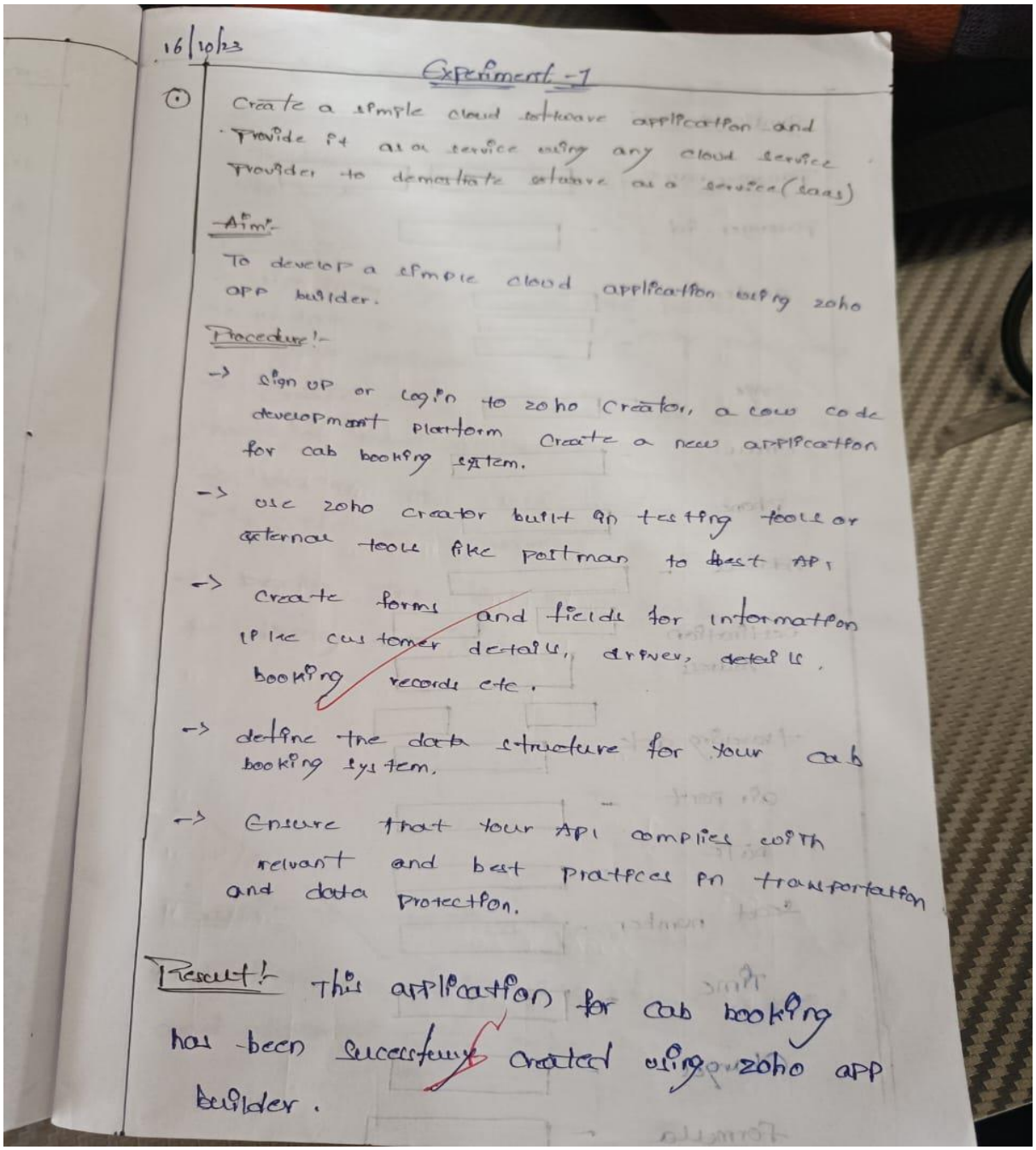
1. Create a simple cloud software application for Car Booking Reservation System using any Cloud Service Provider to demonstrate SaaS.



16/10/23

Experiment -7

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

Aim:-

To develop a simple cloud application using zoho app builder.

Procedure:-

-> Sign up or login to zoho creator, a low code development platform Create a new application for cab booking system.

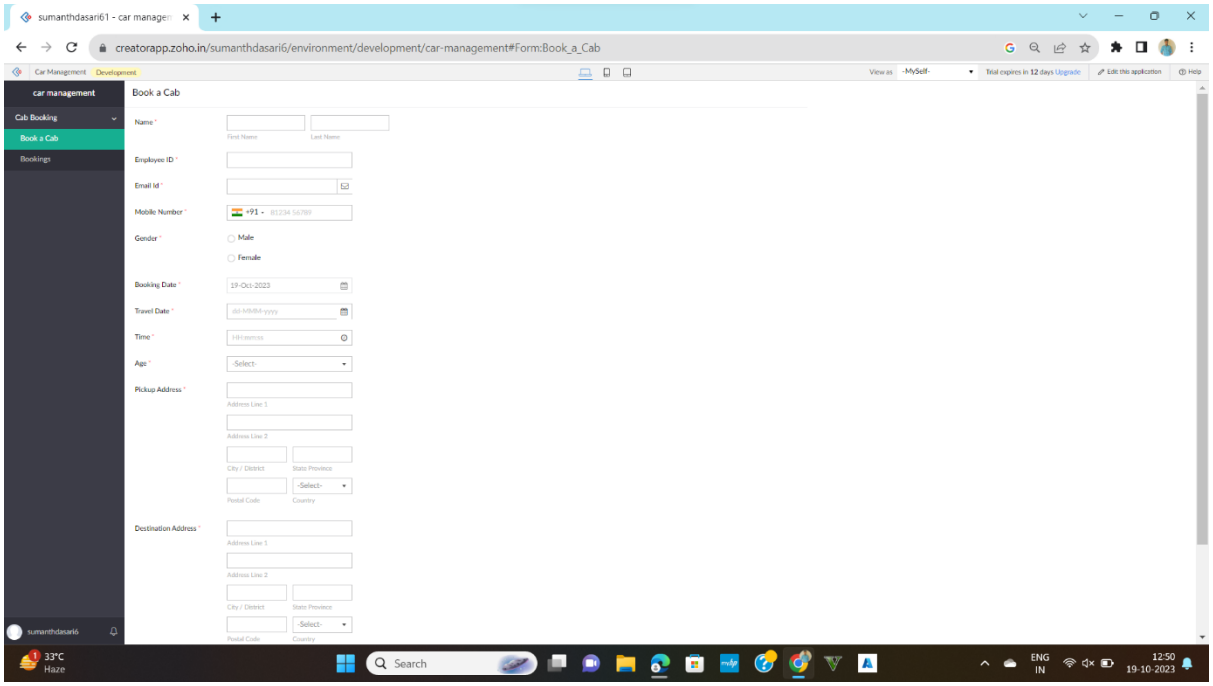
-> use zoho creator built in testing tools or external tools like postman to test API

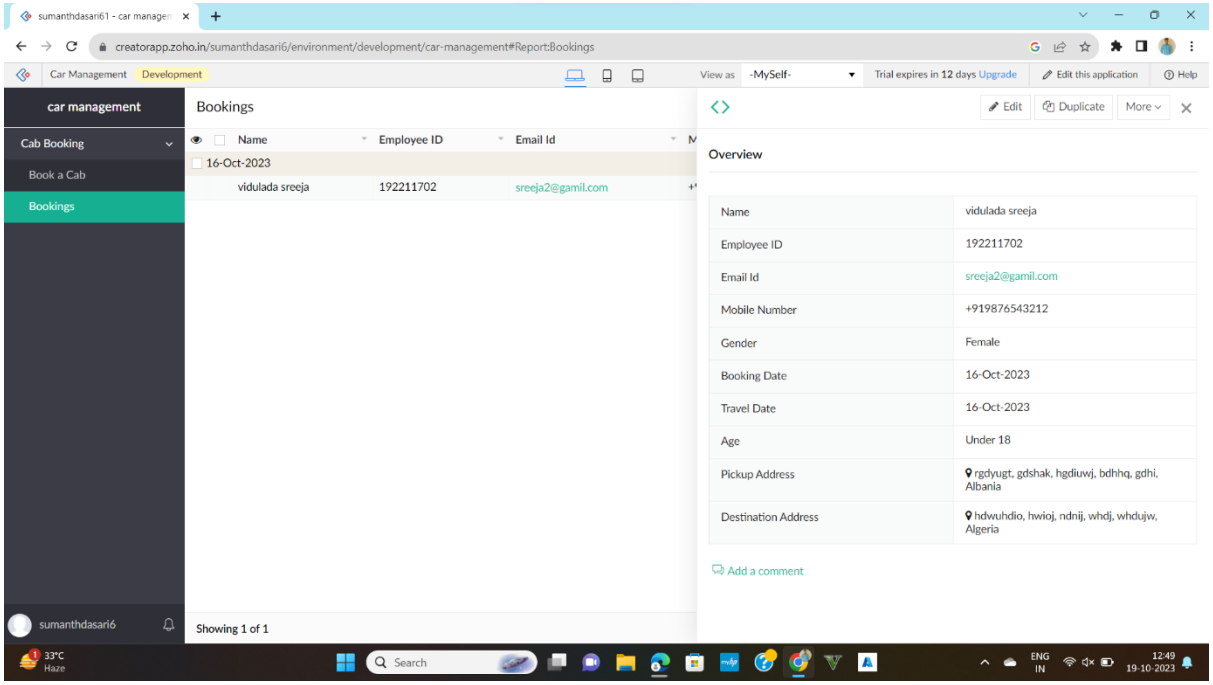
-> Create forms and fields for information like customer details, driver details, booking records etc.

-> define the data structure for your cab booking system.

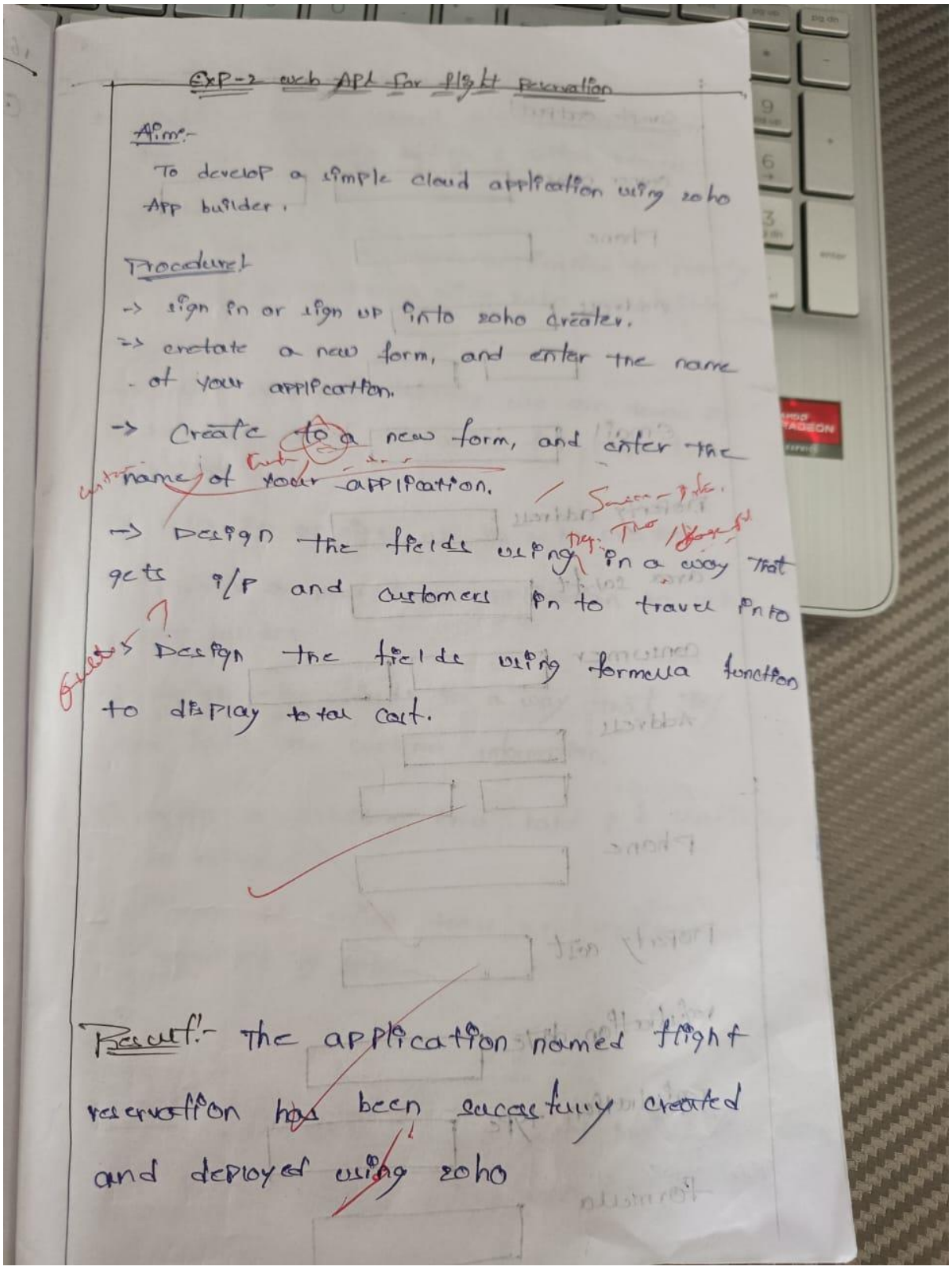
-> Ensure that your API complies with relvant and best practices in transportation and data protection.

Result:- This application for cab booking has been successfully created using zoho app builder.


sumanthdasari61 - car manage
creatorapp.zoho.in/sumanthdasari6/environment/development/car-management#Form:Book_a_Cab
car management
Cab Booking
Book a Cab
Bookings
Book a Cab
Name *
Employee ID *
Email Id *
Mobile Number *
Gender *
Male
Female
Booking Date *
19-Oct-2023
Travel Date *
Time *
Age *
Pickup Address *
Destination Address *
sumanthdasari6
33°C
Haze
Search
ENG
IN
12:50
19-10-2023


sumanthdasari61 - car manage
creatorapp.zoho.in/sumanthdasari6/environment/development/car-management#Report:Bookings
Car Management
Development
View as
-MySelf-
Trial expires in 12 days Upgrade
Edit this application
Help
car management
Cab Booking
Book a Cab
Bookings
Bookings
Name
Employee ID
Email Id
16-Oct-2023
vidulada sreeja
192211702
sreeja2@gamil.com
Edit
Duplicate
More
Overview
Name
vidulada sreeja
Employee ID
192211702
Email Id
sreeja2@gamil.com
Mobile Number
+919876543212
Gender
Female
Booking Date
16-Oct-2023
Travel Date
16-Oct-2023
Age
Under 18
Pickup Address
rgdyugt, gdshak, hgdiuwj, bdhhq, gdhi, Albania
Destination Address
hdwuhdio, hwioj, ndnij, whdj, whdujw, Algeria
Add a comment
sumanthdasari6
Showing 1 of 1
33°C
Haze
Search
ENG
IN
12:49
19-10-2023

2. Create a simple cloud software application for Flight Reservation System using any Cloud Service Provider to demonstrate SaaS



Exp-2 web Apl for flight Reservation

Aim:-

To develop a simple cloud application using zoho App builder.

Procedure:-

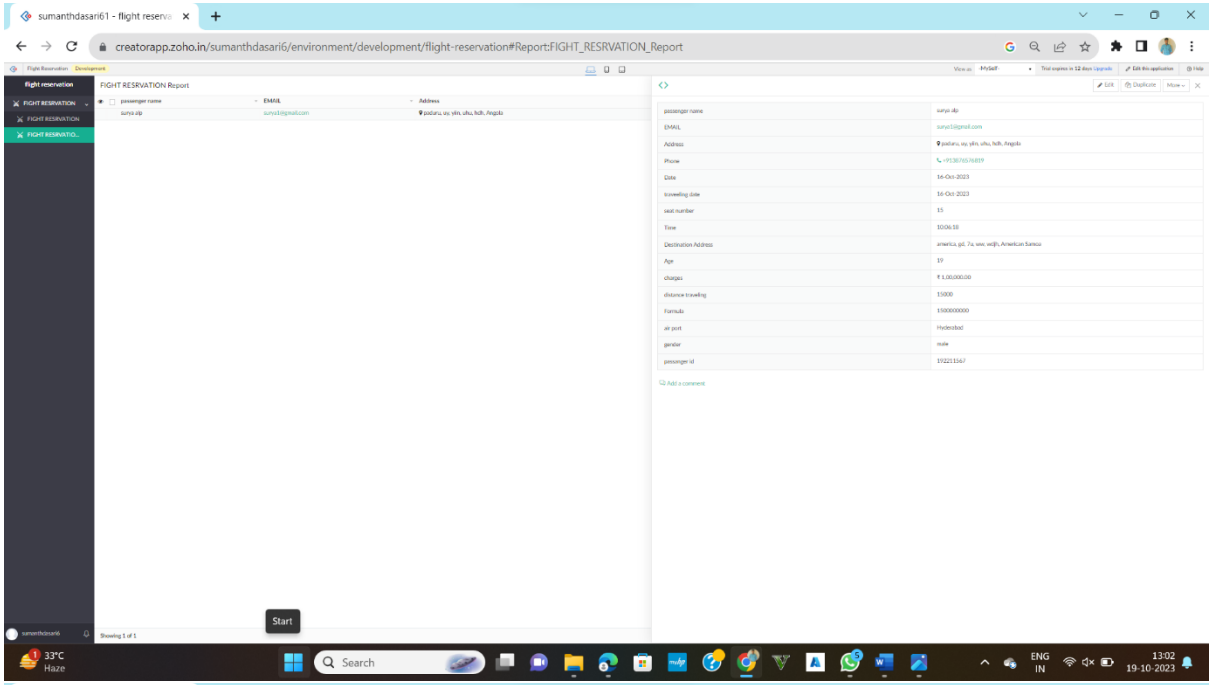
-> sign in or sign up into zoho creater.

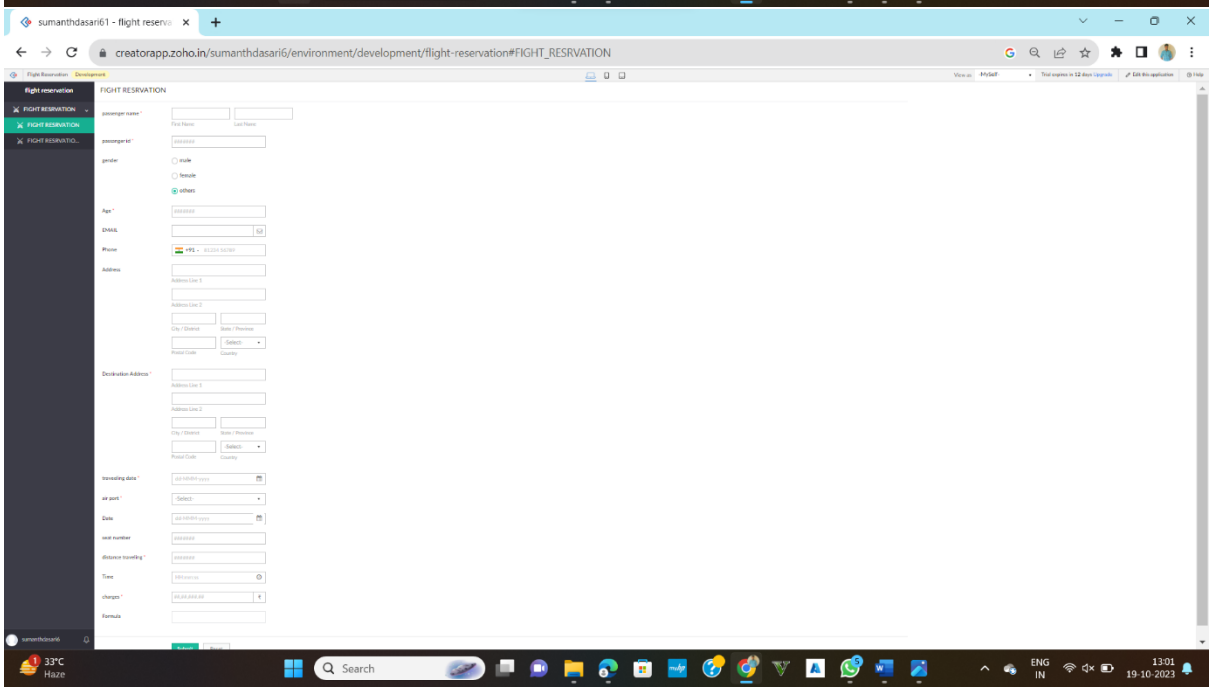
-> create a new form, and enter the name of your application.

-> Design the fields using in a way that gets i/p and customers in to travel into

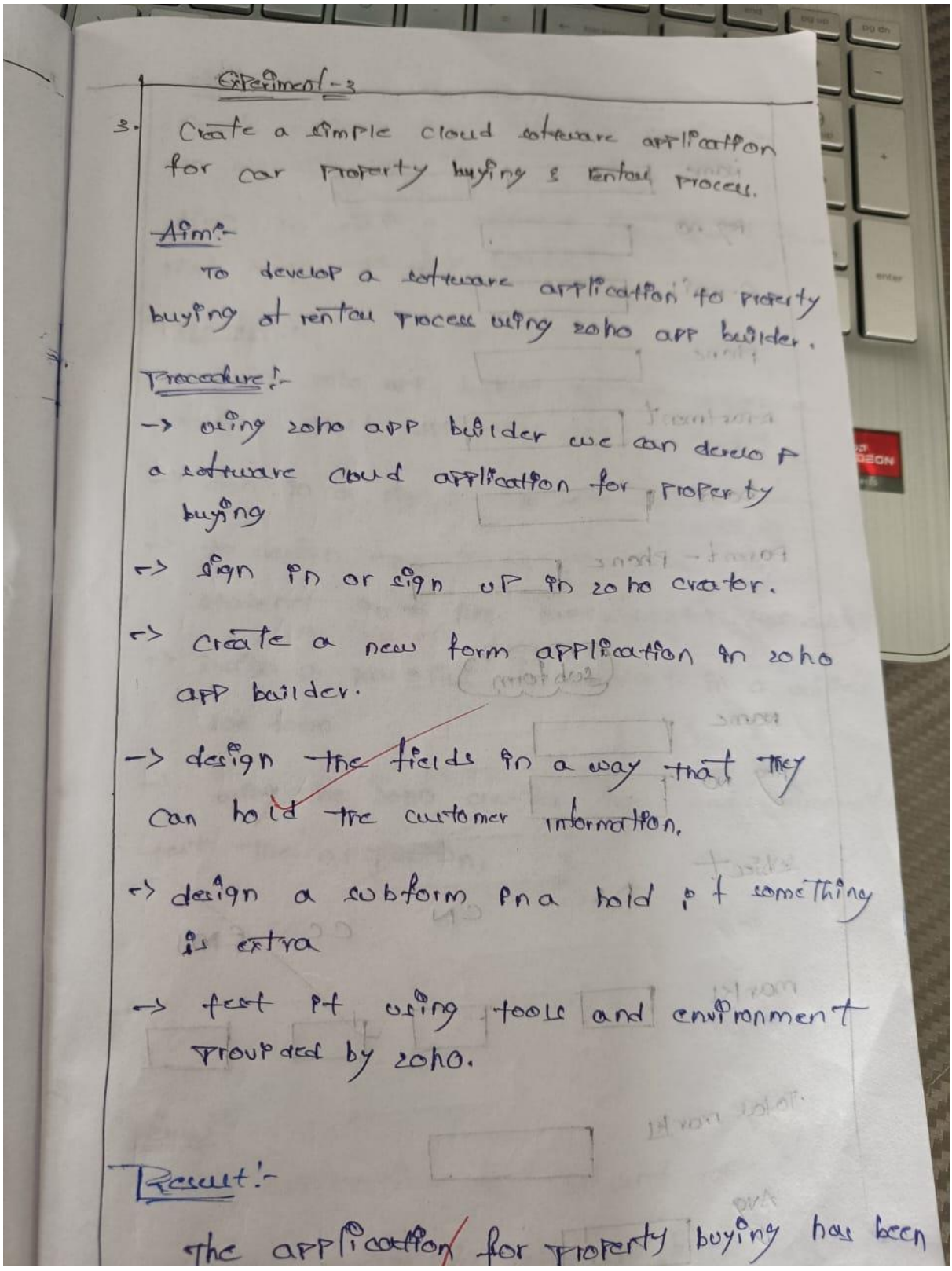
-> Design the fields using formula function to display total cost.

Result:- the application named flight reservation has been successfully created and deployed using zoho


sumanthdasari61 - flight reserve
creatorapp.zoho.in/sumanthdasari6/environment/development/flight-reservation#Report:FIGHT_RESRVATION_Report
flight reservation
FIGHT RESRVATION Report
passenger name
EMAIL
Address
surya1@gmail.com
Start
33°C
Haze
Search
ENG
IN
13:02
19-10-2023


sumanthdasari61 - flight reserve
creatorapp.zoho.in/sumanthdasari6/environment/development/flight-reservation#FIGHT_RESRVATION
flight reservation
FIGHT RESRVATION
passenger name
passenger id
gender
male
female
others
Age
EMAIL
Phone
Address
Destination Address
traveling date
air port
Date
seat number
distance traveling
Time
charges
Formula
33°C
Haze
Search
ENG
IN
13:01
19-10-2023

3. Create a simple cloud software application for Property Buying & Rental process (In Chennai city) using any Cloud Service Provider to demonstrate SaaS



Experiment-3

3. Create a simple cloud software application for car property buying & rental process.

Aim:-

To develop a software application for property buying or rental process using zoho app builder.

Procedure:-

-> using zoho app builder we can develop a software cloud application for property buying

-> sign in or sign up in zoho creator.

-> create a new form application in zoho app builder.

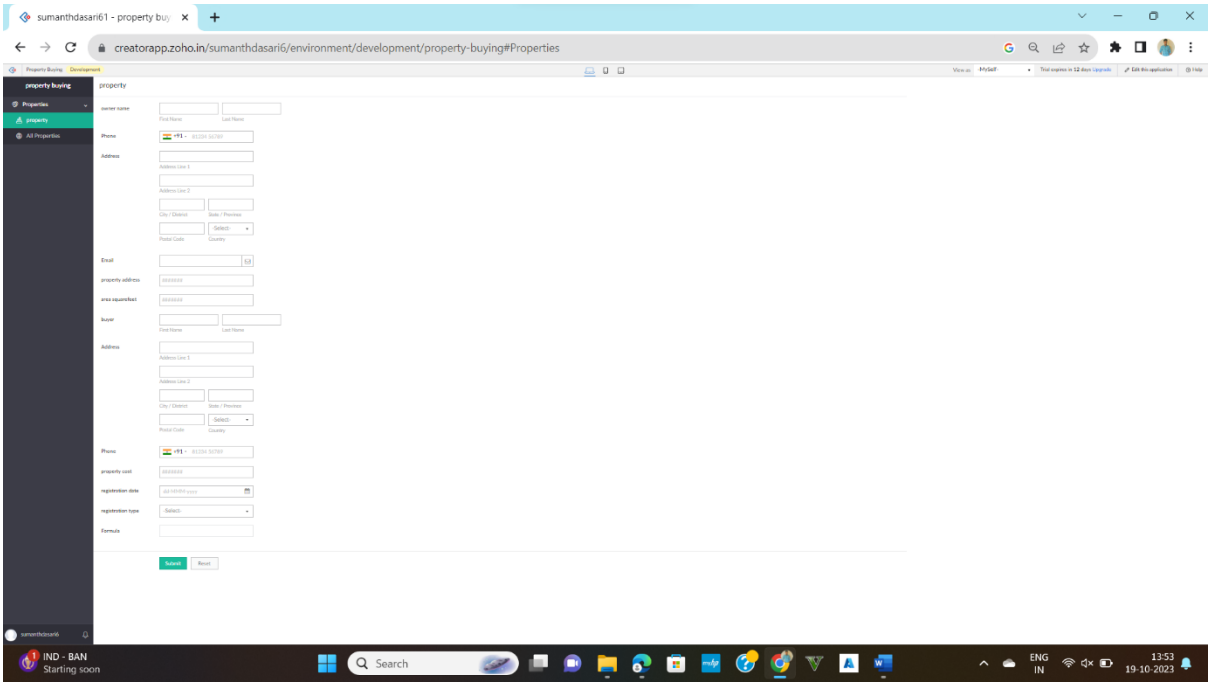
-> design the fields in a way that they can hold the customer information.

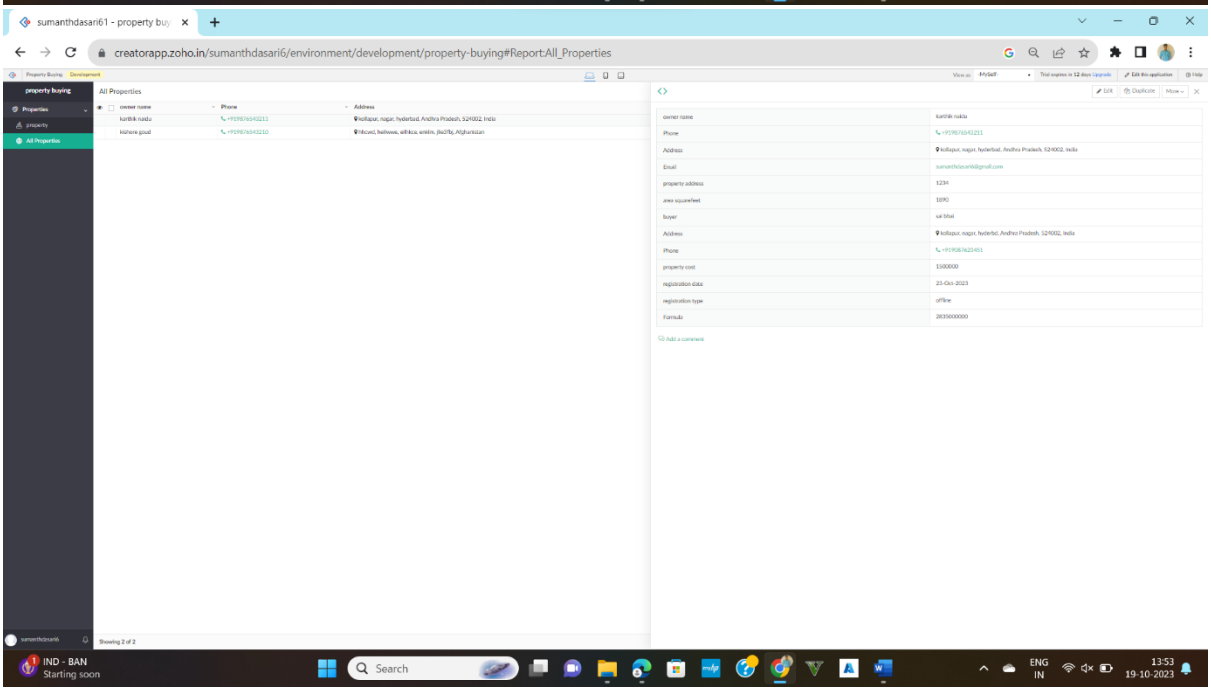
-> design a subform in a hold if something is extra

-> test it using tools and environment provided by zoho.

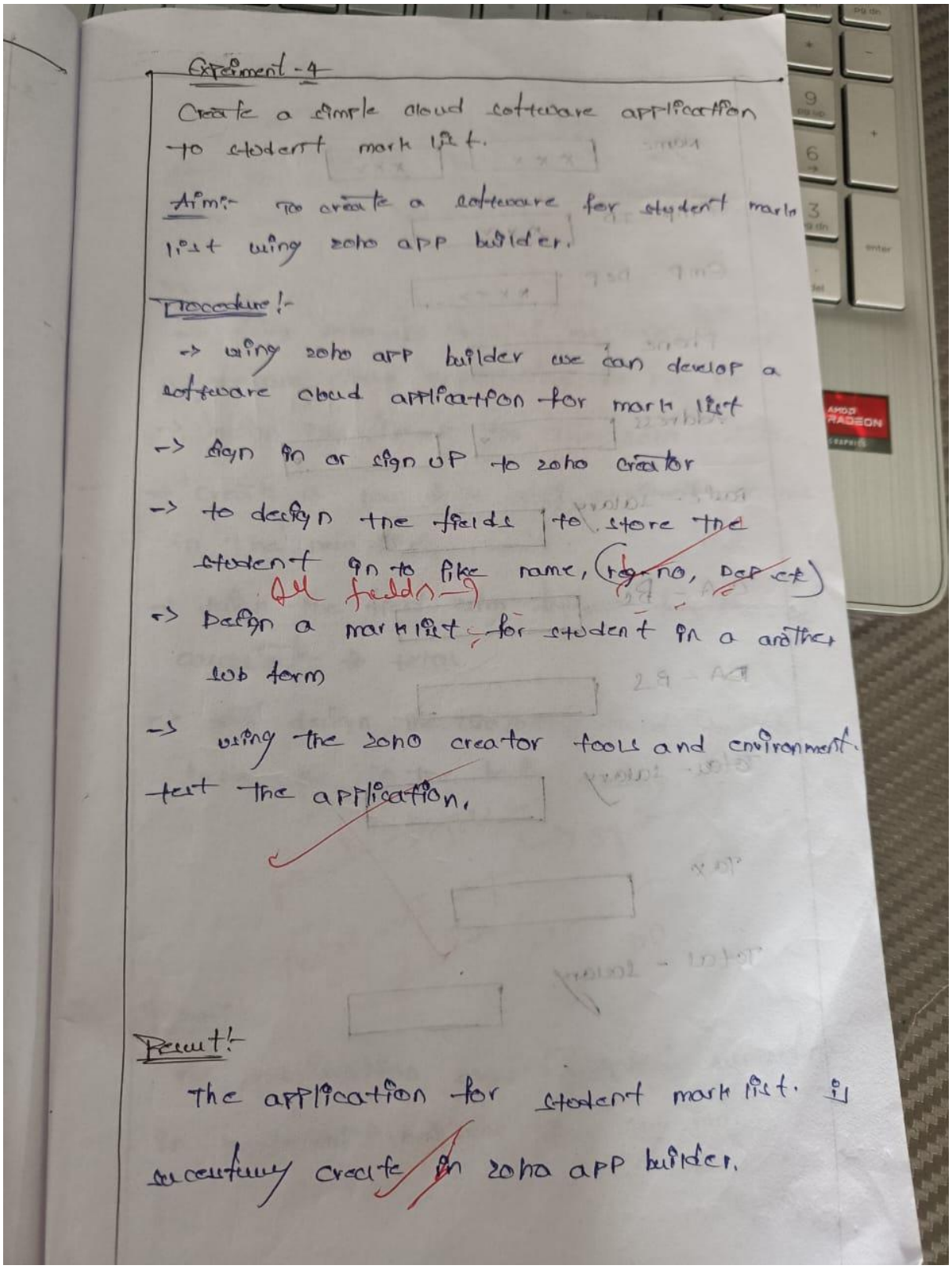
Result:-

The application for property buying has been


sumanthdasari61 - property buy
creatorapp.zoho.in/sumanthdasari6/environment/development/property-buying#Properties
property buying
Properties
property
All Properties
property
owner name
Phone
Address
Email
property address
area squarefeet
buyer
Address
Phone
property cost
registration date
registration type
Formula
Submit
Reset
IND - BAN
Starting soon
Search
ENG
IN
13:53
19-10-2023


sumanthdasari61 - property buy
creatorapp.zoho.in/sumanthdasari6/environment/development/property-buying#Report:All_Properties
property buying
Properties
property
All Properties
All Properties
owner name
Phone
Address
karthik naidu
kishore goud
Edit
Duplicate
More
owner name
karthik naidu
Phone
Address
Email
property address
1234
area squarefeet
1890
buyer
sai bhai
Address
Phone
property cost
1500000
registration date
23-Oct-2023
registration type
offline
Formula
2835000000
Add a comment
Showing 2 of 2
IND - BAN
Starting soon
Search
ENG
IN
13:53
19-10-2023

4. Create a simple cloud software application for student mark list System using any Cloud Service Provider to demonstrate SaaS.



Experiment - 4

Create a simple cloud software application to student mark list.

Aim:- To create a software for student mark list using zoho app builder.

Procedure:-

-> using zoho app builder we can develop a software cloud application for mark list

-> sign in or sign up to zoho creator

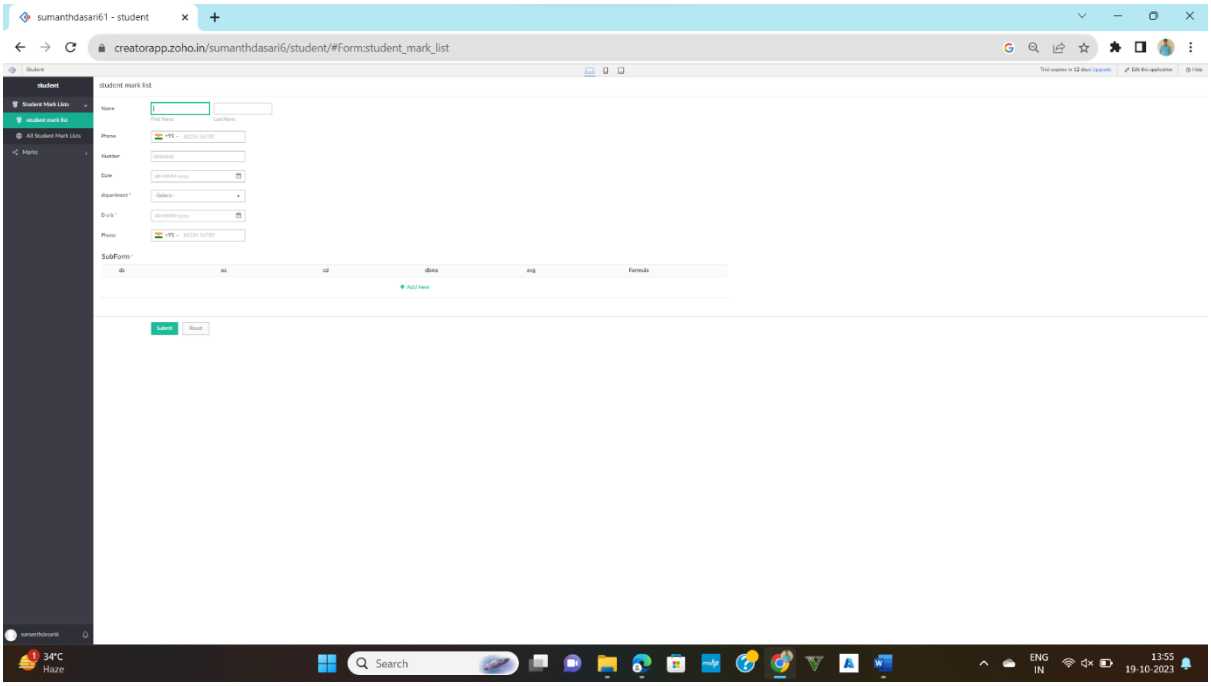
-> to design the fields to store the student in to like name, (reg no, Dept) All fields

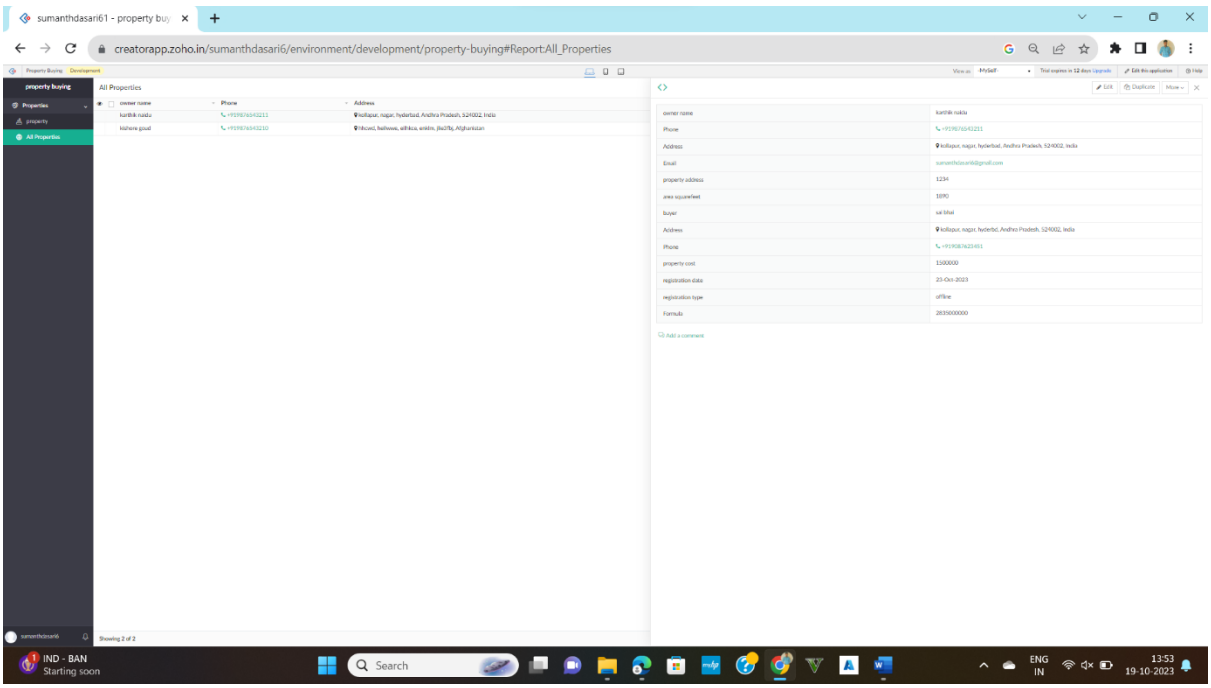
-> Design a mark list for student in a another web form

-> using the zoho creator tools and environment test the application.

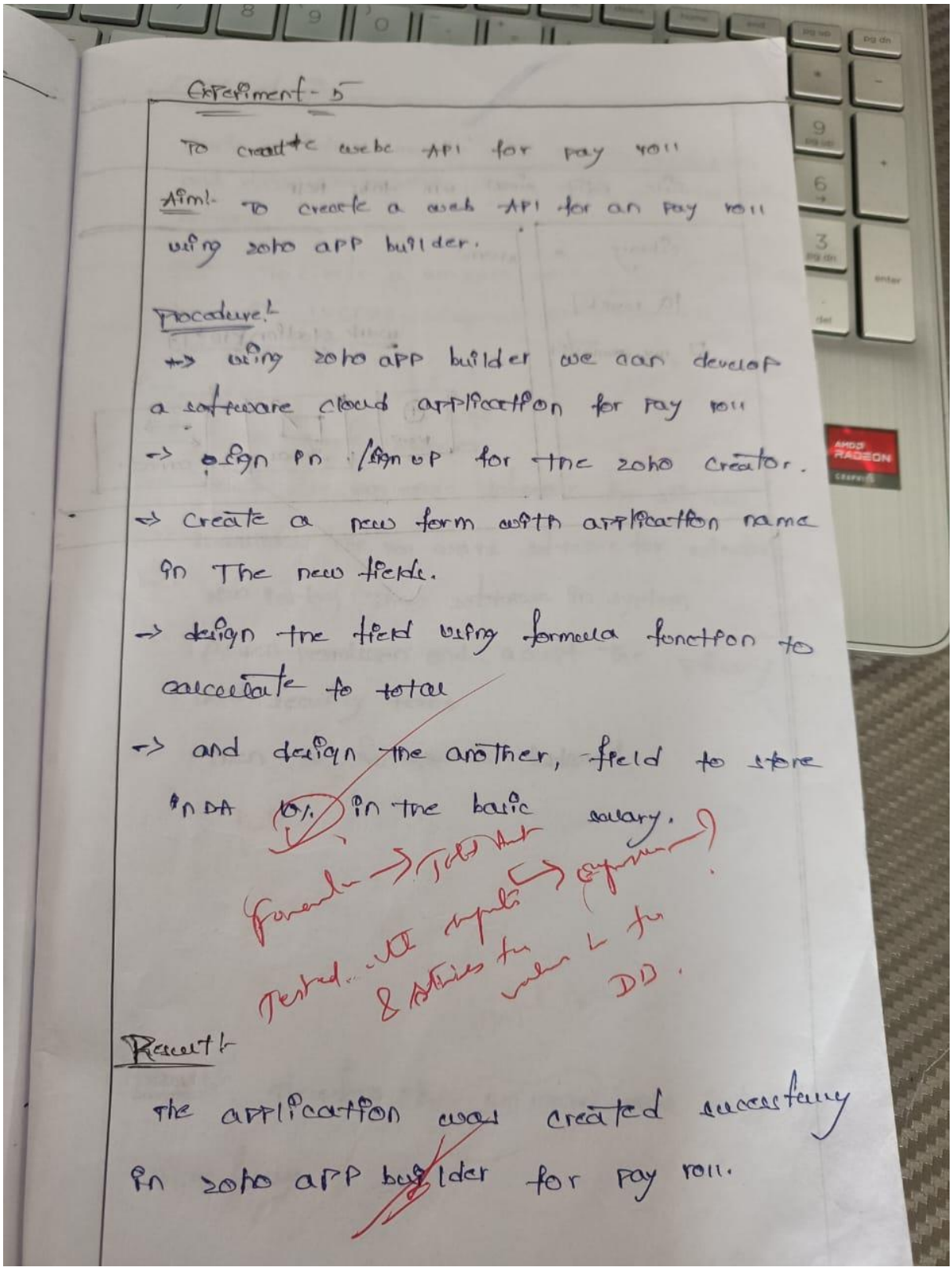
Result:-

The application for student mark list. is successfully create in zoho app builder.


sumanthdasari61 - student
creatorapp.zoho.in/sumanthdasari6/student/#Form:student_mark_list
student mark list
SubForm
Submit
Reset
34°C
Haze
Search
ENG
IN
13:55
19-10-2023


sumanthdasari61 - property buy
creatorapp.zoho.in/sumanthdasari6/environment/development/property-buying#Report:All_Properties
property buying
All Properties
IND - BAN
Starting soon
Search
ENG
IN
13:53
19-10-2023

5. Create a simple cloud software application for pay roll System using any Cloud Service Provider to demonstrate SaaS



Experiment - 5

To create webc API for pay roll

Aim:- To create a web API for an pay roll using zoho app builder.

Procedure:-

-> using zoho app builder we can develop a software cloud application for pay roll

-> sign in / sign up for the zoho creator.

-> Create a new form with application name in The new fields.

-> design the field using formula function to calculate to total

-> and design the another, field to store in DA 10% in the basic salary.

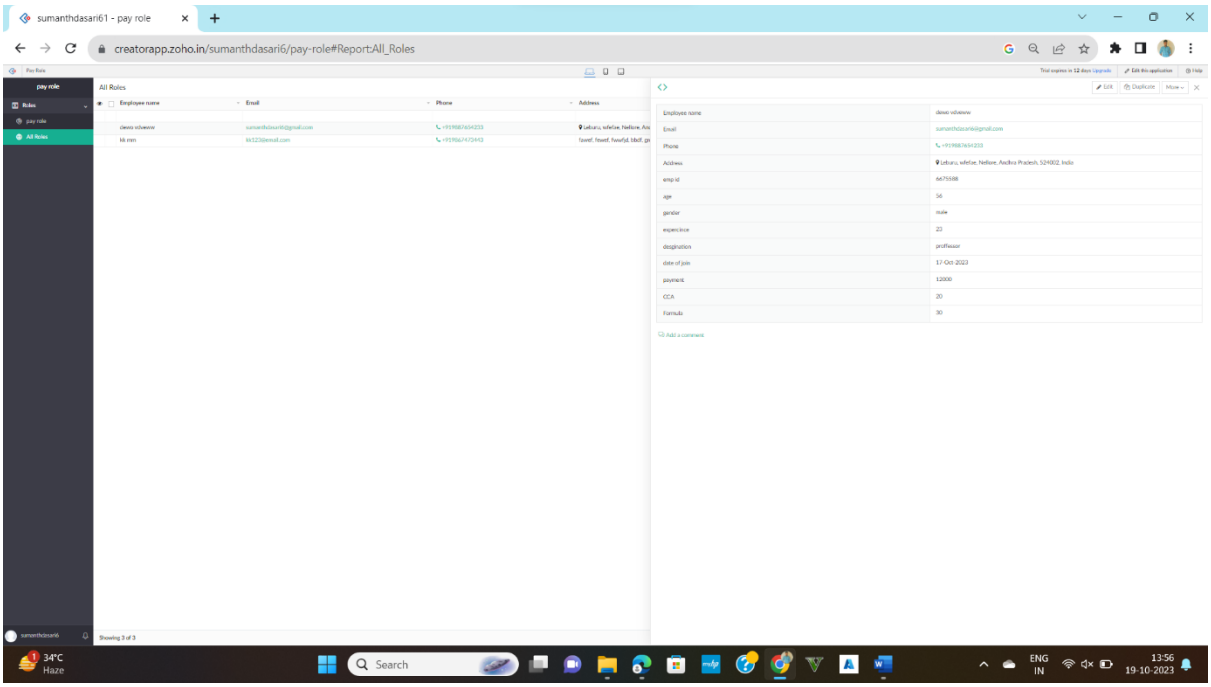
Formula -> Total Amt

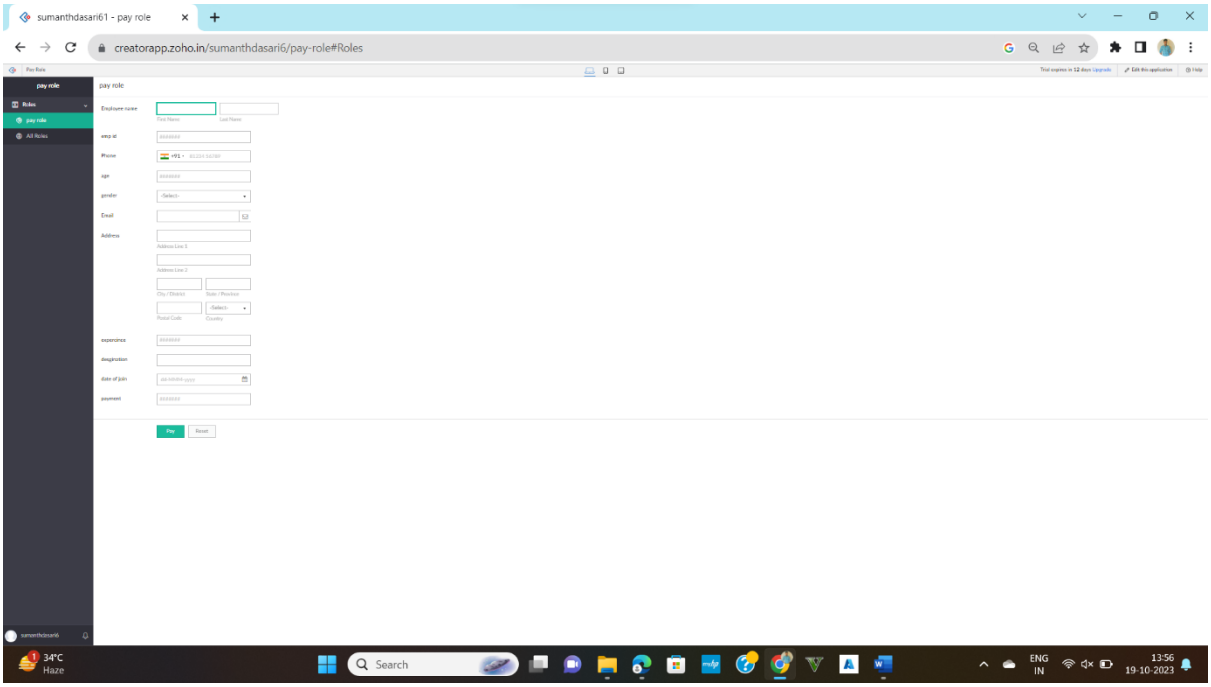
Tested with inputs -> expression?

& stories for values to for DD.

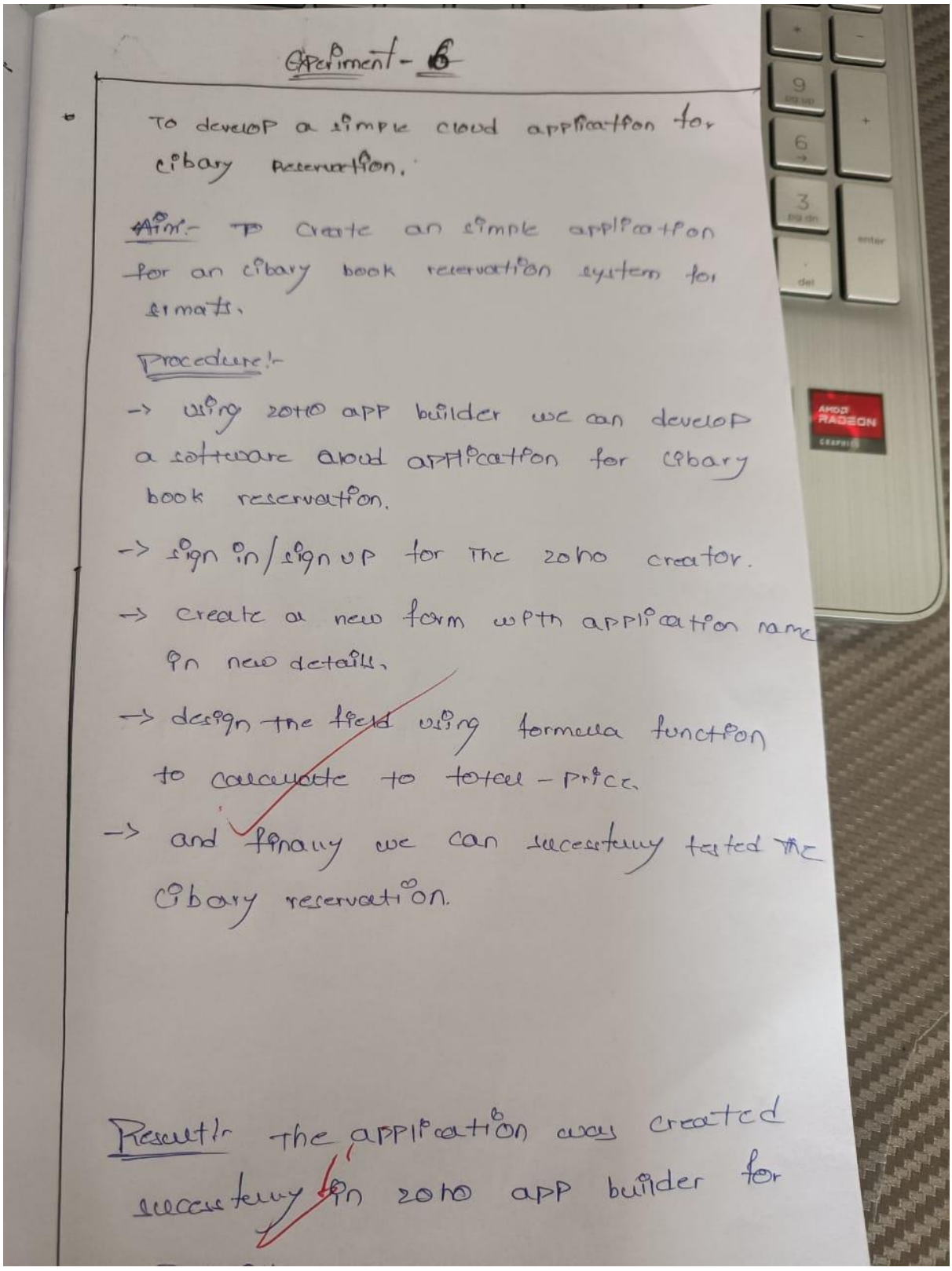
Result:-

The application was created successfully in zoho app builder for pay roll.


sumanthdasari61 - pay role
creatorapp.zoho.in/sumanthdasari6/pay-role#Report:All_Roles
pay role
All Roles
Search
ENG
IN
13:56
19-10-2023


sumanthdasari61 - pay role
creatorapp.zoho.in/sumanthdasari6/pay-role#Roles
pay role
Search
ENG
IN
13:56
19-10-2023

6. Create a simple cloud software application for Library book reservation system for SIMATS library using any Cloud Service Provider to demonstrate SaaS



Experiment - 6

To develop a simple cloud application for library reservation.

Aim:- To create an simple application for an library book reservation system for simats.

Procedure:-

-> using zoho app builder we can develop a software cloud application for library book reservation.

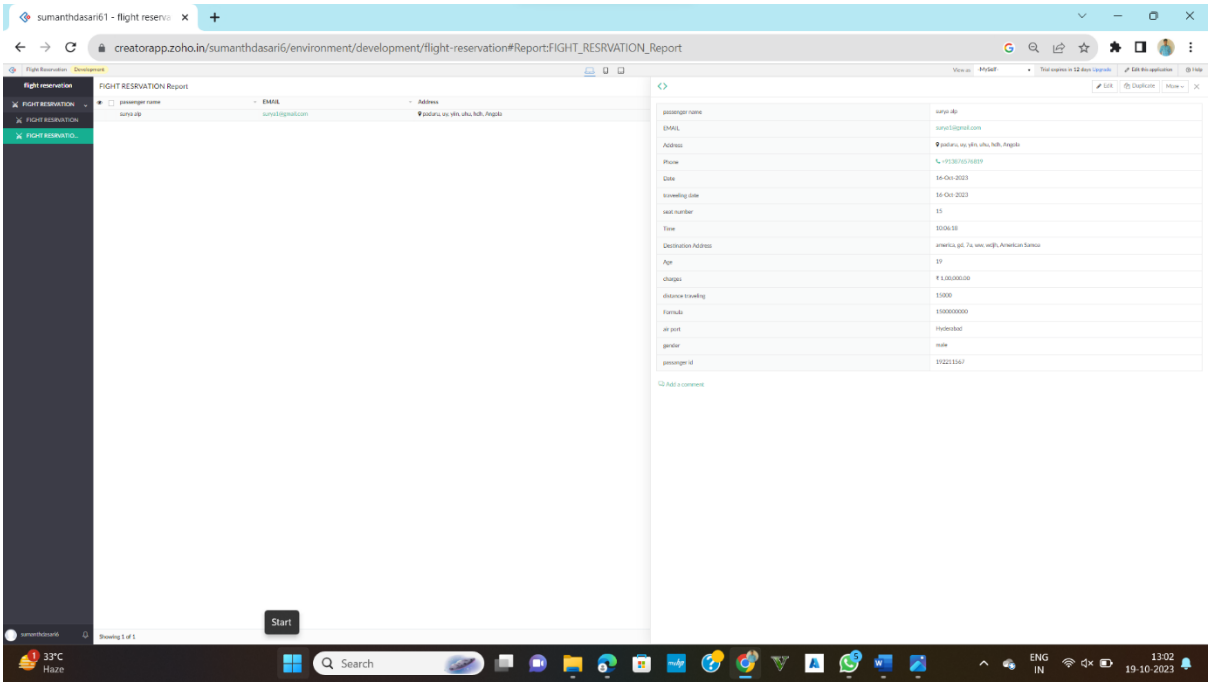
-> sign in/sign up for the zoho creator.

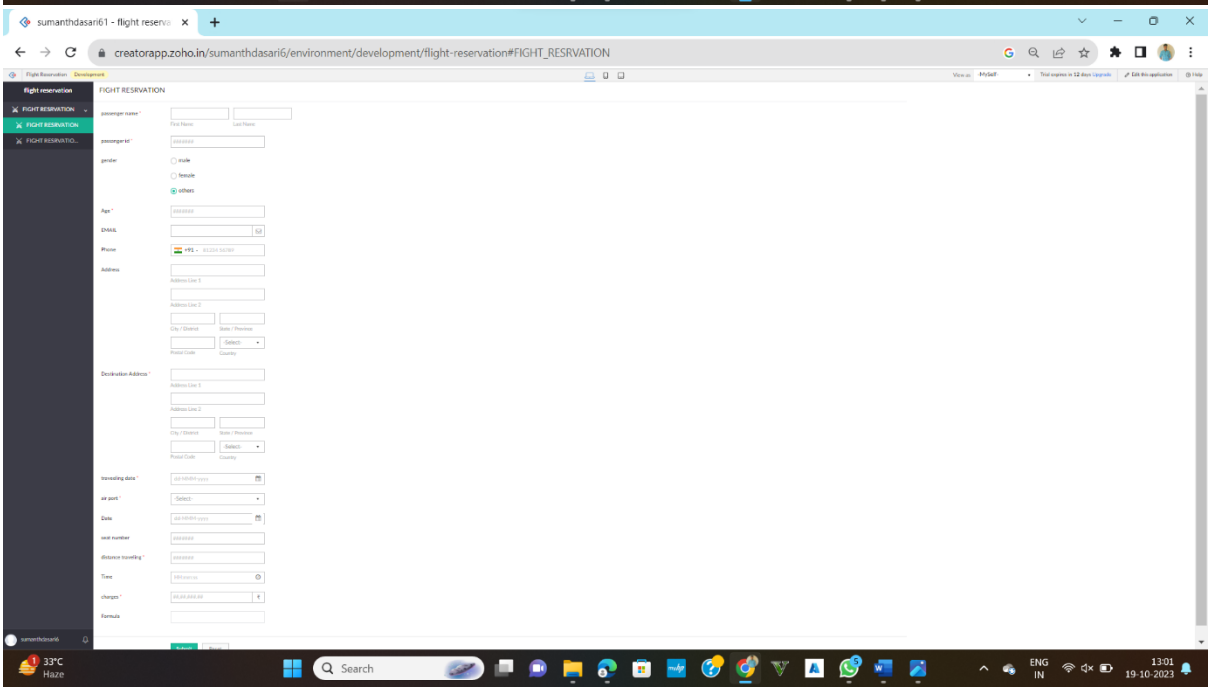
-> create a new form with application name on new details.

-> design the field using formula function to calculate to total - price.

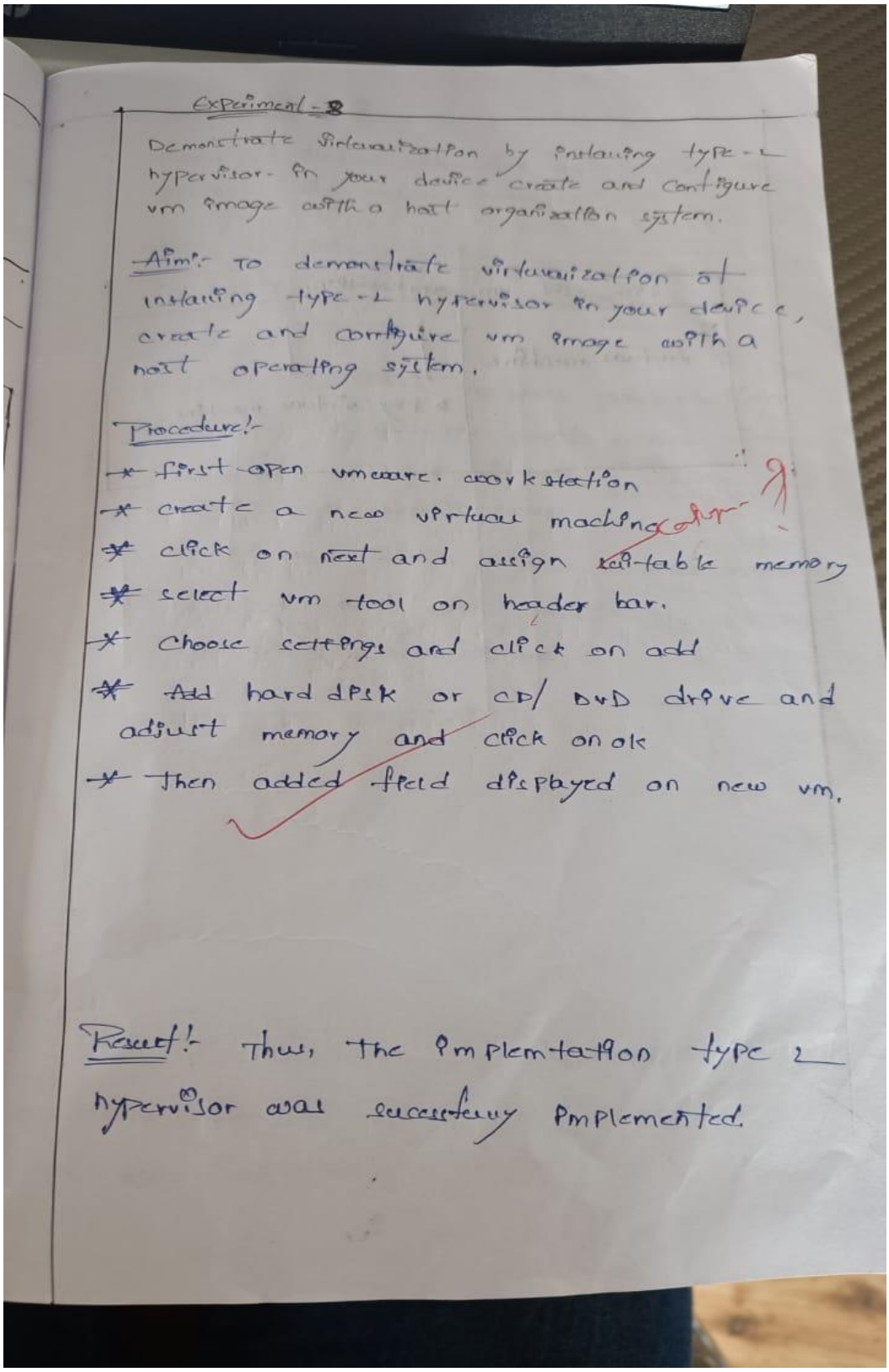
-> and finally we can successfully tested the library reservation.

Result:- The application was created successfully in zoho app builder for


sumanthdasari61 - flight reserva
creatorapp.zoho.in/sumanthdasari6/environment/development/flight-reservation#Report:FIGHT_RESRVATION_Report
flight reservation
FIGHT RESRVATION Report
passenger name
EMAIL
Address
Start
Search
ENG
IN
13:02
19-10-2023


sumanthdasari61 - flight reserva
creatorapp.zoho.in/sumanthdasari6/environment/development/flight-reservation#FIGHT_RESRVATION
flight reservation
FIGHT RESRVATION
Search
ENG
IN
13:01
19-10-2023

7. Demonstrate virtualization by Installing Type-2 Hypervisor in your device, create and configure VM image with a Host Operating system (Either Windows/Linux



Experimental - 8

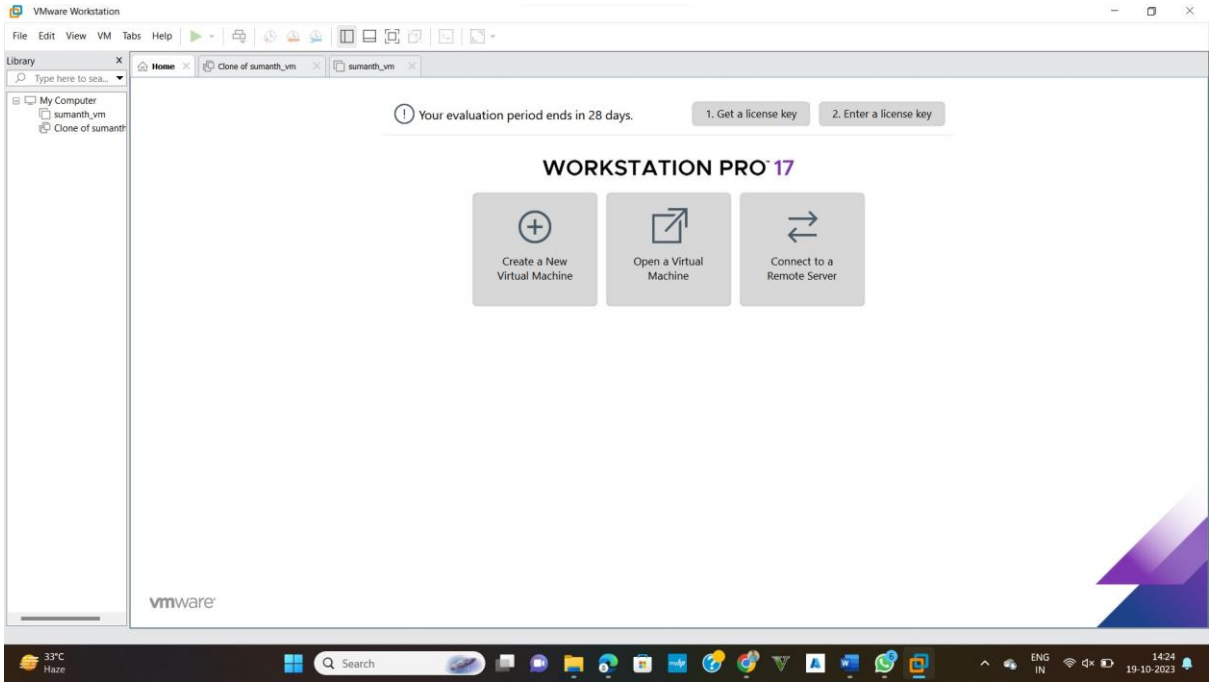
Demonstrate virtualization by installing type-2 hypervisor in your device create and configure vm image with a host organization system.

Aim:- To demonstrate virtualization of installing type-2 hypervisor in your device, create and configure vm image with a host operating system.

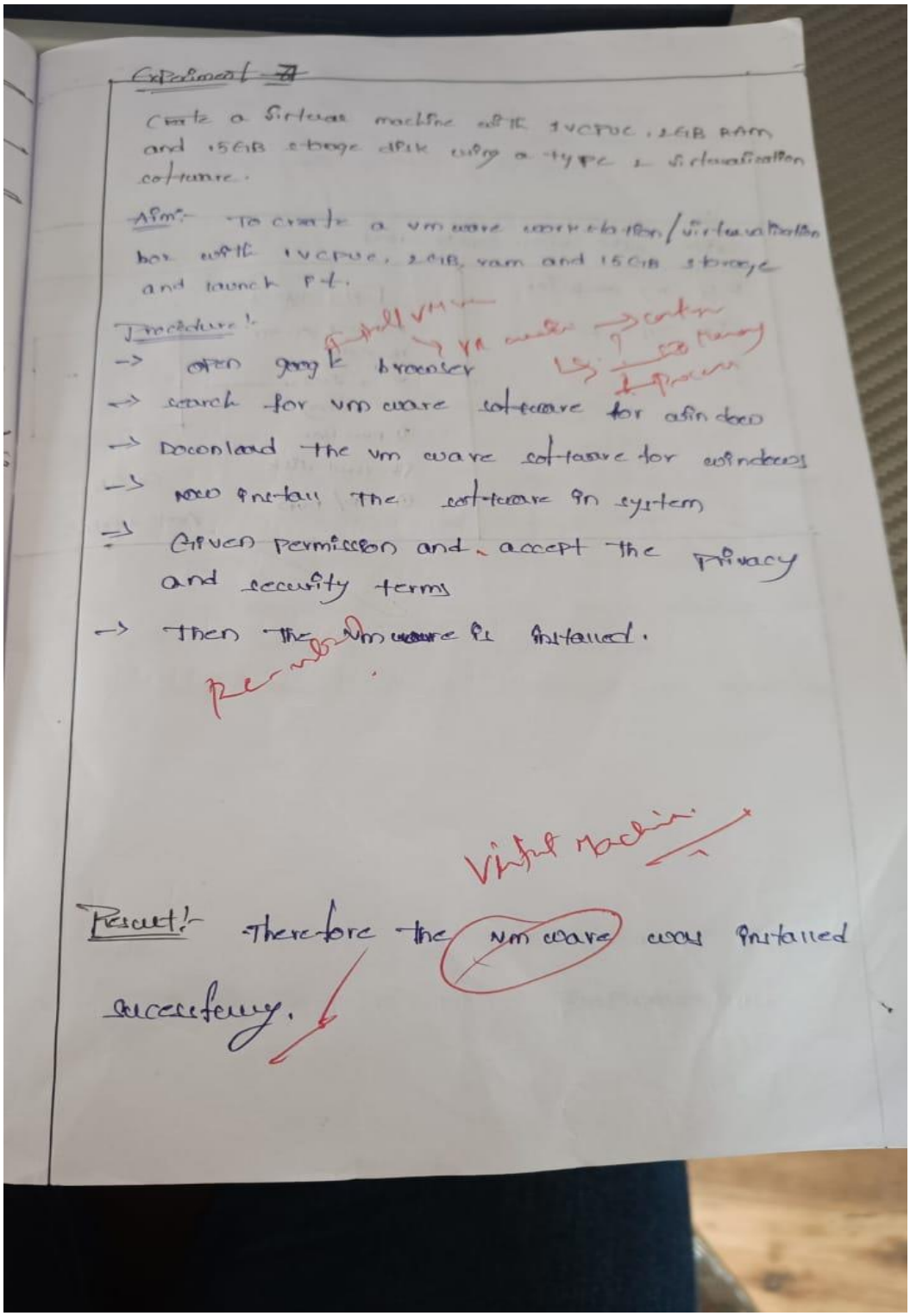
Procedure:-

* first open vmware workstation
* create a new virtual machine
* click on next and assign suitable memory
* select vm tool on header bar.
* Choose settings and click on add
* Add hard disk or CD/DVD drive and adjust memory and click on ok
* Then added field displayed on new vm.

Result:- Thus, the implementation type 2 hypervisor was successfully implemented.


VMware Workstation
File Edit View VM Tabs Help
Library
Type here to sea...
My Computer
sumanth_vm
Clone of sumanth
Home
Clone of sumanth_vm
sumanth_vm
Your evaluation period ends in 28 days.
1. Get a license key
2. Enter a license key
WORKSTATION PRO 17
Create a New Virtual Machine
Open a Virtual Machine
Connect to a Remote Server
vmware
33°C
Haze
Search
ENG
IN
14:24
19-10-2023

8.Create a Virtual Machine with 1 CPU, 2GB RAM and 15GB storage disk using a Type 2 Virtualization Software



Experiment - 7

Create a virtual machine with 1 vCPU, 2GiB RAM and 15GiB storage disk using a type 2 virtualization software.

Aim:- To create a vm ware workstation/virtualization box with 1 vCPU, 2GiB ram and 15GiB storage and launch it.

Procedure:

-> open google browser
-> search for vm ware software for windows
-> Download the vm ware software for windows
-> Now install the software in system
-> Given permission and accept the privacy and security terms
-> Then the vm ware is installed.

Result:- Therefore the vm ware was installed successfully.

9.Create a Virtual Hard Disk and allocate the storage using VM ware Workstation

Experiment - 9

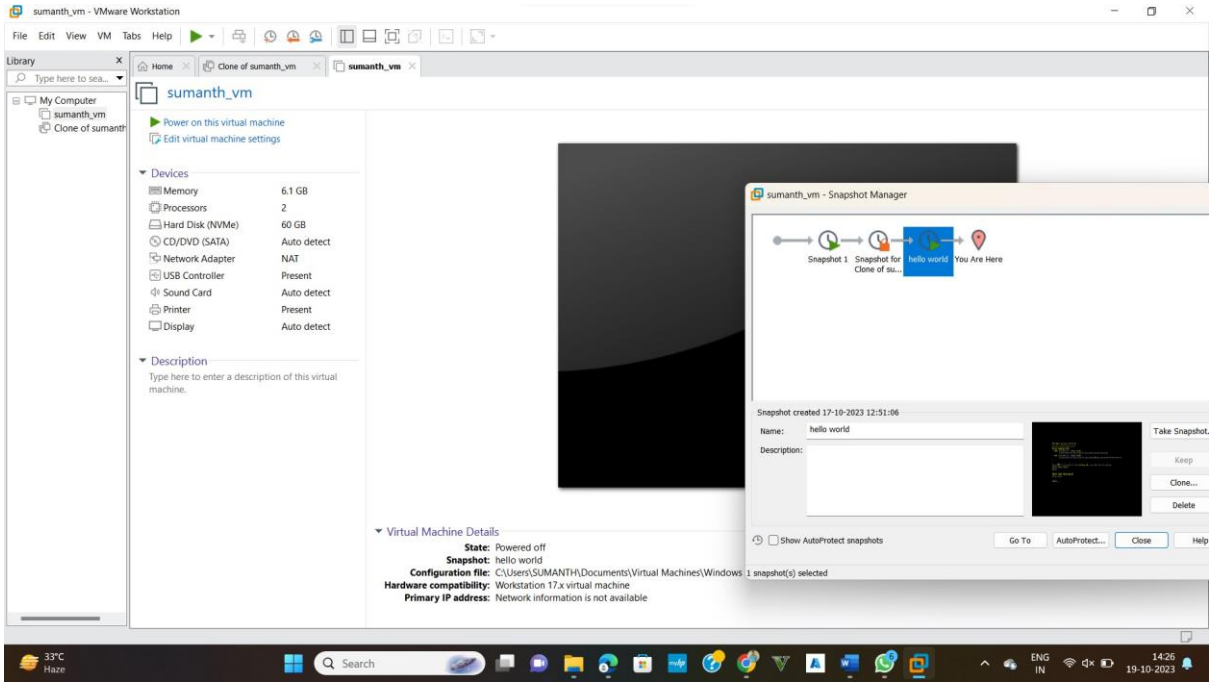
Create a virtual hard disk and allocate the storage using vmware workstation.

Aim:- To create a virtual hard disk and allocate the storage using vmware workstation.

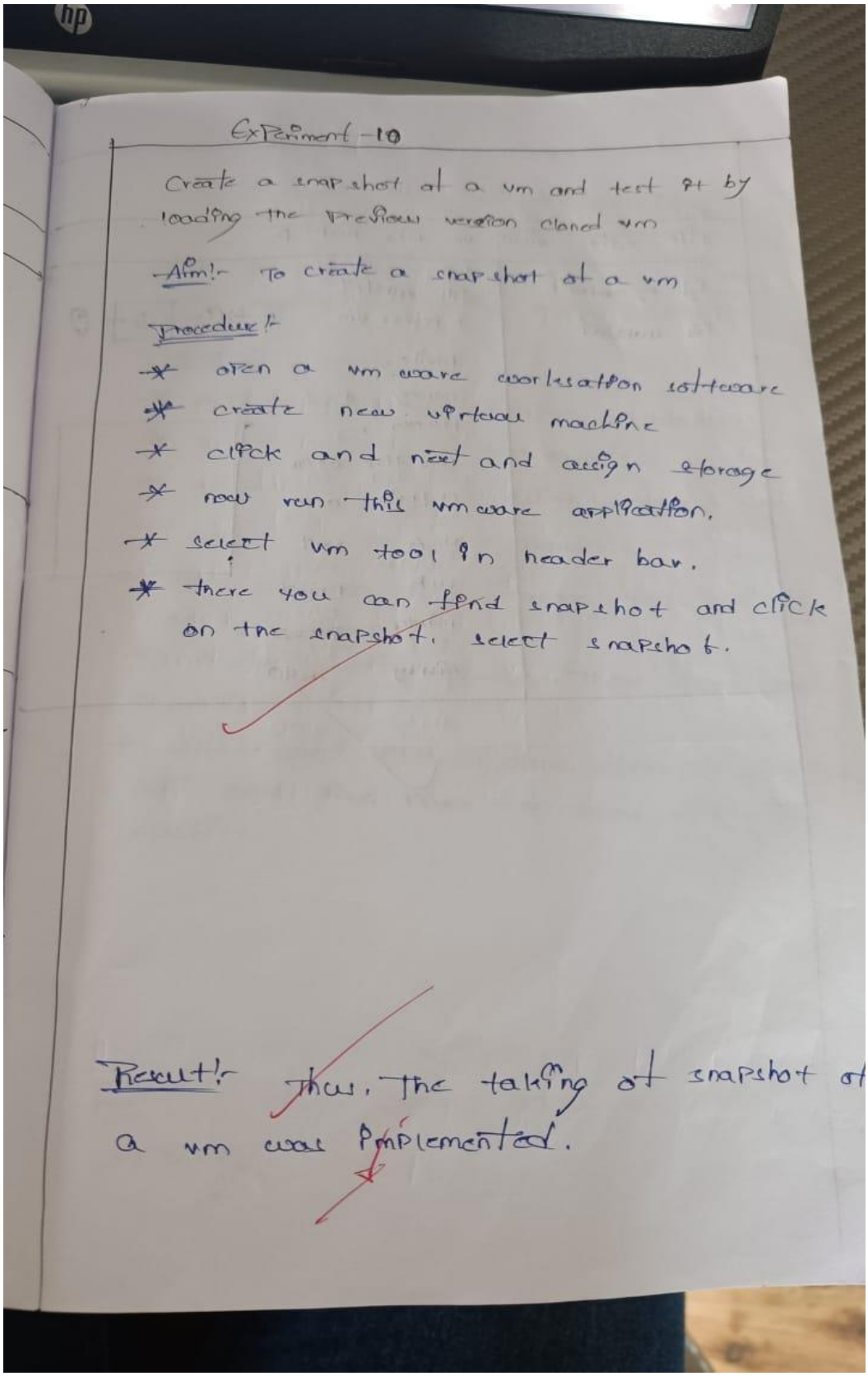
Procedure:-

* First open the vm ware workstation
* There you can see create a new virtual machine open a virtual machines and connect to remote server.
* Select the create a new virtual machine
* click on next and allocate the storage and give a name to vm.

Result:- Thus, the virtual hard disk and allocation of storage vm ware workstation was implemented.


sumanth_vm - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to sea...
My Computer
sumanth_vm
Clone of sumanth
Home
Clone of sumanth_vm
sumanth_vm
sumanth_vm
Power on this virtual machine
Edit virtual machine settings
Devices
Memory 6.1 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.
sumanth_vm - Snapshot Manager
Snapshot 1
Snapshot for Clone of su...
hello world
You Are Here
Snapshot created 17-10-2023 12:51:06
Name: hello world
Description:
Take Snapshot...
Keep
Clone...
Delete
Show AutoProtect snapshots
Go To
AutoProtect...
Close
Help
1 snapshot(s) selected
Virtual Machine Details
State: Powered off
Snapshot: hello world
Configuration file: C:\Users\SUMANTH\Documents\Virtual Machines\Windows
Hardware compatibility: Workstation 17.x virtual machine
Primary IP address: Network information is not available
33°C
Haze
Search
ENG
IN
14:26
19-10-2023

10.Create a Cloning of a VM and Test it by loading the Previous Version/Cloned VM



Experiment - 10

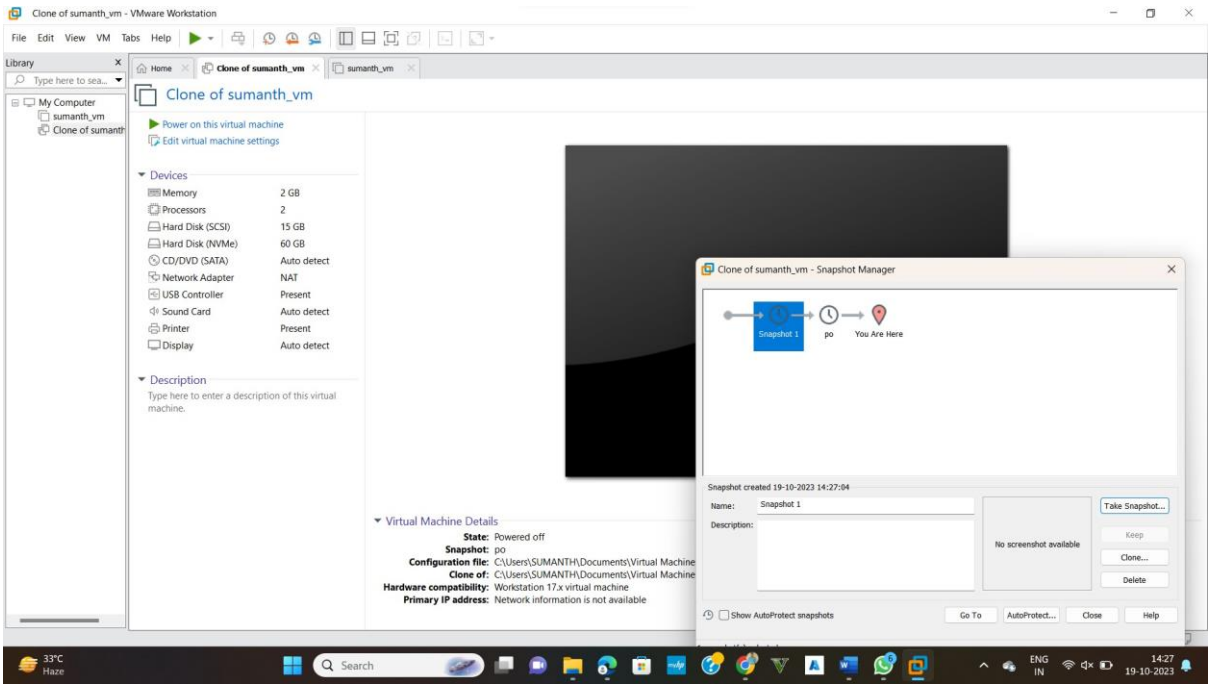
Create a snapshot of a vm and test it by loading the previous version cloned vm

Aim:- To create a snapshot of a vm

Procedure:-

* open a vm ware workstation software
* create new virtual machine
* click and next and assign storage
* now run this vm ware application.
* select vm tool in header bar.
* there you can find snapshot and click on the snapshot. select snapshot.

Result:- Thus, the taking of snapshot of a vm was implemented.


Clone of sumanth_vm - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to sea...
My Computer
sumanth_vm
Clone of sumanth
Home
Clone of sumanth_vm
sumanth_vm
Clone of sumanth_vm
Power on this virtual machine
Edit virtual machine settings
Devices
Memory 2 GB
Processors 2
Hard Disk (SCSI) 15 GB
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: po
Configuration file: C:\Users\SUMANTH\Documents\Virtual Machine
Clone of: C:\Users\SUMANTH\Documents\Virtual Machine
Hardware compatibility: Workstation 17.x virtual machine
Primary IP address: Network information is not available
Clone of sumanth_vm - Snapshot Manager
Snapshot 1
po
You Are Here
Snapshot created 19-10-2023 14:27:04
Name: Snapshot 1
Description:
No screenshot available
Take Snapshot...
Keep
Clone...
Delete
Show AutoProtect snapshots
Go To
AutoProtect...
Close
Help
33°C
Haze
Search
ENG
IN
14:27
19-10-2023

11.Change Hardware compatibility of a VM (Either by clone/create new one) which is already created and configured.

Experiment - 10

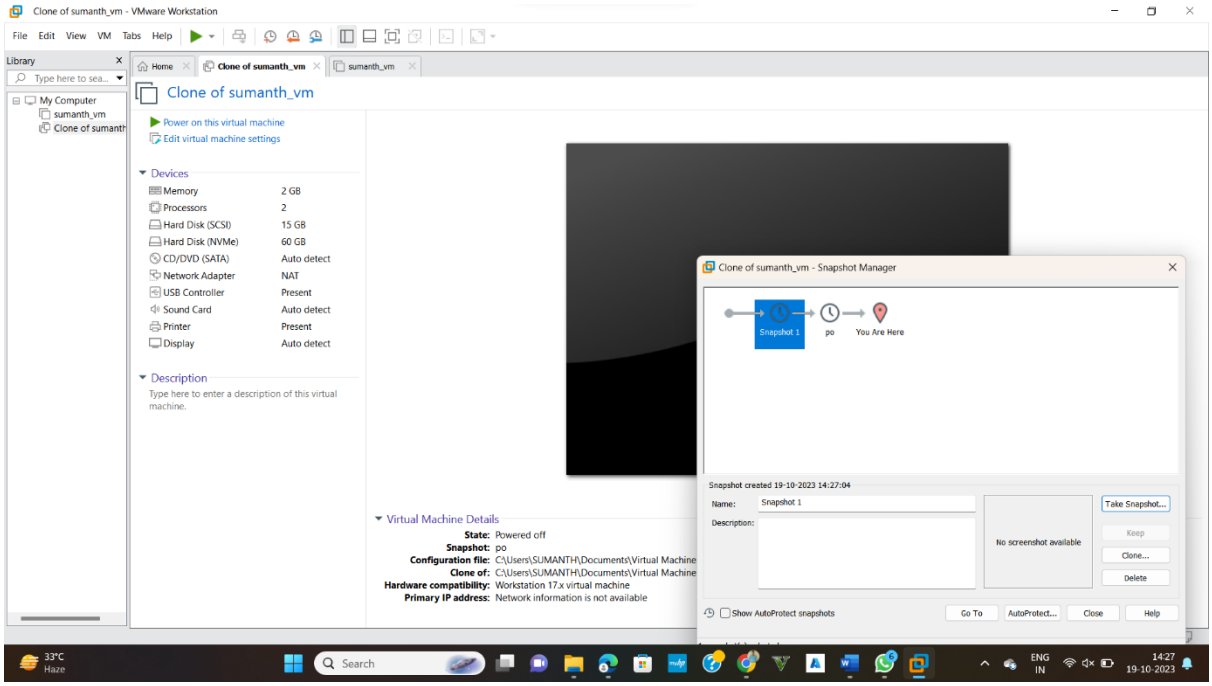
Create a cloning of a vm and test it by loading the previous version / cloned vm.

Aim:- To create a cloning of a vm and test it by loading the previous version / cloned vm

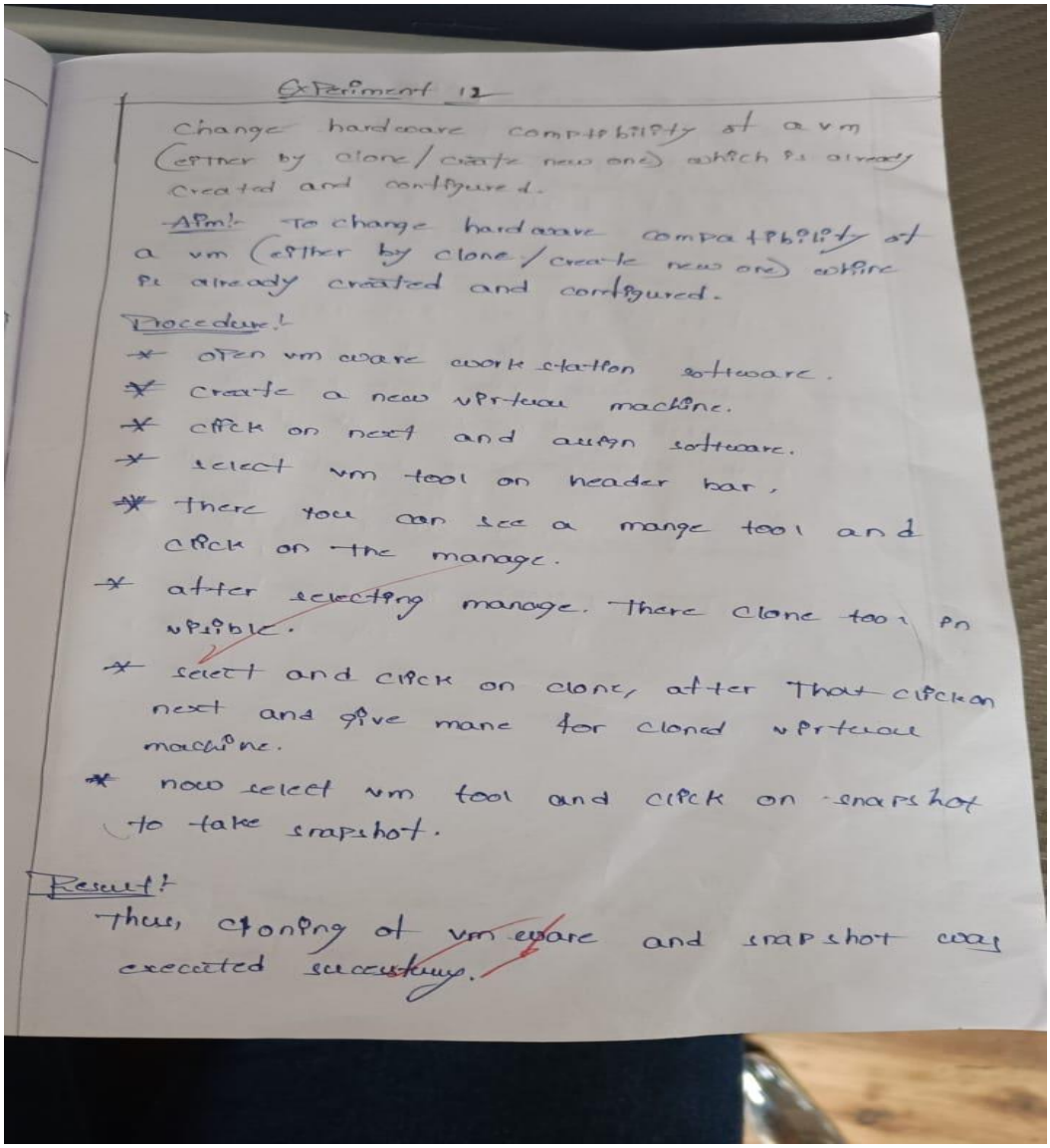
Procedure:-

* open vm ware workstation software
* create a new virtual machine
* click on next and assign storage
* select vm tool and header.
* there you can see a manage tool and click on the manage.
* After selecting manage, there clone tool be visible.
* select and click on clone, after that click on next and give name for cloned virtual machine.

Result:- Thus, cloning of a vm was implemented successfully.


Clone of sumanth_vm - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to sea...
My Computer
sumanth_vm
Clone of sumanth
Home
Clone of sumanth_vm
sumanth_vm
Clone of sumanth_vm
Power on this virtual machine
Edit virtual machine settings
Devices
Memory 2 GB
Processors 2
Hard Disk (SCSI) 15 GB
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: po
Configuration file: C:\Users\SUMANTH\Documents\Virtual Machine
Clone of: C:\Users\SUMANTH\Documents\Virtual Machine
Hardware compatibility: Workstation 17.x virtual machine
Primary IP address: Network information is not available
Clone of sumanth_vm - Snapshot Manager
Snapshot 1
po
You Are Here
Snapshot created 19-10-2023 14:27:04
Name: Snapshot 1
Description:
No screenshot available
Take Snapshot...
Keep
Clone...
Delete
Show AutoProtect snapshots
Go To
AutoProtect...
Close
Help
33°C
Haze
Search
ENG
IN
14:27
19-10-2023

12.change hard ware clone of a vm which is already created on configure



Experiment 12

Change hardware compatibility of a vm (either by clone / create new one) which is already created and configured.

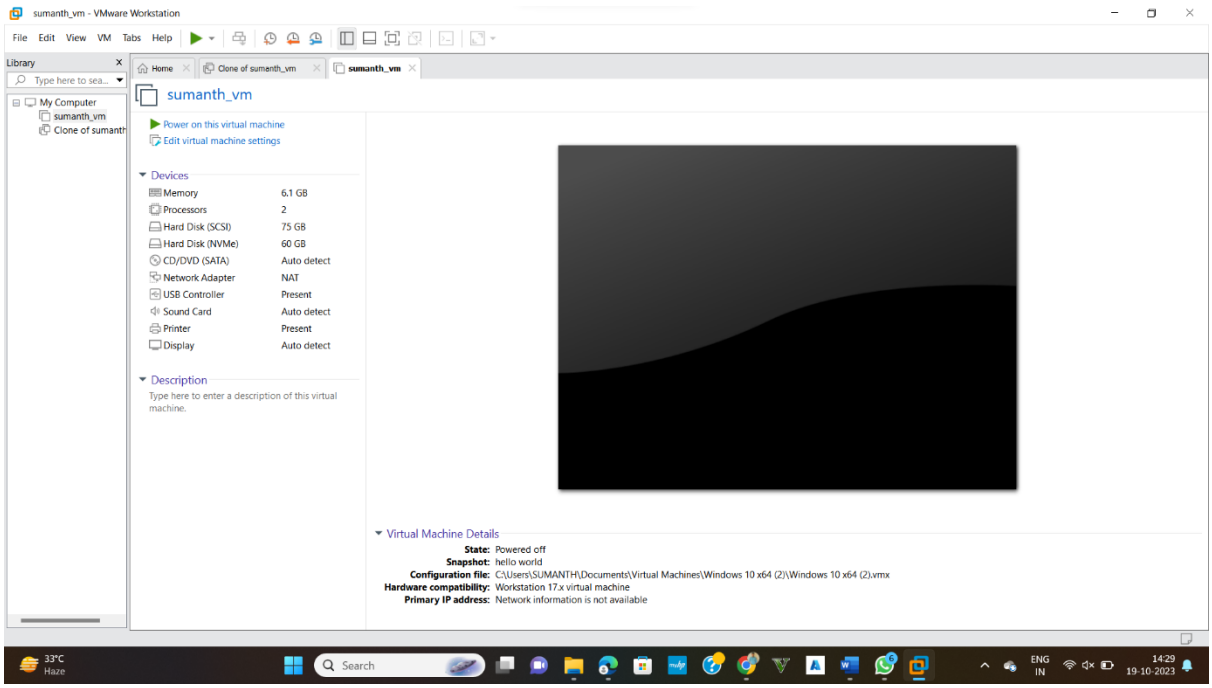
Aim:- To change hardware compatibility of a vm (either by clone / create new one) which is already created and configured.

Procedure:

* open vm ware work station software.
* Create a new virtual machine.
* click on next and assign software.
* select vm tool on header bar,
* there you can see a mange tool and click on the manage.
* after selecting manage. there clone tool is visible.
* select and click on clone, after that click on next and give name for cloned virtual machine.
* now select vm tool and click on snapshot to take snapshot.

Result:

Thus, cloning of vm ware and snapshot was executed successfully.


sumanth_vm - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to sea...
My Computer
sumanth_vm
Clone of sumanth
Home
Clone of sumanth_vm
sumanth_vm
sumanth_vm
Power on this virtual machine
Edit virtual machine settings
Devices
Memory 6.1 GB
Processors 2
Hard Disk (SCSI) 75 GB
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: hello world
Configuration file: C:\Users\SUMANTH\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
33°C
Haze
Search
ENG
IN
14:29
19-10-2023