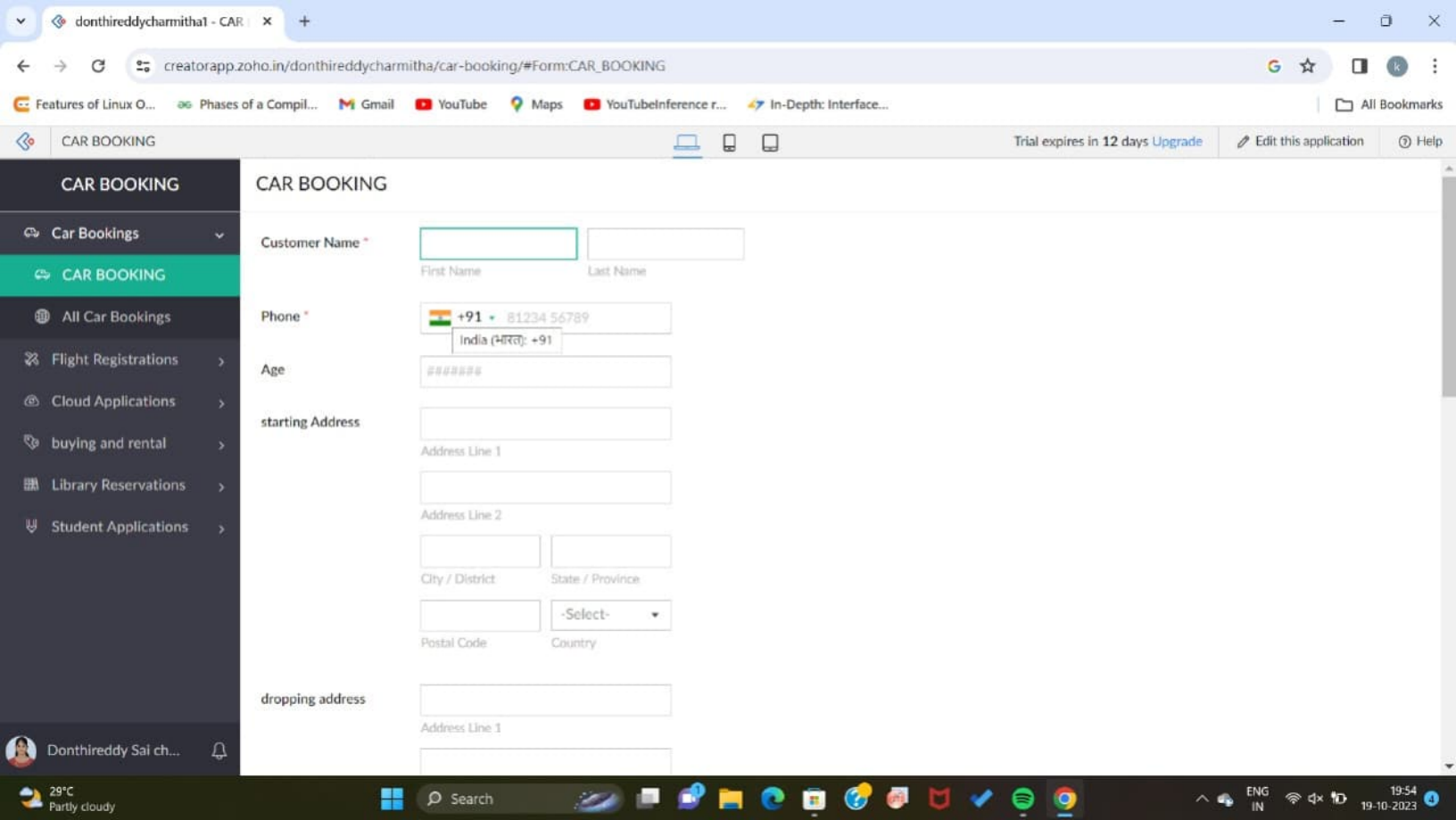
Aim: To create API for car booking reservation system.

Software ~~Apparatus~~: zoho website, internet.

Procedure:

* First open zoho website and enter the cred entail required.
* After creating account open creator in zoho
* create an application for cal booking reservation system.
* After creating it takes to function the names email, phone number data of booking, time to pickup, point, drop out point.
* After inserting function click on done.
* next view on accuing the applications.
* next fill the detail in the applications.
* click on submit option.
* It stores the details ~~[illegible]~~.

Outcome: The application named cal booking reservation. system has be succesfully created and deployed using zoho creator.


donthireddycharmitha1 - CAR
creatorapp.zoho.in/donthireddycharmitha/car-booking/#Form:CAR_BOOKING
Features of Linux O...
Phases of a Compil...
Gmail
YouTube
Maps
YouTubeInference r...
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All Bookmarks
CAR BOOKING
Trial expires in 12 days Upgrade
Edit this application
Help
CAR BOOKING
Car Bookings
CAR BOOKING
All Car Bookings
Flight Registrations
Cloud Applications
buying and rental
Library Reservations
Student Applications
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CAR BOOKING
Customer Name *
First Name
Last Name
Phone *
+91
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Address Line 2
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State / Province
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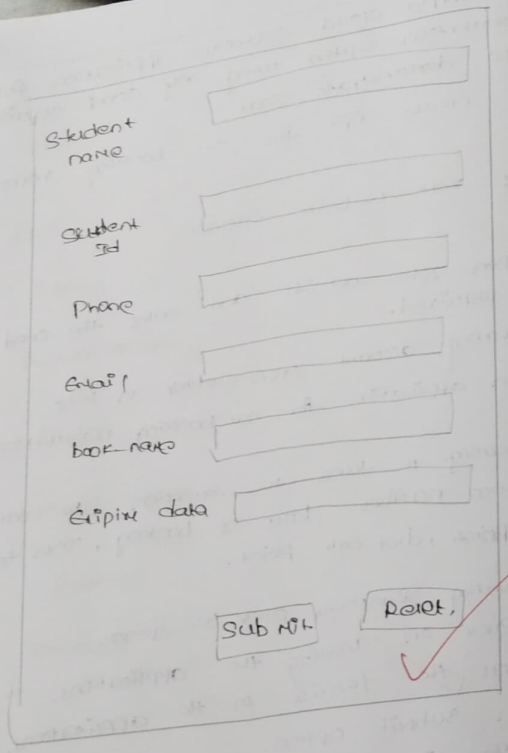


Roll no: 23 Experiment - 5

5) Create a simple cloud software application for library book reservation system using any cloud service Provider to demonstrate saas.

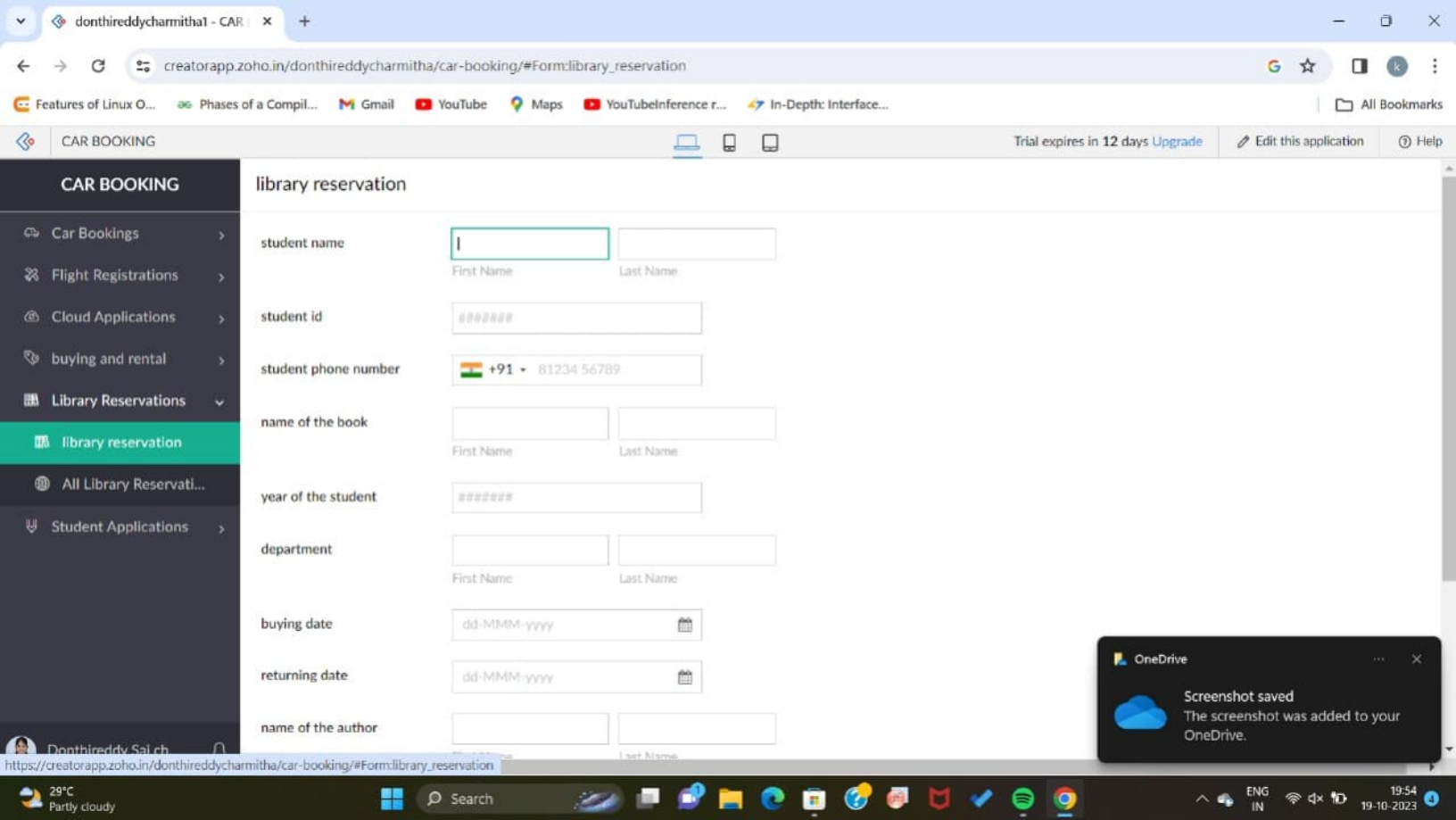
Aim : To create code page API for library book reservation system.

Software Applications required : zoho website, internet

Procedure :

* first open zoho website and enters the credentials required.
* Next after creating account and browser creator open click on it.
* create the application from the book reservation system.
* After creating application, it opens function page
* Next add functions like name, email, Phone No, books, Payment, No. of days, Availability, signature
* After adding functions click on done and select accept application file.
* open the application and fill the details
* later click on submit.
* The data is stored and can view it

Outcome : The application named library book reservation system has be successfully created and deployed using zoho creator.


donthireddycharmitha1 - CAR
creatorapp.zoho.in/donthireddycharmitha/car-booking/#Form:library_reservation
Features of Linux O...
Phases of a Compil...
Gmail
YouTube
Maps
YouTubeInference r...
In-Depth: Interface...
All Bookmarks
CAR BOOKING
Trial expires in 12 days Upgrade
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CAR BOOKING
Car Bookings
Flight Registrations
Cloud Applications
buying and rental
Library Reservations
library reservation
All Library Reservati...
Student Applications
Donthireddy Sai ch
library reservation
student name
First Name
Last Name
student id
student phone number
+91
81234 56789
name of the book
year of the student
department
buying date
dd-MMM-yyyy
returning date
name of the author
OneDrive
Screenshot saved
The screenshot was added to your OneDrive.
https://creatorapp.zoho.in/donthireddycharmitha/car-booking/#Form:library_reservation
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19-10-2023

NAME

MAIL ID

PHONE NUM

NO.OF SUB

MARKS SCORED

AGE

ID NO

GENDER

FATHER NAME

MOTHER NAME

SUBMIT

RESET

AIM : To create web API for student.

Software required : zoho website, internet.

Procedure :

* First open zoho website and enter the credentials required.
* Next after creating account browse created and open it.
* Create an application form for student information.
* After creating it open function page.
* Add functions like name, mail, id, no of student, marks for each subject, total, age, phone no, gender, father, mother name.
* After adding functions click on done and select access application. file.
* Open application file and fill the details
* After filling details click on submit
* The data is store and can view it.

Outcome : The application of creating a web API for student is successfully created and deployed by using zoho software.

CAR BOOKING
Car Bookings
Flight Registrations
Cloud Applications
buying and rental
Library Reservations
Student Applications
student application
All Student Applicati...
Donthireddy Sai ch

student application

name of the student
First Name
Last Name

student id
######

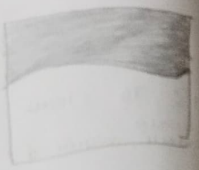
age
######

phone number
+91 81234 56789

student mail

address
Address Line 1
Address Line 2
City / District
State / Province
Postal Code
-Select-
Country

Device	
Memory	8
Processor	
Hard disk	60 GB
CD/DVD	Autodetect
Network Adapter	NAT
USB controller	Present
Sound card	Auto detect
Generic SCSI	auto detect
Display	auto detect



17/10/23

Experiment : 1

Aim : To install VM workstation software and create (or) allocate the storage.

Software Hardware required : VM software, internet.

Procedure :

* First open browser and search VM workstation software.
* Download and install the VM work station software
* Open the VM software and run the software
* Provide permission required to run software
* Create a new virtual machine in the software.
* Next select type recommended for software
* Place the OS image downloaded file in the given option.
* Select the operating system and click next.
* It displays the location of file.
* Next select the MAXIMUM size for storage and click next.
* Later click on the finish.

Outcome : The installation of VM software is successfully created and developed.

lallu - VMware Workstation

File Edit View VM Tabs Help

Library

Type here to se...

My Computer
- charmitha vm
- Clone of charmit
- lallu
- Clone of cha
- Clone of lallu
- charmitha v

Home | charmitha vm | Clone of charmitha vm | My Computer | lallu

lallu

Power on this virtual machine

Edit virtual machine settings

Devices

Memory	2 GB
Processors	2
Hard Disk (NVMe)	60 GB
CD/DVD (SATA)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

Description

Type here to enter a description of this virtual machine.

Virtual Machine Details

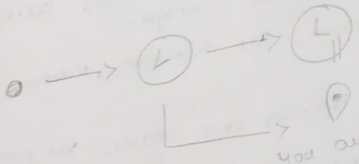
State: Powered off
Snapshot: Snapshot for Clone of lallu
Configuration file: C:\Users\KAVYA\OneDrive\Documents\Virtual Machines\Windows 10 x64 (2)\Windows 10 x64 (2).vmx
Hardware compatibility: Workstation 17.x virtual machine
Primary IP address: Network information is not available

29°C Partly cloudy

Search

ENG IN

19:56 19-10-2023



This is the snapshot of the virtual machine created.

Snapshot details

Name:

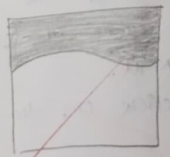
Description

Take Snapshot

Keep

Close

Delete



Help | Auto Protect | Close

17/10/23 Experiment - 8

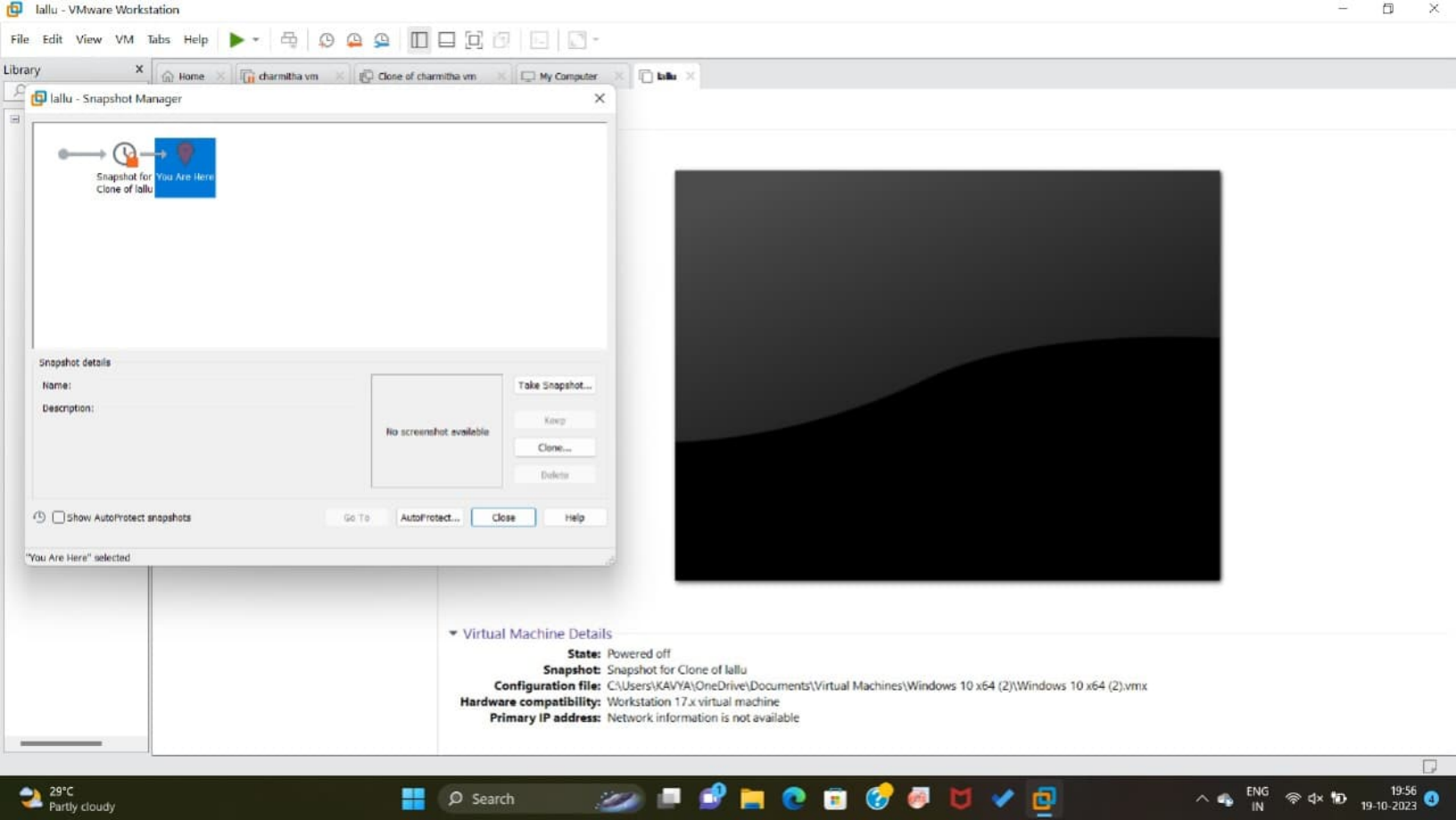
8) Create a snapshot and test it by the previous version.

Aim : To create a snapshot and test ~~take~~ to see if the deleted content are restored after reloading the saved version of the OS.

Procedure :

* Create a snap shot of the VM
* Deleted few files and restore the snap shot by launching the snapshot version of the VM.
* To take snapshot first go to window (Ctrl+H)
* give right click, then we will get option snapshot
* in snapshot select take a snapshot name that.
* 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.


lallu - VMware Workstation
File Edit View VM Tabs Help
Library
Home
charmitha vm
Clone of charmitha vm
My Computer
lallu
lallu - Snapshot Manager
Snapshot for Clone of lallu
You Are Here
Snapshot details
Name:
Description:
No screenshot available
Take Snapshot...
Keep
Clone...
Delete
Show AutoProtect snapshots
Go To
AutoProtect...
Close
Help
"You Are Here" selected
Virtual Machine Details
State: Powered off
Snapshot: Snapshot for Clone of lallu
Configuration file: C:\Users\KAVYA\OneDrive\Documents\Virtual Machines\Windows 10 x64 (2)\Windows 10 x64 (2).vmx
Hardware compatibility: Workstation 17.x virtual machine
Primary IP address: Network information is not available
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Search
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19-10-2023

Efl shell version 2:70
current running mode 1:1:2
device mapping table
blk0 - block device - Alias (null)
blk1 - block device - Alias (null)
shell> echo "hi [illegible] charnitha"

output : Hi charnitha.

Devices :

Memory	5.3 GB
processor	8
Hard disk	60 GB
CD/DVD	Auto detect
Network Adapter	NAT
USB controller	present
sound card	Auto detect
Generic SCSI	Auto detect
Display	Auto detect

14/10/23 Experiment - 9 (9)

9) Create a cloning of a VM and test it by loading the previous version?

Aim : To create a clone version the existing virtual machine & open it from the storage.

procedure :

* Create a clone version of the VM
* Stop the process of running.
* Goto window name (charnitha) select snapshot.
* Select "Revert to snapshot".
* then again shut down the process request.
* Goto manage and select clone.
* Give next → next → finish → close.
* The clone of charnitha is created.

Outcome : Thus the clone of the VM has been implemented and tested successfully.

Clone of lallu - VMware Workstation

File Edit View VM Tabs Help

Library

Type here to se...

My Computer
- charmitha vm
- Clone of charmit
- lallu
- Clone of cha
- Clone of lallu
- charmitha v

Home | charmitha vm | Clone of charmitha vm | My Computer | lallu | Clone of lallu

Clone of lallu

Power on this virtual machine

Edit virtual machine settings

Devices

Memory	2 GB
Processors	2
Hard Disk (NVMe)	60 GB
CD/DVD (SATA)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

Description

Type here to enter a description of this virtual machine.

Virtual Machine Details

State: Powered off

Configuration file: C:\Users\KAVYA\OneDrive\Documents\Virtual Machines\Clone of lallu\Clone of lallu.vmx

Clone of: C:\Users\KAVYA\OneDrive\Documents\Virtual Machines\Windows 10 x64 (2)\Windows 10 x64 (2).vmx

Hardware compatibility: Workstation 17.x virtual machine

Primary IP address: Network information is not available

29°C Partly cloudy

Search

ENG IN

19:56 19-10-2023

Windows 10

Power on virtual Machine

Edit virtual Machine.

Devices

Memory 2

Hard disk 60GB

DVD/CD Auto detect

Network adapty NAT

USB controller Present

Sound card Autodetect

Printer Present

Display Autodetect

Windows 10

Details

Memory 4

Processors 2

Hard disk

CD/DVD Auto

Network Adapter

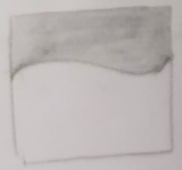
USB Pre controller

Sound Auto Card detect

Printer Pres

Display Auto detect

Virtual device disp



Virtual Machine data

State powered

Date 23

Experiment - 10

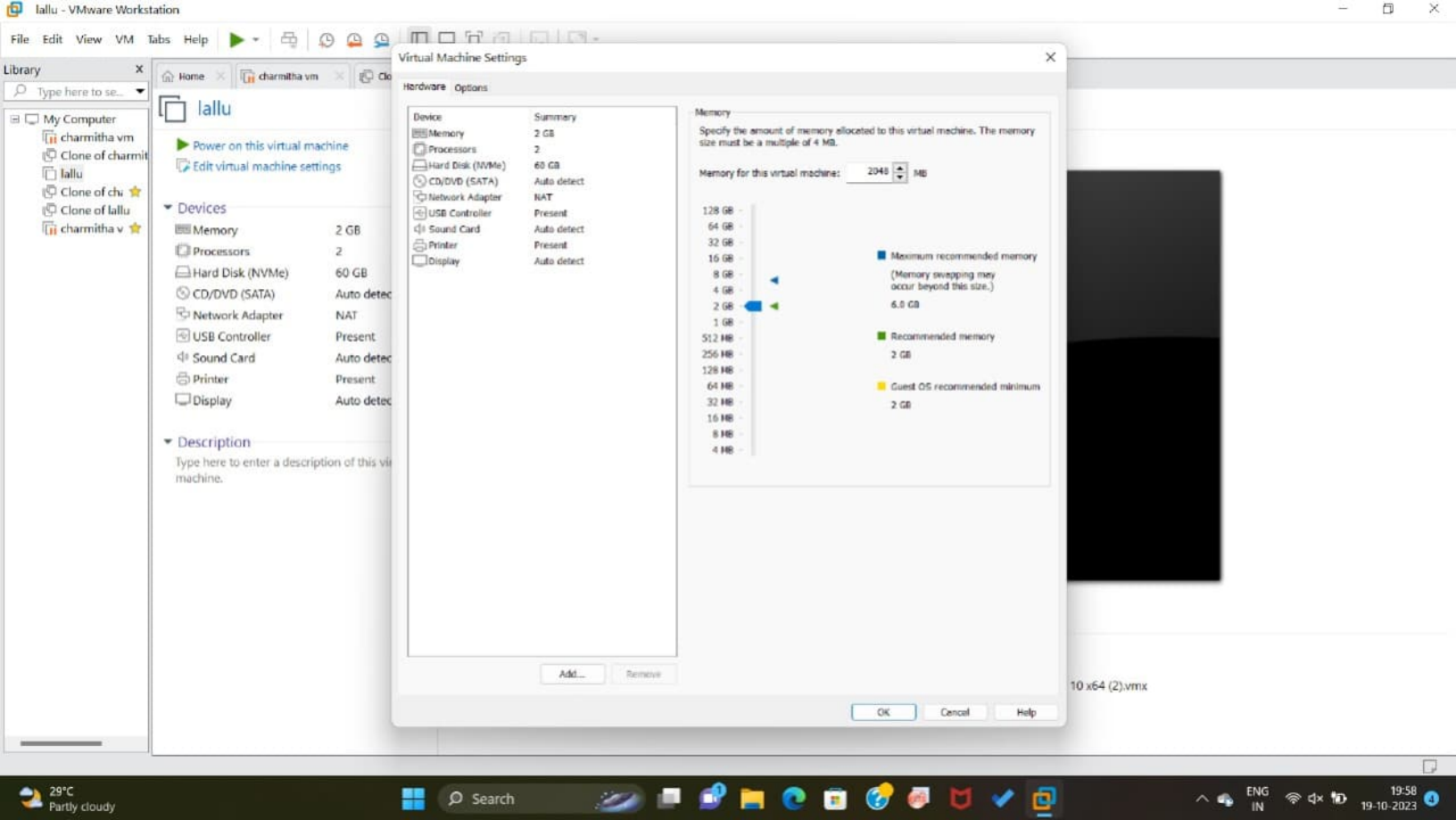
10) Create a configuration to increase and decrease the screen size?

Aim : To created a configuration to increase & decrease the screen size

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: Thus the size of the screen is Increased and decreased successfully.


lallu - VMware Workstation
File Edit View VM Tabs Help
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Type here to se...
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Power on this virtual machine
Edit virtual machine settings
Devices
Memory 2 GB
Processors 2
Hard Disk (NVMe) 60 GB
CD/DVD (SATA) Auto detec
Network Adapter NAT
USB Controller Present
Sound Card Auto detec
Printer Present
Display Auto detec
Description
Type here to enter a description of this vi
machine.
Virtual Machine Settings
Hardware Options
Device Summary
Memory 2 GB
Processors 2
Hard Disk (NVMe) 60 GB
CD/DVD (SATA) Auto detect
Network Adapter NAT
USB Controller Present
Sound Card Auto detect
Printer Present
Display Auto detect
Add... Remove
Memory
Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB.
Memory for this virtual machine: 2048 MB
128 GB
64 GB
32 GB
16 GB
8 GB
4 GB
2 GB
1 GB
512 MB
256 MB
128 MB
64 MB
32 MB
16 MB
8 MB
4 MB
Maximum recommended memory
(Memory swapping may occur beyond this size.)
6.0 GB
Recommended memory
2 GB
Guest OS recommended minimum
2 GB
OK Cancel Help
10 x64 (2).vmx
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19-10-2023

windows 10

Power virtual memory
modify virtual machine

Devices 10.9 GB

Processor 2

Hard disk 60 GB

CD/DVD Auto detect

Network Adapter NAT

USB controller present

Sound card Auto detect

Printer present

Display Autodetect

VM details

State : power off

Hardware compatibility : workstation 16.2 VM

Primary id : Network information not available.

4

/01/23 Experiment - 11

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

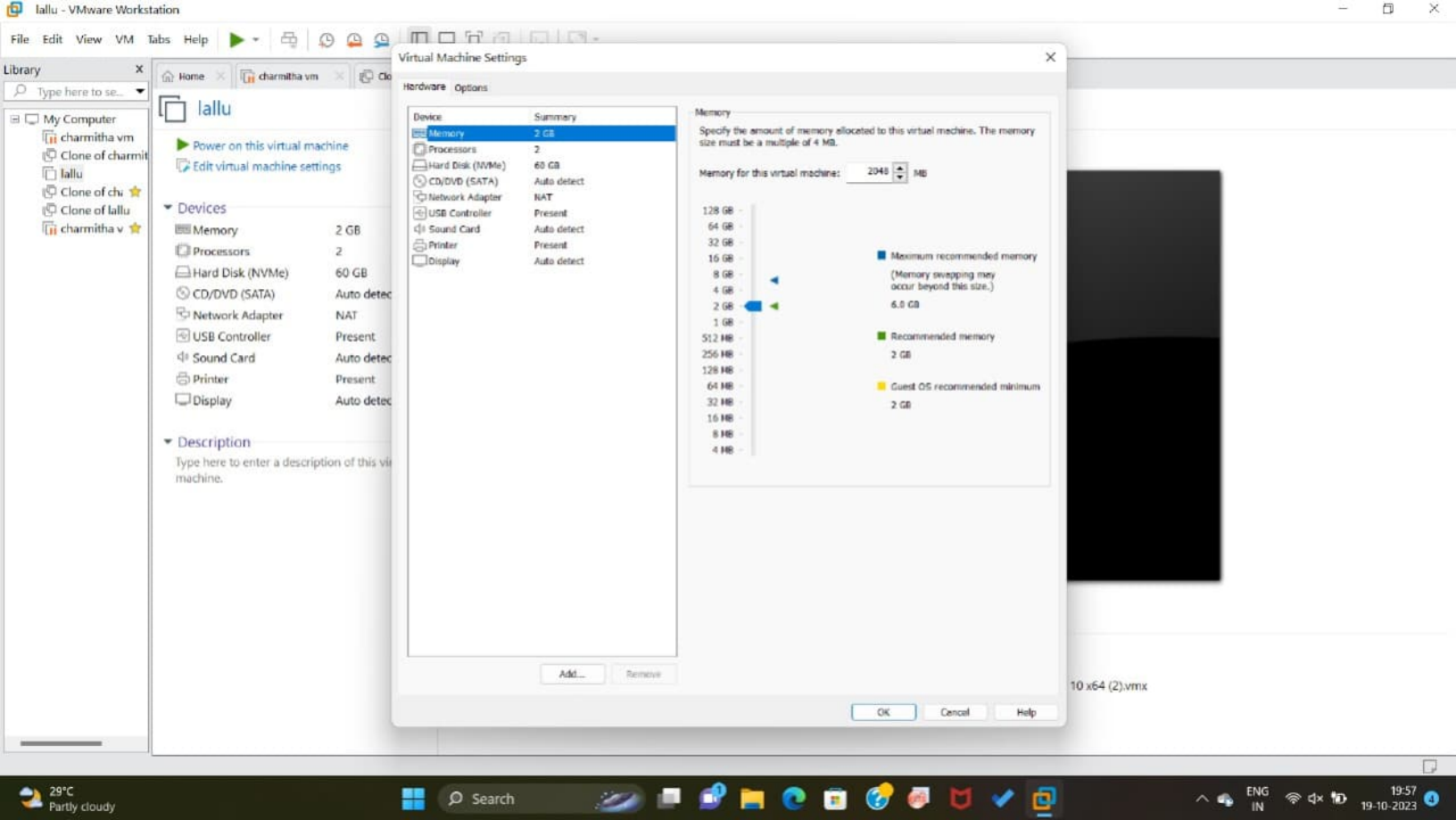
AIM : To create a VM using of VM ware workstation virtual box with 1 v CPU, 2 GB RAM and 15 GB storage and launch it.

Procedure :

* Install the virtualization software - VM ware work-station as type 2.
* Download an OS image (iso)
* Start VM ware
* Configure the settings
* Install the virtual machine & launch.

Specify

Outcome : The VM using Ubuntu image has been configured and installed on a Type-2 Hypervisor using VM ware workstation.


lallu - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to se...
My Computer
charmitha vm
Clone of charmit
lallu
Clone of cha
Clone of lallu
charmitha v
Home
charmitha vm
lallu
Power on this virtual machine
Edit virtual machine settings
Devices
Memory 2 GB
Processors 2
Hard Disk (NVMe) 60 GB
CD/DVD (SATA) Auto detec
Network Adapter NAT
USB Controller Present
Sound Card Auto detec
Printer Present
Display Auto detec
Description
Type here to enter a description of this vi
machine.
Virtual Machine Settings
Hardware Options
Device Summary
Memory 2 GB
Processors 2
Hard Disk (NVMe) 60 GB
CD/DVD (SATA) Auto detect
Network Adapter NAT
USB Controller Present
Sound Card Auto detect
Printer Present
Display Auto detect
Add... Remove
Memory
Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB.
Memory for this virtual machine: 2048 MB
128 GB
64 GB
32 GB
16 GB
8 GB
4 GB
2 GB
1 GB
512 MB
256 MB
128 MB
64 MB
32 MB
16 MB
8 MB
4 MB
Maximum recommended memory
(Memory swapping may occur beyond this size.)
6.0 GB
Recommended memory
2 GB
Guest OS recommended minimum
2 GB
OK Cancel Help
10 x64 (2).vmx
29°C
Partly cloudy
Search
ENG
IN
19:57
19-10-2023

→ power on the virtual machine
→ edit its virtual machine settings
→ device

MEMORY 2GB

PROCESSOR 2

HARD DISK (SCSI) 50GB

CD/DVD · Auto detect

NETWORK ADAPTER NAT

USB CONTROLLER present

SOUND Autodetect

PRINTER present

DISPLAY Auto detect

Virtual Machine details

State Powered Off

Configuration file.

Aim 2

Aim 2

Experiment - 12

10) Create a virtual hard disk and allocate the storage using VM ware workstation.

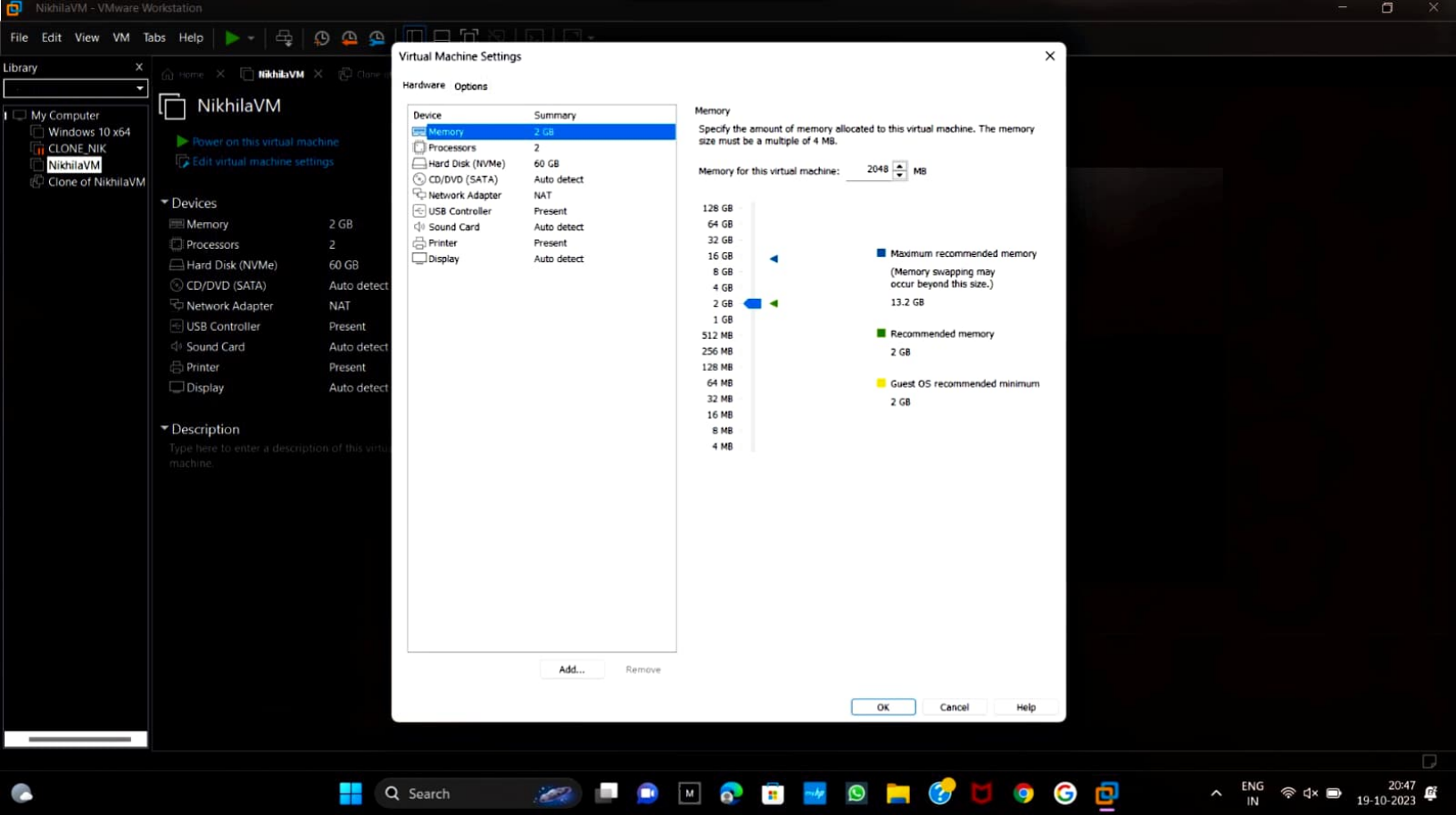
AIM : To create a virtual hard disk for the given virtual machine and allocate around 10GB of storage from the physical HDD.

Procedure :

* launch the VM using VM ware workstation
* under customize hardware add storage.
* Select appropriate storage type.
* Finish the configuration of storage.
* check to see if the addition of hard disk is added in the VM.

Result

Outcome : A virtual hard disk has been added inside the VM Machine.


NikhilaVM - VMware Workstation
File Edit View VM Tabs Help
Library
My Computer
Windows 10 x64
CLONE_NIK
NikhilaVM
Clone of NikhilaVM
Home
NikhilaVM
NikhilaVM
Power on this virtual machine
Edit virtual machine settings
Devices
Memory 2 GB
Processors 2
Hard Disk (NVMe) 60 GB
CD/DVD (SATA) Auto detect
Network Adapter NAT
USB Controller Present
Sound Card Auto detect
Printer Present
Display Auto detect
Description
Type here to enter a description of this virtual machine.
Virtual Machine Settings
Hardware Options
Device Summary
Memory 2 GB
Processors 2
Hard Disk (NVMe) 60 GB
CD/DVD (SATA) Auto detect
Network Adapter NAT
USB Controller Present
Sound Card Auto detect
Printer Present
Display Auto detect
Add... Remove
Memory
Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB.
Memory for this virtual machine: 2048 MB
128 GB
64 GB
32 GB
16 GB
8 GB
4 GB
2 GB
1 GB
512 MB
256 MB
128 MB
64 MB
32 MB
16 MB
8 MB
4 MB
Maximum recommended memory
(Memory swapping may occur beyond this size.)
13.2 GB
Recommended memory
2 GB
Guest OS recommended minimum
2 GB
OK Cancel Help
Search
ENG IN
20:47
19-10-2023