7-10-23

Experiment No: creating web API for car booking system

① **Aim:-** To create API for car booking reservation system

Apparatus:- zoho website, internet.

Procedure:-

→ First open zoho website and enter the credentials required.

→ After creating account open creator in zoho.

→ create an application for car booking reservation system.

→ After creating it takes to function page.

→ Next insert the functions required like Name, Email, phone number, Dode of booking, Time to pickup, Pickup Point, drop out point.

→ After inserting functions click on done.

→ Next press on accessing the application.

→ Next fill the details in the application.

→ click on submit option.

→ It stores the details according to stored and can view it.

Result:- Therefore, the API for can booking is successfully created and Excuted.

Name

First nam

Employee ID

Email ID

Moblie Number

Gender

Booking D

Travel D

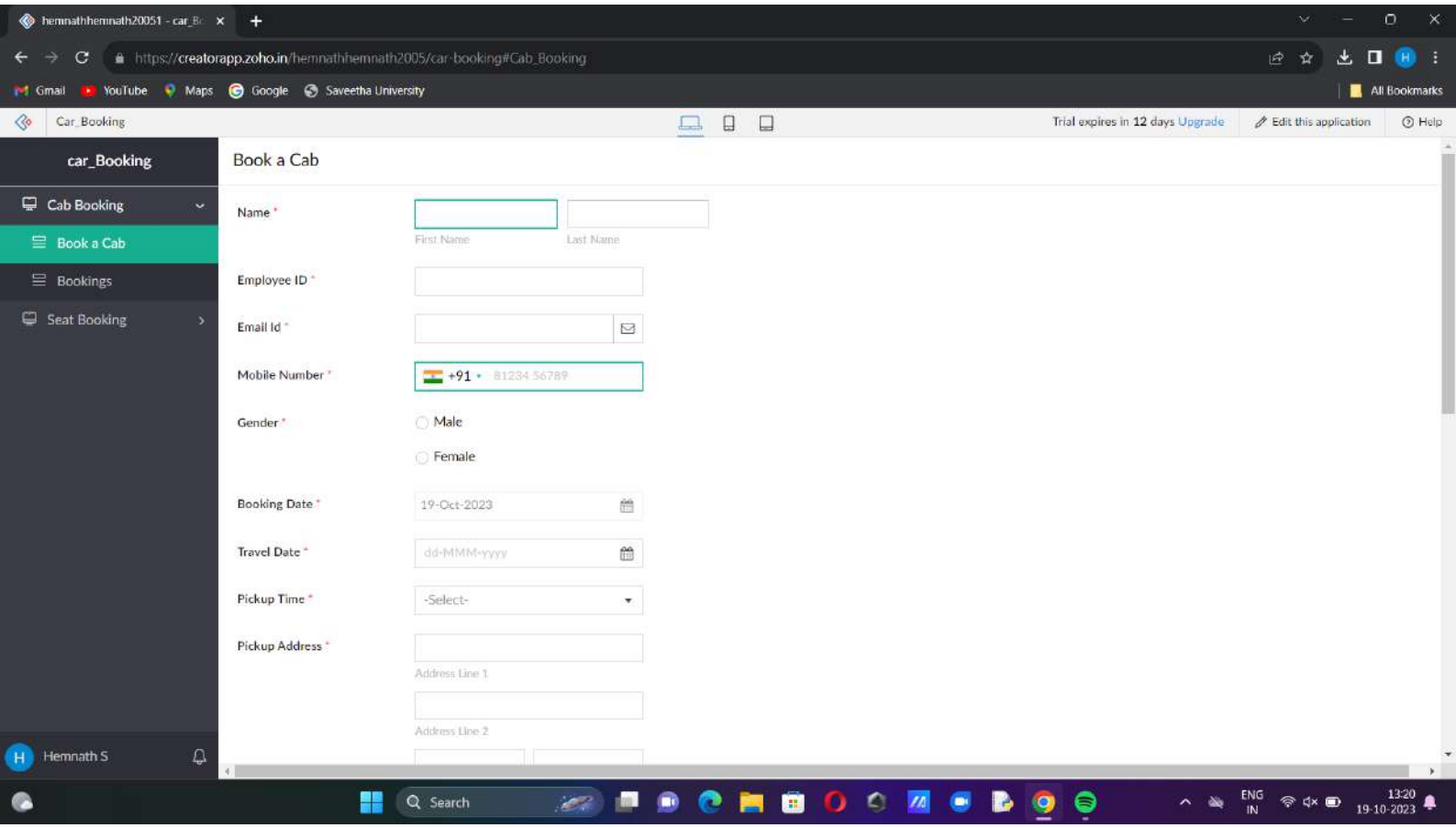
pickup

City

Pi

Dest

Ci


hemnathhemnath20051 - car_B
https://creatorapp.zoho.in/hemnathhemnath2005/car-booking#Cab_Booking
Gmail
YouTube
Maps
Google
Saveetha University
All Bookmarks
Car_Booking
Trial expires in 12 days Upgrade
Edit this application
Help
car_Booking
Cab Booking
Book a Cab
Bookings
Seat Booking
Hemnath S
Book a Cab
Name *
First Name
Last Name
Employee ID *
Email Id *
Mobile Number *
+91
81234 56789
Gender *
Male
Female
Booking Date *
19-Oct-2023
Travel Date *
dd-MMM-yyyy
Pickup Time *
-Select-
Pickup Address *
Address Line 1
Address Line 2
Search
ENG
IN
13:20
19-10-2023

Experiment No : 2

Creating web API for flight reservation system.

Aim :- To create web API for flight reservation system

Apparatus required :- zoho website, internet

procedure :-

-) First open zoho website and enter the credentials required.

-) After creating account click on creator option.

-) create an application for flight reservation system.

-) After creating application it opens function page.

-) After opening add Name, Email, phone Number, No of persons travelling, Date of Journey, distance, Ticket Amount Proof, Time of boarding, place of boarding, place of landing.

-) After adding click on done and person access file application.

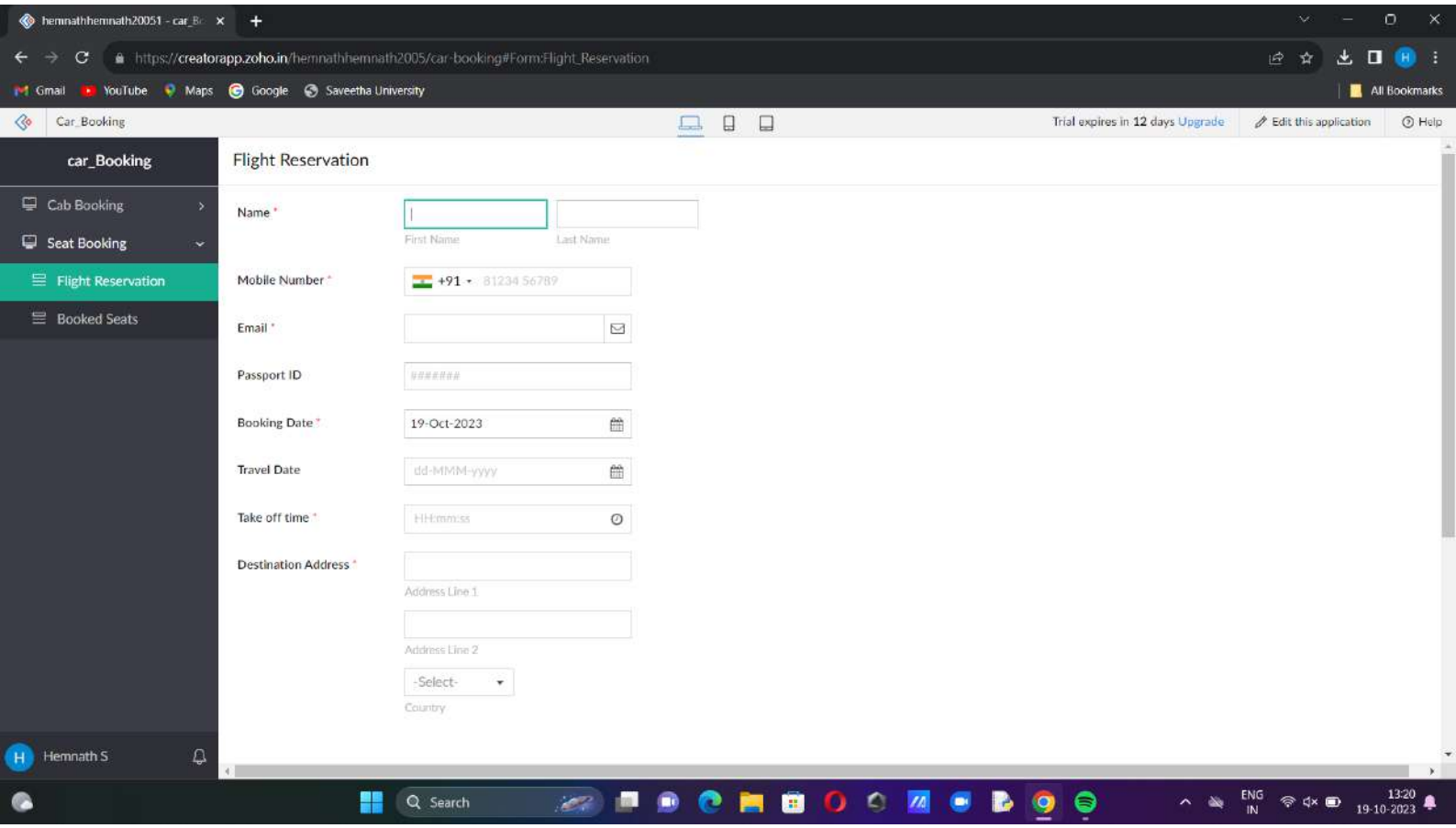
-) open the application.

-) fill the details in the application.

-) Next click on submit.

-) the data is stored and can view it.

Result :- The application named flight Reservation has been successfully created and deployed using Zoho.


hemnathhemnath20051 - car_B
https://creatorapp.zoho.in/hemnathhemnath2005/car-booking#Form:Flight_Reservation
Gmail
YouTube
Maps
Google
Saveetha University
All Bookmarks
Car_Booking
Trial expires in 12 days Upgrade
Edit this application
Help
car_Booking
Cab Booking
Seat Booking
Flight Reservation
Booked Seats
Hemnath S
Flight Reservation
Name *
First Name
Last Name
Mobile Number *
+91
81234 56789
Email *
Passport ID
#######
Booking Date *
19-Oct-2023
Travel Date
dd-MMM-yyyy
Take off time *
HH:mm:ss
Destination Address *
Address Line 1
Address Line 2
-Select-
Country
Search
ENG
IN
13:20
19-10-2023

Experiment No :-3

Creating web API for property Buying and rental process.

③ Aim :- To create web API for property Buying and Rental process.

Appartus required :- zoho website, Internet.

procedure :-

→ First open zoho website and enter the credentials required.

→ After creating account, click on creater option.

→ create an application for property buying and rental process.

→ After creating application it opens function page.

→ Next add the functions like Name, Email, property value, proofs, place for property, rent, payment.

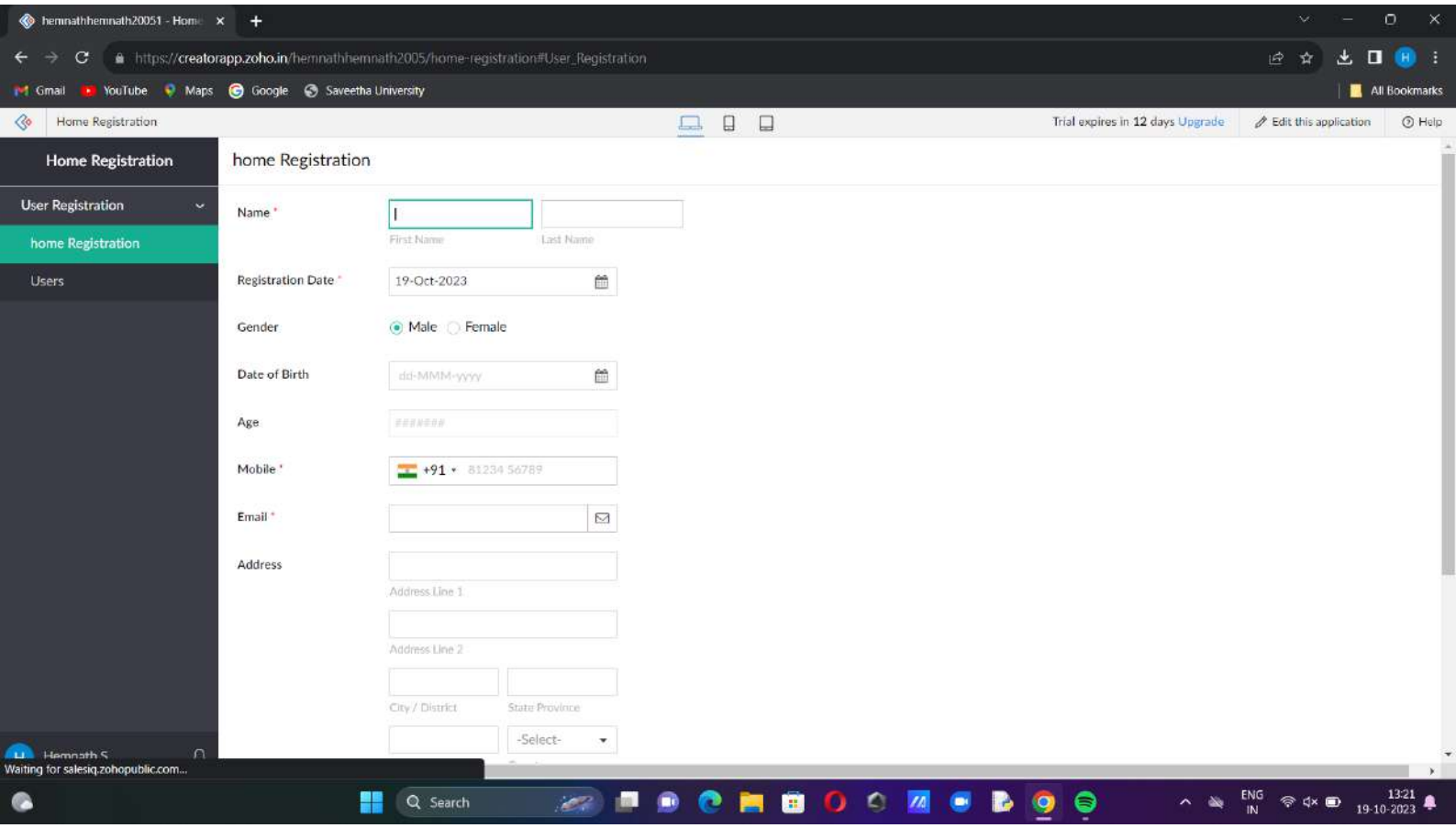
→ After adding functions click on done and select accessing file application.

→ Next open the application and fill the details.

→ After filling details click on submit.

→ The data is stored and can view it.

Result :- The application Name property is successfully developed using zoho.


hemnathhemnath20051 - Home
https://creatorapp.zoho.in/hemnathhemnath2005/home-registration#User_Registration
Gmail
YouTube
Maps
Google
Saveetha University
All Bookmarks
Home Registration
Trial expires in 12 days Upgrade
Edit this application
Help
Home Registration
User Registration
home Registration
Users
home Registration
Name *
First Name
Last Name
Registration Date *
19-Oct-2023
Gender
Male
Female
Date of Birth
dd-MMM-yyyy
Age
Mobile *
+91
81234 56789
Email *
Address
Address Line 1
Address Line 2
City / District
State Province
-Select-
Hemnath S
Waiting for salesiq.zohopublic.com...
Search
ENG
IN
13:21
19-10-2023

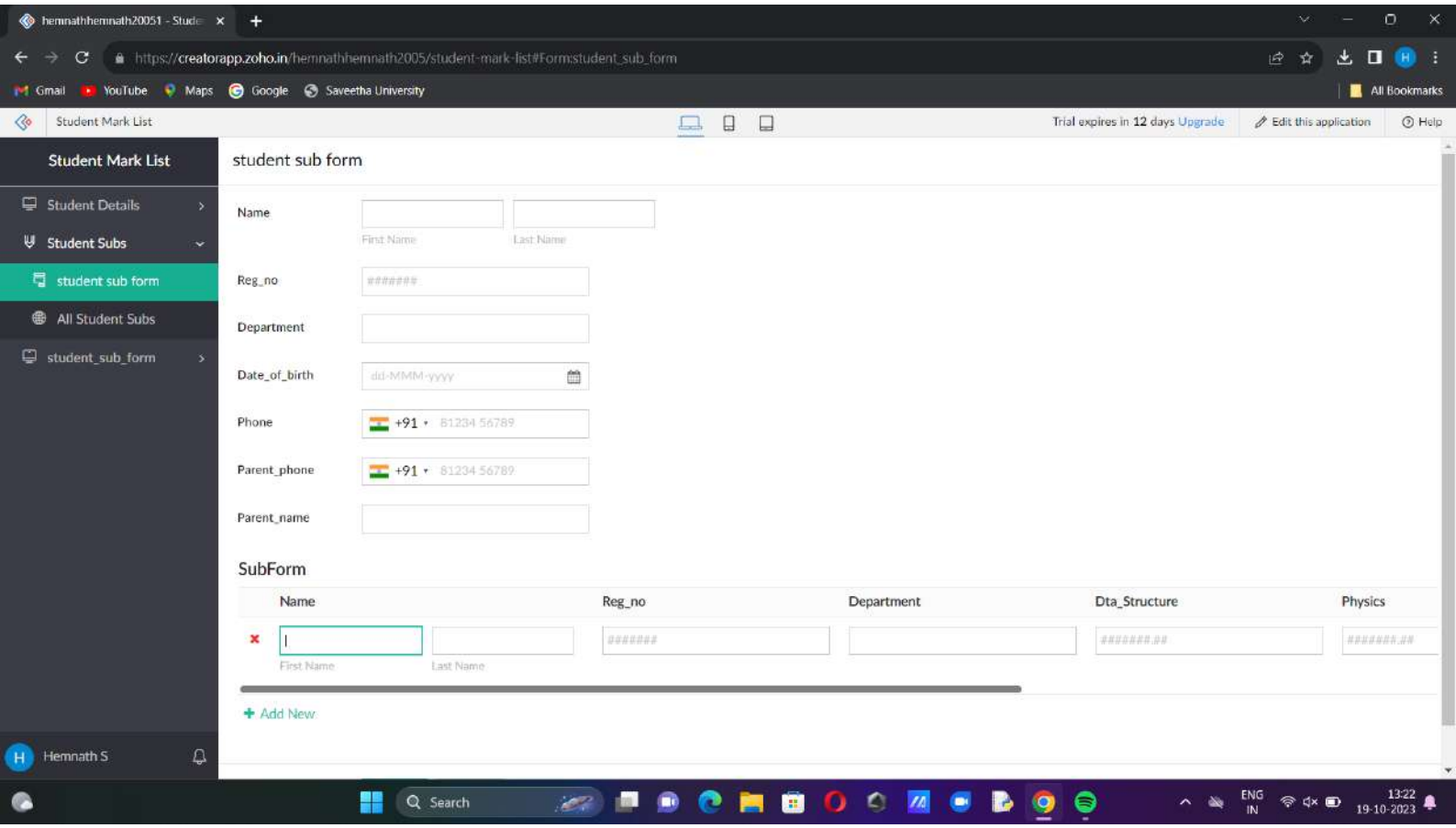
Experiment No:- 4 creating web API for Library book system.

④ Aim:- To create web API for library book reservation system.

Apparatus required:-

-) First open zoho website and enter the credentials required.
-) Next after creating account and browse creator open click on it
-) create the application from for 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 access application file.
-) open the application and fill the details.
-) Later click on submit
-) The data is stored view it.

Result:- The application has been successfully created using Zoho


hemnathhemnath20051 - Stude
https://creatorapp.zoho.in/hemnathhemnath2005/student-mark-list#Form:student_sub_form
Gmail
YouTube
Maps
Google
Saveetha University
All Bookmarks
Student Mark List
Trial expires in 12 days Upgrade
Edit this application
Help
Student Mark List
Student Details
Student Subs
student sub form
All Student Subs
student_sub_form
Hemnath S
student sub form
Name
First Name
Last Name
Reg_no
Department
Date_of_birth
dd-MMM-yyyy
Phone
+91
81234 56789
Parent_phone
Parent_name
SubForm
Name
Reg_no
Department
Dta_Structure
Physics
Add New
Search
ENG
IN
13:22
19-10-2023

Experiment No: 5

Create web API for Basic pay stem.

(5) Aim:- To create web API for Basic pay system.

Apparatus required:- Zoho website, Internet.

procedure :-

-) First open Zoho website and enter the credentials required.

-) After creating account, click on creator option.

-) create an application it opens function page.

-) Next add the functions like Name, Email, date of joining, employee id, designation, Basic pay, DA-%, CCA-%, Tax, Total salary, formula.

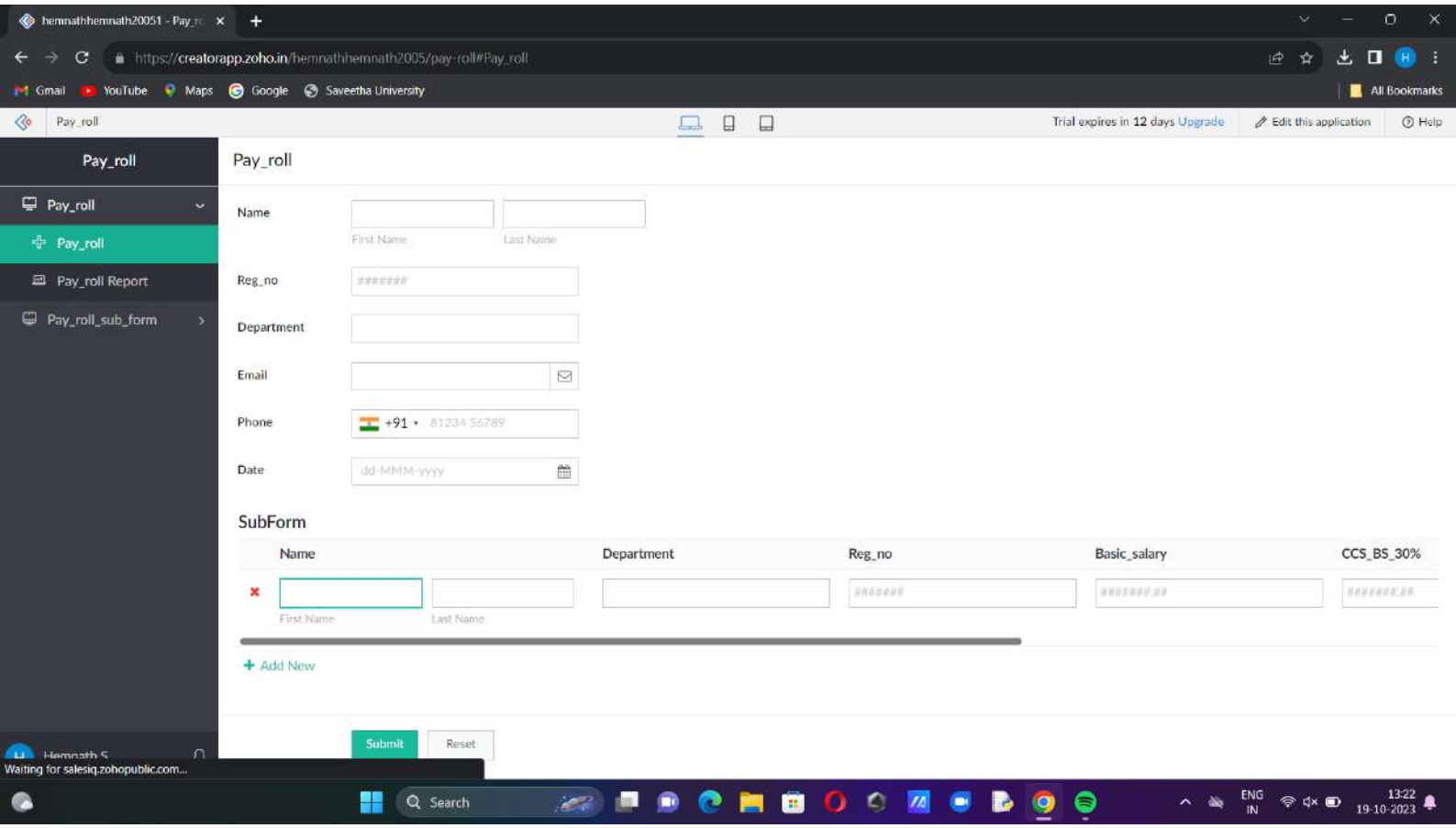
-) After adding functions, click on done and select accessing file application.

-) Next open the application and fill the detail.

-) After filling the details click on submit

-) The data is stored and can view it.

Result:- The application was created successfully using Zoho.


hemnathhemnath20051 - Pay_r
https://creatorapp.zoho.in/hemnathhemnath2005/pay-roll#Pay_roll
Gmail
YouTube
Maps
Google
Saveetha University
All Bookmarks
Pay_roll
Trial expires in 12 days Upgrade
Edit this application
Help
Pay_roll
Pay_roll
Pay_roll
Pay_roll
Pay_roll Report
Pay_roll_sub_form
Name
First Name
Last Name
Reg_no
Department
Email
Phone
+91
81234 56789
Date
dd-MMM-yyyy
SubForm
Name
Department
Reg_no
Basic_salary
CCS_BS_30%
First Name
Last Name
Add New
Submit
Reset
Waiting for salesiq.zohopublic.com...
Search
ENG
IN
13:22
19-10-2023

Experiment No: 6

creating web API for student information system.

⑥ Aim :- To create Web API for student.

Apparatus required :- Zoho website, internet

Procedure :-

→ First open zoho website and enter the credntials required.

→ next after creating account browse creator and open it.

→ creak an application form for student information.

→ After creating it, opens fuction page.

→ Add functions like Name, Email, Id, No of subjects, marks for each subjet, Total, Age, Phone no, Gender, Father, Mother name.

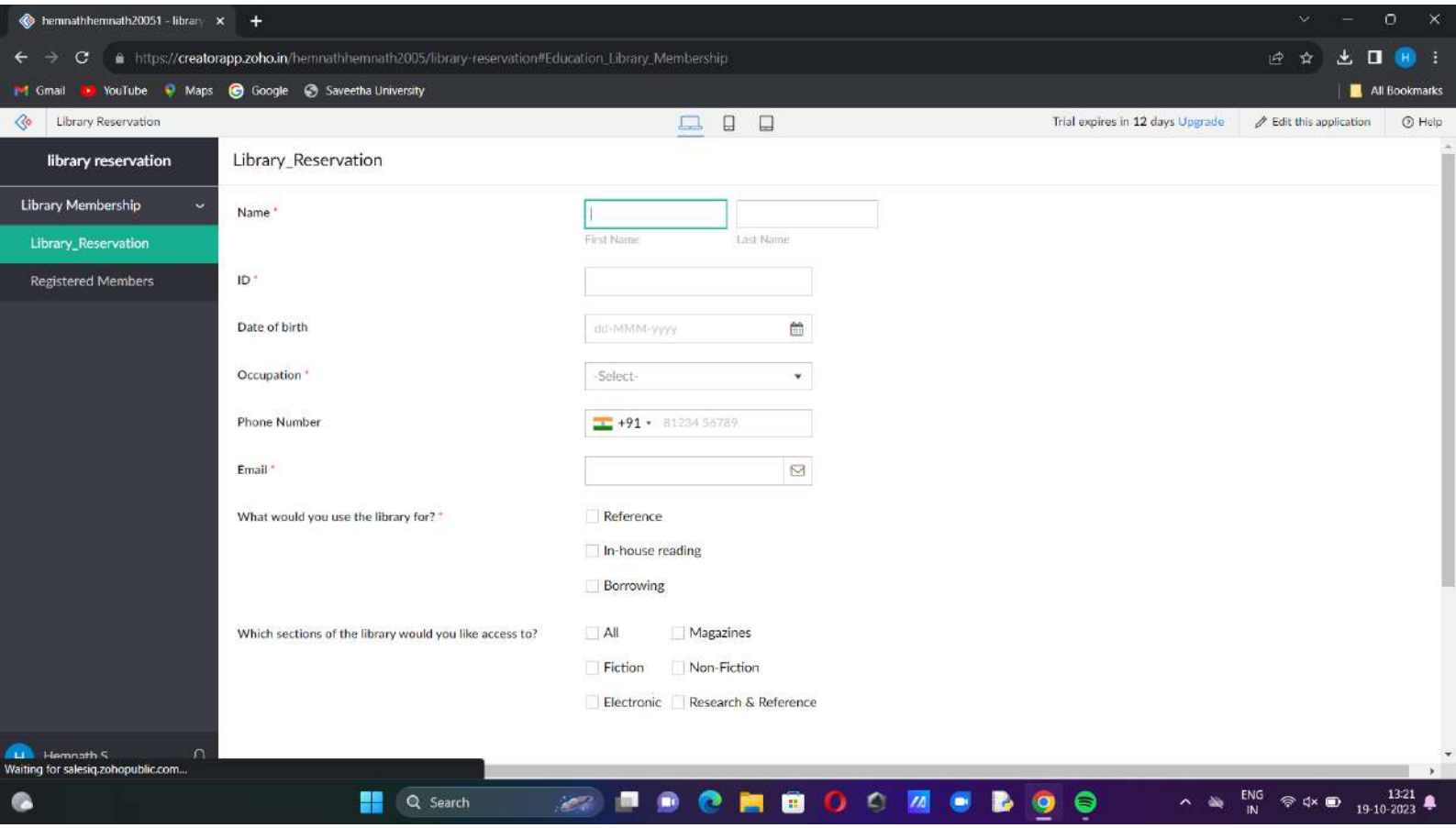
→ After adding functions click on done and slelct accept application file.

→ open application file and fill the details.

→ After filling, details click on Submit.

→ The data is store and can view it.

Result :- The application has created sucessfully and deployed using Zoho creator.


hemnathhemnath20051 - library
https://creatorapp.zoho.in/hemnathhemnath2005/library-reservation#Education_Library_Membership
Gmail
YouTube
Maps
Google
Saveetha University
All Bookmarks
Library Reservation
Trial expires in 12 days Upgrade
Edit this application
Help
library reservation
Library Membership
Library_Reservation
Registered Members
Library_Reservation
Name *
First Name
Last Name
ID *
Date of birth
dd-MMM-yyyy
Occupation *
-Select-
Phone Number
+91
81234 56789
Email *
What would you use the library for? *
Reference
In-house reading
Borrowing
Which sections of the library would you like access to?
All
Magazines
Fiction
Non-Fiction
Electronic
Research & Reference
Hemnath S
Waiting for salesiq.zohopublic.com...
Search
ENG
IN
13:21
19-10-2023

Experiment No:-

To install VM workstation and allocate the storage.

① Aim:- To install Vm workstation software and Create (or) allocate the storage.

Apparatus required:- Vm software, internet.

Procedure:- → First open browser and install the vm work station software.

→ Download the os image of kali Linux and ubuntu.

→ open the vm software and ubuntu.

→ open the Vm software and run the software

→ provide permissions required to run software.

→ create the new virtual machine in the software.

→ Next select type recommended for software

→ place the os image downloaded file on the given option.

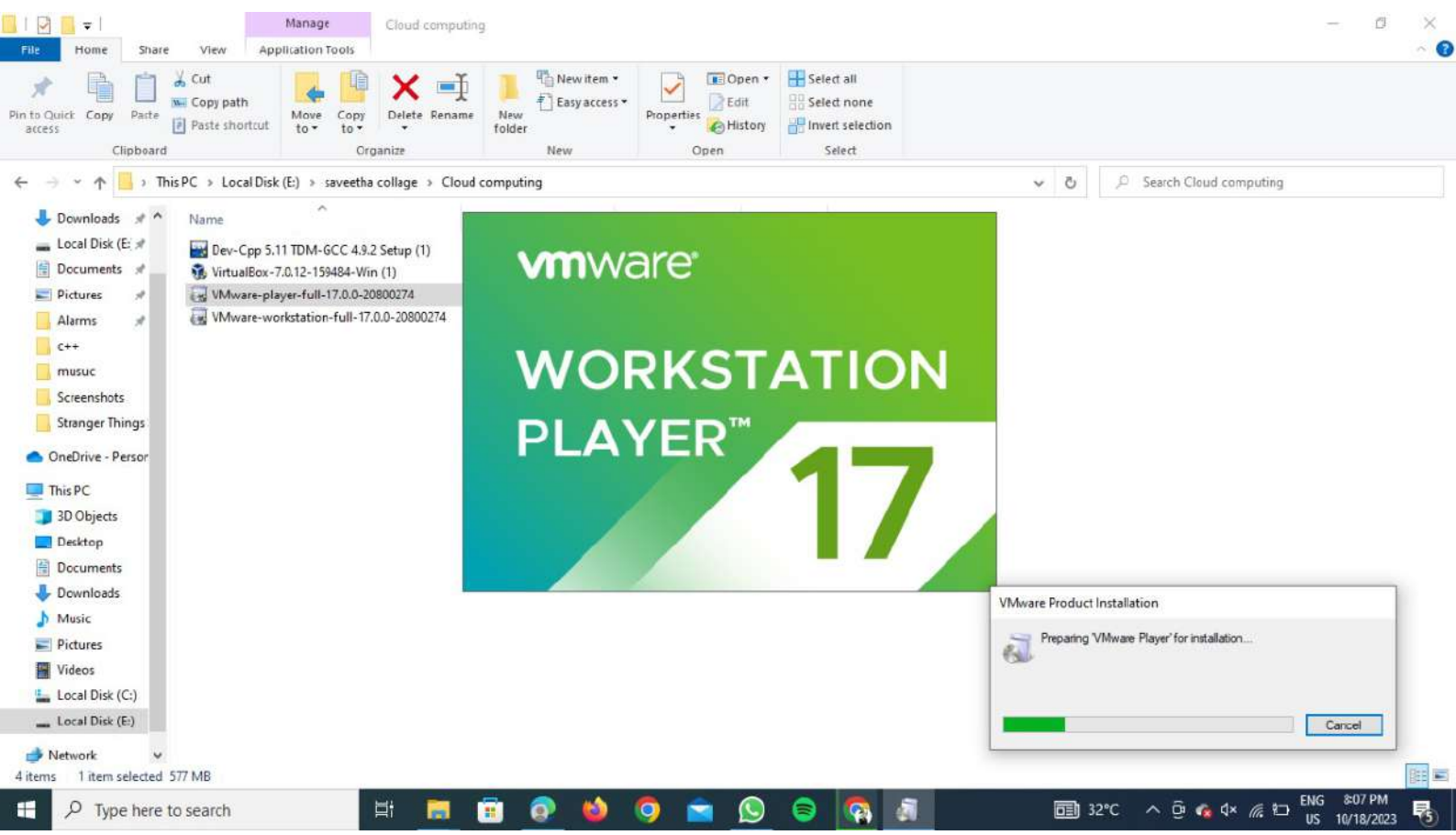
→ select the operating system and click next.

→ It displays the location of file.

→ Next select the maximum size of storage and click next.

→ Later click on the finish.

Result:- Sucessfuly installed Vm workstation software and Creat (or) allocate the storage.


Manage
Cloud computing
File
Home
Share
View
Application Tools
Pin to Quick access
Copy
Paste
Cut
Copy path
Paste shortcut
Clipboard
Move to
Copy to
Delete
Rename
Organize
New folder
New item
Easy access
New
Properties
Open
Edit
History
Open
Select all
Select none
Invert selection
Select
This PC
Local Disk (E:)
saveetha collage
Cloud computing
Search Cloud computing
Downloads
Local Disk (E:
Documents
Pictures
Alarms
c++
musuc
Screenshots
Stranger Things
OneDrive - Persor
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
Local Disk (E:)
Network
Name
Dev-Cpp 5.11 TDM-GCC 4.9.2 Setup (1)
VirtualBox-7.0.12-159484-Win (1)
VMware-player-full-17.0.0-20800274
VMware-workstation-full-17.0.0-20800274
vmware
WORKSTATION
PLAYER™
17
VMware Product Installation
Preparing 'VMware Player' for installation...
Cancel
4 items
1 item selected 577 MB
Type here to search
32°C
ENG
US
8:07 PM
10/18/2023

(8) create a snapshot and test it by the previous version?

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

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 window (peepole).

=) Give right click, then we will get option snapshot.

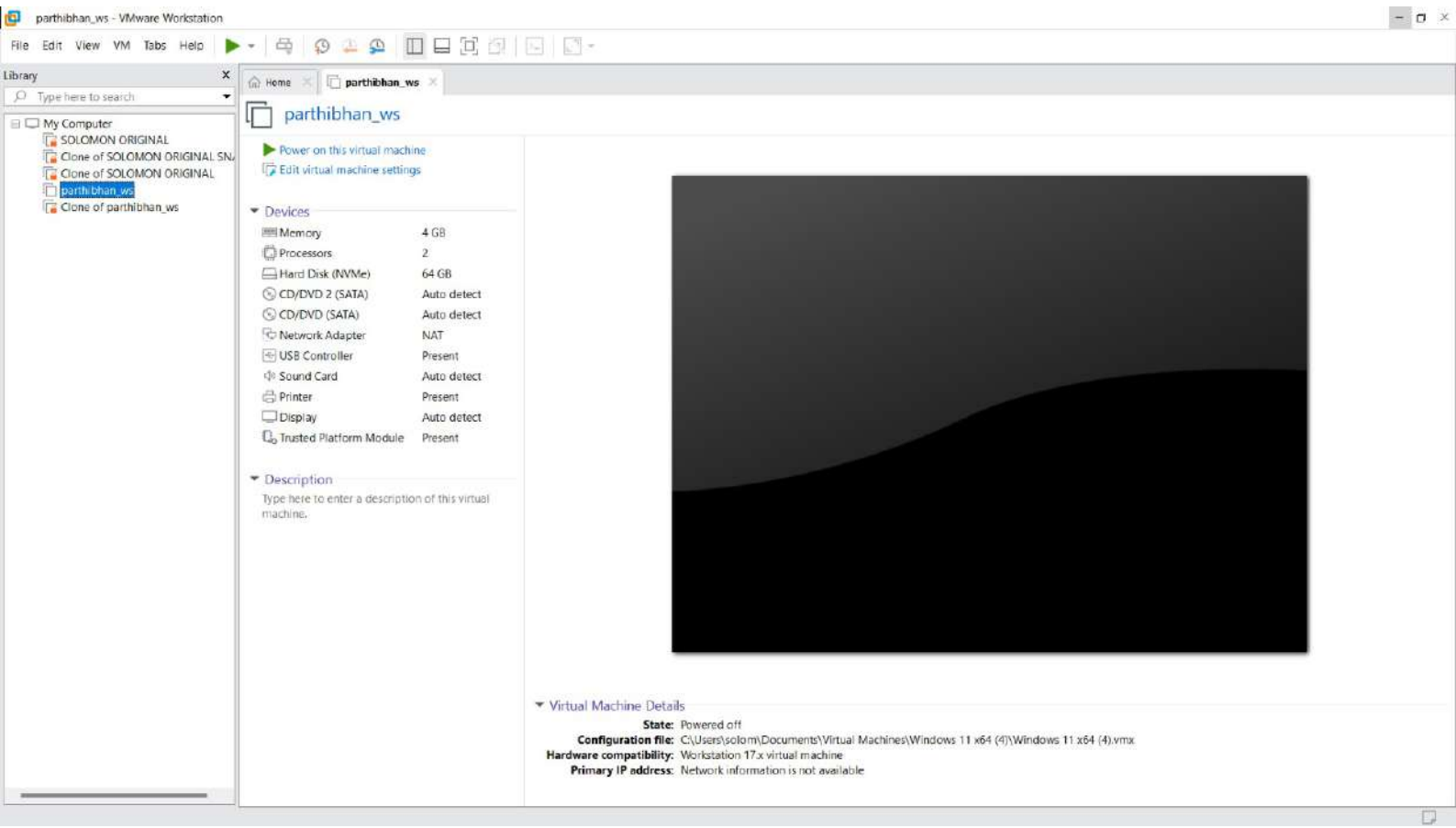
=) In snapshot select take a snashot name.

=) Then go to snapchat manages which on top of the page.

=) Select the snapshot which we have named.

=) the snapshot is created.

Result:- The snapshot of the vm has been implemented and tested successfully.


parthibhan_ws - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to search
My Computer
SOLOMON ORIGINAL
Clone of SOLOMON ORIGINAL SNA
Clone of SOLOMON ORIGINAL
parthibhan_ws
Clone of parthibhan_ws
Home
parthibhan_ws
parthibhan_ws
Power on this virtual machine
Edit virtual machine settings
Devices
Memory 4 GB
Processors 2
Hard Disk (NVMe) 64 GB
CD/DVD 2 (SATA) Auto detect
CD/DVD (SATA) Auto detect
Network Adapter NAT
USB Controller Present
Sound Card Auto detect
Printer Present
Display Auto detect
Trusted Platform Module Present
Description
Type here to enter a description of this virtual machine.
Virtual Machine Details
State: Powered off
Configuration file: C:\Users\solom\Documents\Virtual Machines\Windows 11 x64 (4)\Windows 11 x64 (4).vmx
Hardware compatibility: Workstation 17.x virtual machine
Primary IP address: Network information is not available

(a)

Aim:- To Create a clone version of the existing virtual machine and open it from the storage.

Procedure:

=) create a clone version of the vm.

=) stop the process of running

=) Go to window name (deepak) select snapshot.

=) select "revert to snapshot",

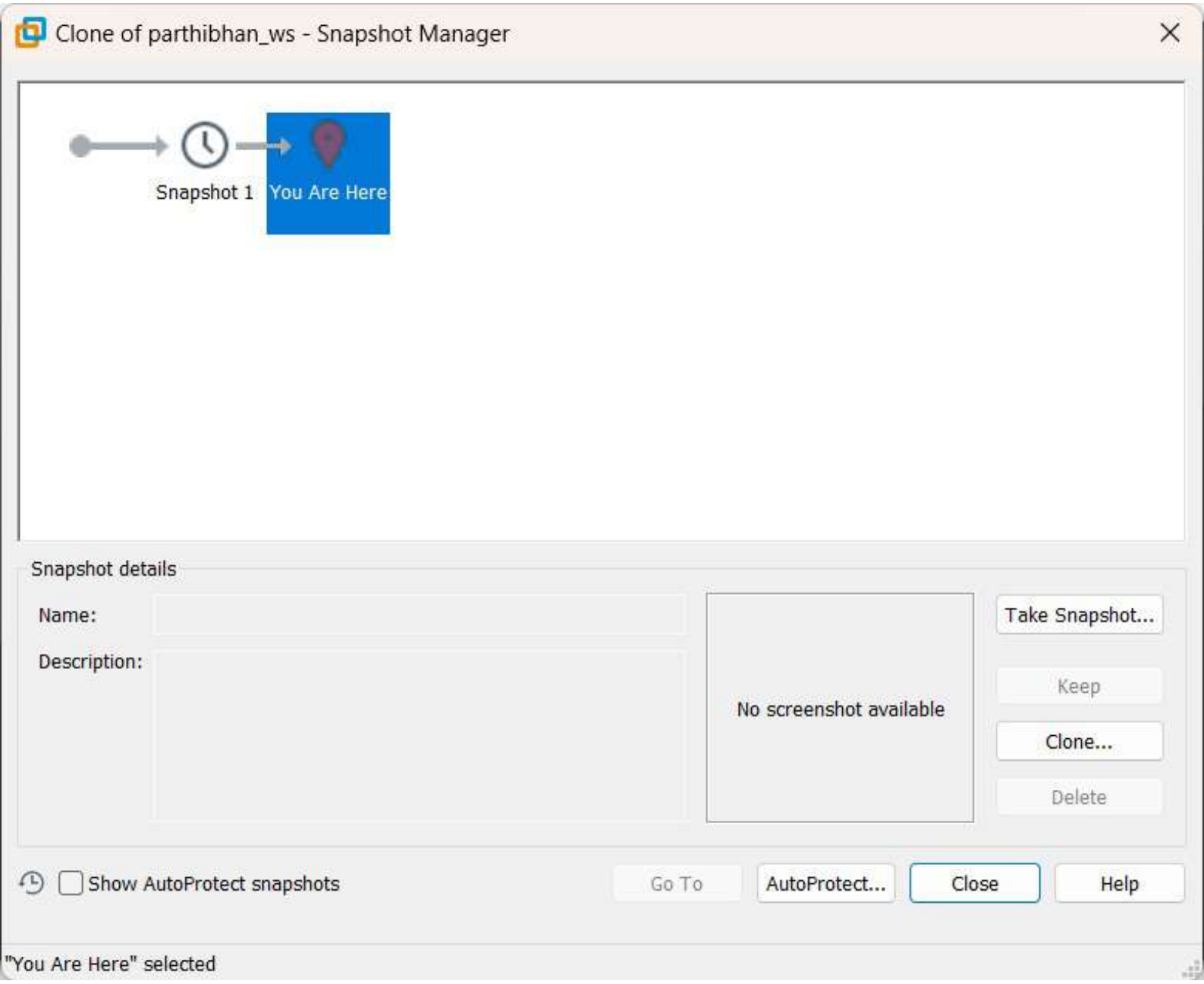
=) Then again shoutdown the process Guest:

=) Go to manage and select clone.

=) Give Next → Next → Finish → Close.

=) The clone of Deepak is created.

Result:- Thus the clone of the vm has been implemented and tested successfully.


Clone of parthibhan_ws - Snapshot Manager
Snapshot 1
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

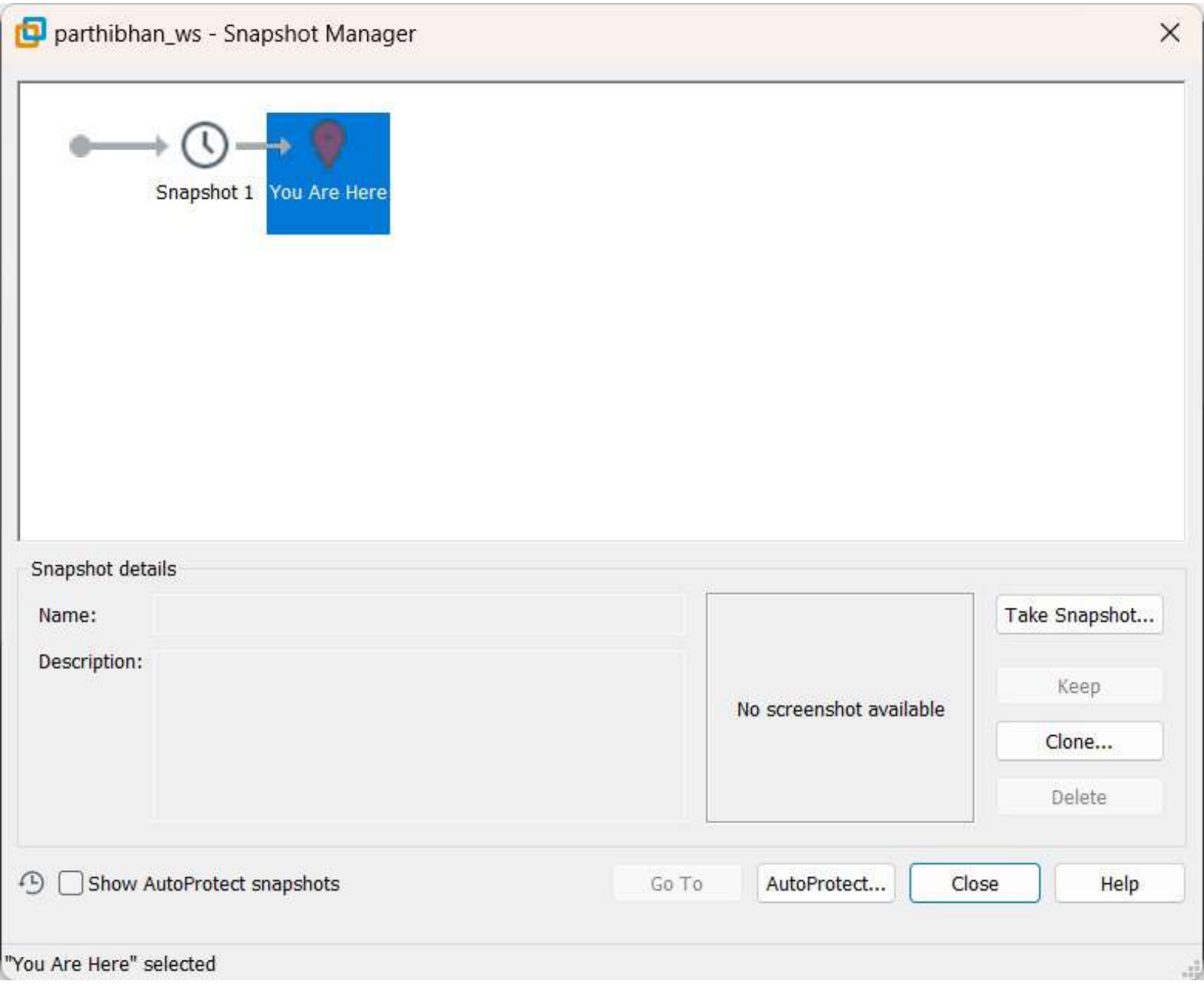
(10) Create a configuration to increase and decrease the screen size!

Aim!- To create a configuration to increase and decrease the screen size.

Procedure!-

- create a configuration to increase and decrease the screen size.
- select "enter setup" in Boot manage.
- After that select "configure screen size" in Boot maintanence manages and give enter.
- set screen size and press enter.
- select commit changes and exit.
- the screen size is increased.

Result!- Thus the size of screen is increased and decreased successfully.


parthibhan_ws - Snapshot Manager
Snapshot 1
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

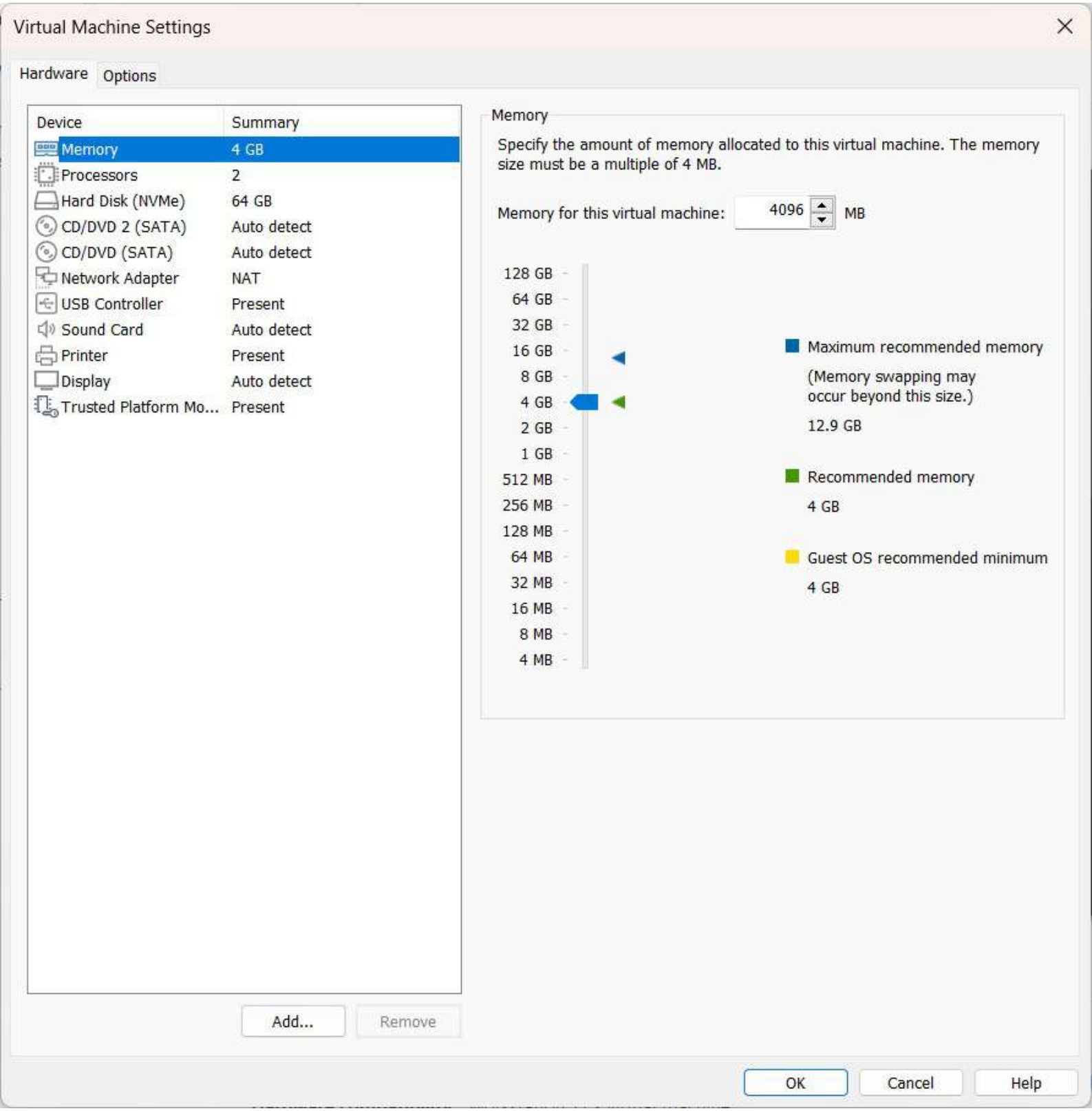
(11) Create a virtual machine with 2GB RAM and 15GB storage disk using a Type 2 virtualization software?

Aim:- To create a VM using VM ware workstation / virtual box with 1 vCPU, 2 GB RAM and 15 GB storage and lanch it.

Procedure:-

* Install the virtualization software - VM ware workstation as Type 2..
* Download as os image file
* start VM ware
* configure the NW settings
* Install the virtual machine and launch.

Result:- The VM using and unbuntu image has been configured and istalled on a Type - 2 Hypervisor using VM ware workstation.


Virtual Machine Settings
Hardware
Options
Device
Summary
Memory
4 GB
Processors
2
Hard Disk (NVMe)
64 GB
CD/DVD 2 (SATA)
Auto detect
CD/DVD (SATA)
Auto detect
Network Adapter
NAT
USB Controller
Present
Sound Card
Auto detect
Printer
Present
Display
Auto detect
Trusted Platform Mo...
Present
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:
4096
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.)
12.9 GB
Recommended memory
4 GB
Guest OS recommended minimum
4 GB
OK
Cancel
Help