16/10/2023   Ex:1 - Web Api For Car booking.

Aim:

To develop a Simple cloud Application using Zoho App builder

Procedure:

* Sign up or login to Zoho Creater.
* Define the data Structure for your Cab booking System.
* Create forms and fields For your Cab booking system
* Design functions For calculating total fare.
* Design Fields to Store Datas Such as Customer Infos and Ride Info. → List →
* Use Zoho Creators built in testing tools or External tools like Postman.
* ~~Ensure that Apps Complies with External Requirements~~
* Input the API with data and check the Database

Result:

The Application Named cab booking has be Successfully Created and deployed using Zoho.

creatorapp.zoho.in/solomonrajad65/environment/development/solomon-workspace/#Form:Book_a_Cab

Solomon_workspace   Development   View as   -MySelf-   ▼   Trial expires in 14 days Upgrade   ✎ Edit this application   ⑦ Help

solomon_workspace

| 🖥 Cab Booking ∨ |
| 📄 Book a Cab |
| 📄 Bookings |
| 🖥 Seat Booking > |
| 🖥 student_marksheet > |
| 🖥 STUDENT_MARKS > |
| 🌐 property_buy or rent > |
| 🖥 buying_land > |
| 🖥 property_rent > |
| 🖥 Payrolls > |
| 👥 subform for payroll > |
| 📚 Libraries > |

Solomon Raja

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

City / District	State Province

Postal Code	-Select- ▼ Country

Destination Address *

  Address Line 1

16/10/2023   Ex-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 (Flight Reservation)
* Design The Fields In a way that the geth Inputs as Customer Info, Travel Info and Date/time etc.
* Design The Fields using Formula Function To Display Total cost.
* Using Zohos ~~tools~~ Test the Application in the Zohos Environment.
* Input the data in Apl and Check the Database with inputed data.

Result:

The Application Named Flight Reservation has been Successfully Created and Deployed using Zoho.

Solomon_workspace Development

View as -MySelf- ▼ Trial expires in 14 days Upgrade ✎ Edit this application ⑦ Help

solomon_workspace

🖥 Cab Booking >

🖥 Seat Booking ⌄

☰ Pick Your Seat

☰ Booked Seats

🖥 student_marksheet >

🖥 STUDENT_MARKS >

🌐 property_buy or rent >

🖥 buying_land >

🖥 property_rent >

🖥 Payrolls >

👤 subform for payroll >

📚 Libraries >

Solomon Raja 🔔

Pick Your Seat

Name *

First Name | Last Name

Mobile Number *

🇮🇳 +91 ▾ | 81234 56789

Email *

from

to

Total_number_of_seats_needed

#######

Date *

19-Oct-2023 📅

price_per_seat

##,##,###.## ₹

Book Now Reset

16/10/2023   Ex-3- Web Api For Property Buying & Rental

Aim:

To develop a simple Cloud Application using Zoho App Builder.

Procedure:

* Sign in or sign up in Zoho Creater.
* Create a new Form
* Design the Fields In a way that they can Hold The Customer Information
* Design A Sub form In a way that It can Hold If Something is ~~need~~ needed to be added Later
* Design the Fields in a way that they collect All the Property Infos
* Save the Application Progress
* Test It using Tools And Environment Provided By Zoho.
* Input the Api with the data and check the Data

Result:

The Application Named property is successfully Developed using Zoho.

creatorapp.zoho.in/solomonrajad65/environment/development/solomon-workspace/#Form:property_buy_or_rent

Solomon_workspace **Development**   View as -MySelf- ▼ Trial expires in **14** days Upgrade   ✎ Edit this application   ⊙ Help

solomon_workspace

- 🖵 Cab Booking ›
- 🖵 Seat Booking ›
- 🖵 student_marksheet ›
- 🖵 STUDENT_MARKS ›
- 🌐 property_buy or rent ⌄
  - 🌐 **property_buy or rent**
  - ⛏ property_buy or ren...
- 🖵 buying_land ›
- 🖵 property_rent ›
- 🖵 Payrolls ›
- 👥 subform for payroll ›
- 📚 Libraries ›

👤 Solomon Raja 🔔

property_buy or rent

Name

| First Name | Last Name |

Email

[   ] ✉

Address

[   ]
Address Line 1

[   ]
Address Line 2

| City / District | State / Province |

| Postal Code | -Select- ▼ Country |

Phone 🇮🇳 +91 ▼ 81234 56789

gender -Select- ▼

Date_of_movein dd-MMM-yyyy 📅

Sq_feet_land #######

rent form

total_sq.ft	*price_per_sq.feet	total price

+ Add New

buy Form

16/10/2023 Exp - 5 · Web Api for Pay Roll.

Aim:
To create a simple Application using Zoho

Procedure:

* Sign in or sign up to Zoho Creator.
* Create a New Form with Application Name
  Employee
* Design the Fields to collect All the student info
* Design the Field using Formula Function to callulate
  Monthly salary Tax etc.,
  to ~~total~~ and Slug Marks.
                         Store CTC
* Design the Field to ~~store~~ marks of different
  Subjects.

* Using Zohos Tools And Environment Test the
  Application.

* Input the Data into the Api and check the Data
  with Data base.

Result:
      The Application was created successfully using Zoho.

Solomon_workspace   Development   View as   -MySelf-   ▼   Trial expires in 14 days Upgrade   ✏ Edit this application   ⓘ Help

solomon_workspace

🖥 Cab Booking   >

🖥 Seat Booking   >

🖥 student_marksheet   >

🖥 STUDENT_MARKS   >

🌐 property_buy or rent   >

🖥 buying_land   >

🖥 property_rent   >

🖥 **Payrolls**   ˅

  🏛 payroll

  🌐 All Payrolls

👥 subform for payroll   >

📚 Libraries   >

payroll

| Name | First Name | Last Name |

Phone   🇮🇳 +91 ▾   81234 56789

Email   [   ] ✉

occupation
Address Line 1

Address Line 2

City / District   State / Province

Postal Code   -Select- ▾
              Country

Address
Address Line 1

Address Line 2

City / District   State / Province

Postal Code   -Select- ▾
              Country

date of joining   dd-MMM-yyyy   📅

SubForm

| basicpay | CAA | DA | tax | TOTAL SALARY |

Solomon Raja

16/10/2023   Ex.4. Web App to Create A Student Mark list

Aim:

    To Create A Simple Application using Zoho Creation.

Procedure:

* Sign In or Sign up to Zoho Creator.
* Create a New Form with Application Name.
* Design the Fields to Store the student Info (such as, Name, Reg No, D.O.B.., etc)
* Design A Formula Field to Calculate the Following (Subject Marks, Total, Avg).

* Save the Progress
* Using the Zoho Creator tools and Environment Test the Application.
* Check the App by Inputing it with data and Refer the data Base For Inputed data.

Result:

    The Application has been successfully Created using Zoho

creatorapp.zoho.in/solomonrajad65/environment/development/solomon-workspace/#Form:student_marksheet

Solomon_workspace   Development   View as   -MySelf-   ▼   Trial expires in 14 days Upgrade   ✎ Edit this application   ⑦ Help

solomon_workspace

🖥 Cab Booking	>
🖥 Seat Booking	>
🖥 student_marksheet	∨
⊹ student_marksheet	
▣ student_marksheet ...	
🖥 STUDENT_MARKS	>
🌐 property_buy or rent	>
🖥 buying_land	>
🖥 property_rent	>
🖥 Payrolls	>
👥 subform for payroll	>
📖 Libraries	>

👤 Solomon Raja   🔔

student_marksheet

Name

| First Name | | Last Name |

Email   [_____] ✉

Address

Address Line 1

Address Line 2

City / District   State / Province

Postal Code   -Select- ▼   Country

Phone   🇮🇳 +91 ▾ 81234 56789

D.O.B   dd-MMM-yyyy HH:mm:ss   📅

SubForm

REG_NO	English	Percent	science	computer_science	avg_

✚ Add New

Section

Signature   Draw your signature   [Clear]

Exp.6 - Library Book Reservation   16-10-2023

Aim:

To create an Simple Application using Zoho Creator.

Procedure:

* Sign in or Sign up into ZOHO
* Create a new Form with Application Name.
* Design the Field to Store Student info
* Design the Field to Store Book Info.
* Design the Field using Formula Function to Calculate and Display Due date if there is any.
* using ZOHO Tools and Environment Test the Application.
* Input the ~~Data~~ API with Data and Check the Database with inputs given.

Result:

The Application was Created Successfully and Deployed using Zoho Creator.

creatorapp.zoho.in/solomonrajad65/environment/development/solomon-workspace/#Form:library

Solomon_workspace   Development   💻 📱 📖   View as   -MySelf-   ▼   Trial expires in 14 days Upgrade   ✏ Edit this application   ⑦ Help

solomon_workspace

library

💻 Cab Booking >
💻 Seat Booking >
💻 student_marksheet >
💻 STUDENT_MARKS >
🌐 property_buy or rent >
💻 buying_land >
💻 property_rent >
💻 Payrolls >
👥 subform for payroll >
📚 **Libraries** ⌄
   📚 library
   🌐 All Libraries

Solomon Raja   🔔

Name   [First Name] [Last Name]

Address   [Address Line 1]
                Address Line 1
                [Address Line 2]
                Address Line 2
                [City / District] [State / Province]
                City / District   State / Province
                [Postal Code] [-Select- ▼]
                Postal Code   Country

Phone   🇮🇳 +91 ▾ [81234 56789]

book name   [ ]

book number [#######]

book price [##,##,###.##] ₹

Date_of_reservation-from [dd-MMM-yyyy] 📅

Date_of_reservation-to   [dd-MMM-yyyy] 📅

due_price per day   [##,##,###.##] ₹

student_Signature   Draw your signature   [Clear]

Ex-1 Installing VM ware workstation 17/10/2023
for windows.

Aim:
To install vm ware workstation for windows os

procedure

* Open Chorme, using search bar search VM ware
* open the official vm ware link and install the VMware Software (opensource) for windows os And wait for the installation to complete.
* Run the vm ware.exe Setup file and allow the Storage permission
* Browse the location where the file need to be Stored and Install the VM ware software.
* After Installing Open the vm Ware From the file location

Result:
Therefore the Open source Software (VMware) is Successfully Installed for windows and running Successfully.

Exp-8- Create a Virtual Machine with 1vcpu, 2GB 17-10-2023
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, 2GB Ram and 15GB
storage and launch it.

Procedure:

* Install VM ware software
* open VM ware. Create a New virtual Machine
  with any name.
* Select the windows OS 11 x64 Bits
* Select the Destination of the file of virtual
  Machine.
* under Hard ware increase the Ram to 2GB
  And ROM to 15GB. — Result -)
* Set the V Cpu to One.
* And save the virtual Machine, Run it.

Result:

The vm using ubuntu image has been configured
and installed on a Type 2 Hyperviser using
VM ware.

File   Edit   View   VM   Tabs   Help

SOLOMON ORIGINAL

Library

Type here to search

- My Computer
  - SOLOMON ORIGINAL
  - Clone of SOLOMON ORIGINAL SN/
  - Clone of SOLOMON ORIGINAL
  - parthibhan_ws
  - Clone of parthibhan_ws

▶ Power on this virtual machine
▷ Edit virtual machine settings

▼ Devices

Memory	4 GB
Processors	2
Hard Disk (NVMe)	64 GB
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
Snapshot: SNAPSHOT OF SOLOMON ORIGINAL
Configuration file: C:\Users\solom\Documents\Virtual Machines\SOLOMON ORIGINAL\SOLOMON ORIGINAL.vmx
Hardware compatibility: Workstation 17.x virtual machine
Primary IP address: Network information is not available

Aim:

To Create a virtual Hard disk For the given virtual Machine and Allocate around 10GB of Storage From the physical HDD

procedure.

* install VM ware software
* open VM ware. Create a new virtual Machine with any name.
* select windows 11 64x OS   ~~Rollout~~
* Select the Destination of the VM.
* Save the virtual Machine.
* under the option Hardware select Hardisk and set the Size to 10GB And Add it
* Save the progress and Run the Machine.

Result:

An virtual Hard disk has Been added inside the VM Machine

Virtual Machine Settings

Hardware | Options

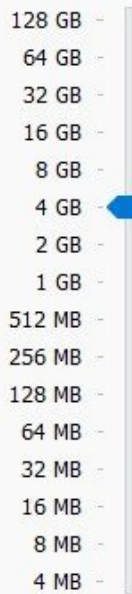| Device	Summary
🖥 Memory	4 GB
⬚ Processors	2
🖴 Hard Disk (NVMe)	64 GB
⊙ CD/DVD (SATA)	Auto detect
🖧 Network Adapter	NAT
🔌 USB Controller	Present
🔊 Sound Card	Auto detect
🖨 Printer	Present
🖵 Display	Auto detect
🔐 Trusted Platform Mo...	Present

[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]

Exp-10 - Create a Snapshot and Cloning of a VM and Test it by loading the previous version/ Cloned VM.

17/10/2023

Aim:

To Create a Snapshot and test to see if the deleted cont Clone the Snapshot using VMware.

Procedure:

✓ Open VMware
* Create a New Virtual Machine and Name it
* Specify the Virtual Hardware Components of the Virtual Machine.
* Save the Virtual Machine And Run the Virtual Machine.
* Under the Snapshot Create a Snapshot with Any Name.
* Under the Cloning Create a full Clone with Any preferable Name.
* disable the Snap hot to load the previous Virtual Machine.

Result:

The Snapshot and Clone of the VM has been implemented and tested.

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   📄 SOLOMON ORIGINAL   📄 Clone of SOLOMON ORIGINAL...   📄 Clone of SOLOMON ORIGINAL   📄 parthibhan_ws   📄 Clone of parthibhan_ws

Clone of SOLOMON ORIGINAL SNAP

▶ Power on this virtual machine

📝 Edit virtual machine settings

▼ Devices

Device	Value
🖳 Memory	4 GB
🖳 Processors	2
🖴 Hard Disk (NVMe)	64 GB
💿 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\Clone of SOLOMON ORIGINAL SNAP\Clone of SOLOMON ORIGINAL SNAP.vmx
Hardware compatibility: Workstation 17.x virtual machine
Primary IP address: Network information is not available

version.

Aim:

To Create a Snapshot for Cloning of an Vm coare workstation.

Procedure:

* using vm ware work station we create a Snapshot for Cloning VM machine copy.

* Create a new virtual Machine to take a Snapshot for cloning VM Machine.

* we have to select a UM (option) in the virtual Machine and find the Manage tool to Make a Clone UM Machine.

* After Creating a UM Machine we can take a Snapshot for clone vm Machine.

* Finally verified the Snapshot are taken successfully.

Result:

The Clone of a virtual Machine has bee Created and Snapshot of if is taken and verified.

SOLOMON ORIGINAL - Snapshot Manager

SNAPSHOT OF SOLOM... → Snapshot 2 → 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

Exp-13 Create a virtual Machine for shell in VM
ware workstation.   17/10/2023

Aim:

To create a virtual Machine for an shell in VM
ware workstation.

Procedure :

* open VM ware workstation.

* Create a New virtual Machine. by clicking on
New virtual Machine.

* Configure the (configurations) of the virtual Mabhine
in a desired way.

* The I/p controller Type can leave a default
option unless you have a Specific requirement.

* we can Implement Some "Code" in that shell and
give O/p are verified.

Result:

        A Shell program is Successfully
written and output is verified in a virtual
Machine Created using VM ware.