User Interface Lab

Subject Code: MCAL25

A Project Report Submitted in
Fulfilment of the Degree of

MASTER

In

COMPUTER APPLICATION

Year 2022-2023

By

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(Application Id-172047)

Semester-II

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University of Mumbai

PCP Center

[Satish Pradhan Dyanasadhana College, Thane]

Institute of Distance and Open Learning

Vidya Nagari, Kalina, Santacruz East – 400098.

CERTIFICATE

This to certify that, **" Ravishankar Jaiswal"** appearing **Master's in computer application (Semester II) Application ID: 172047**satisfactory completed the prescribed practical of **MCAL25 -User Interface Lab** as laid down by the University of Mumbai for the academic year 2022-23.

Teacher In Charge	External Examiner	Coordinator – M.C.A

Date:

Place: -

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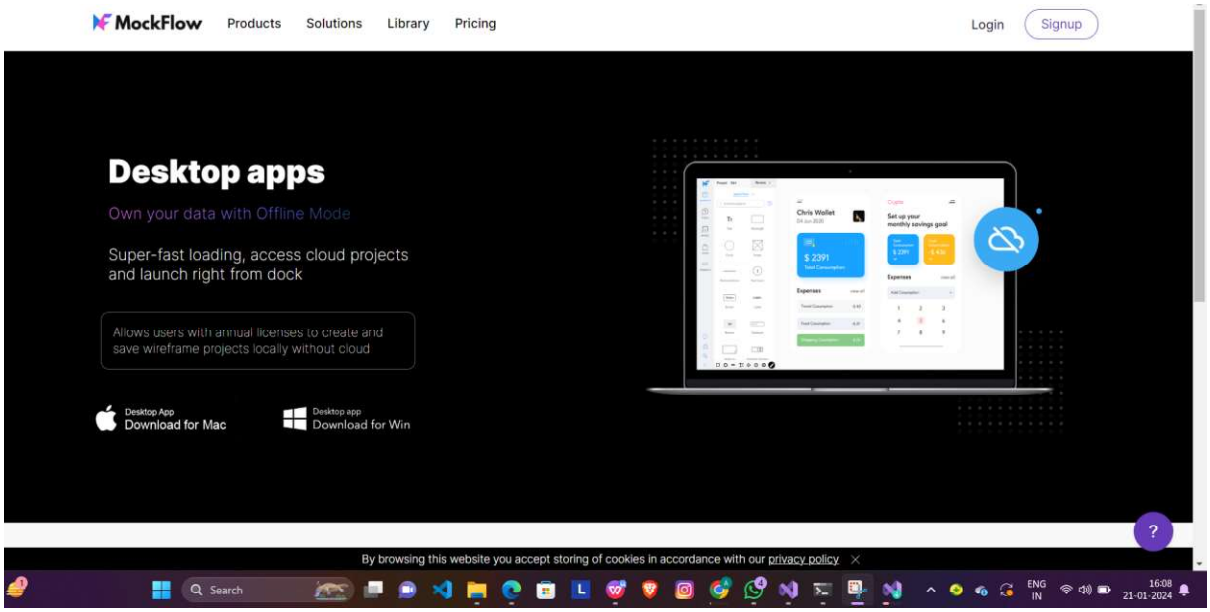
User interfaces

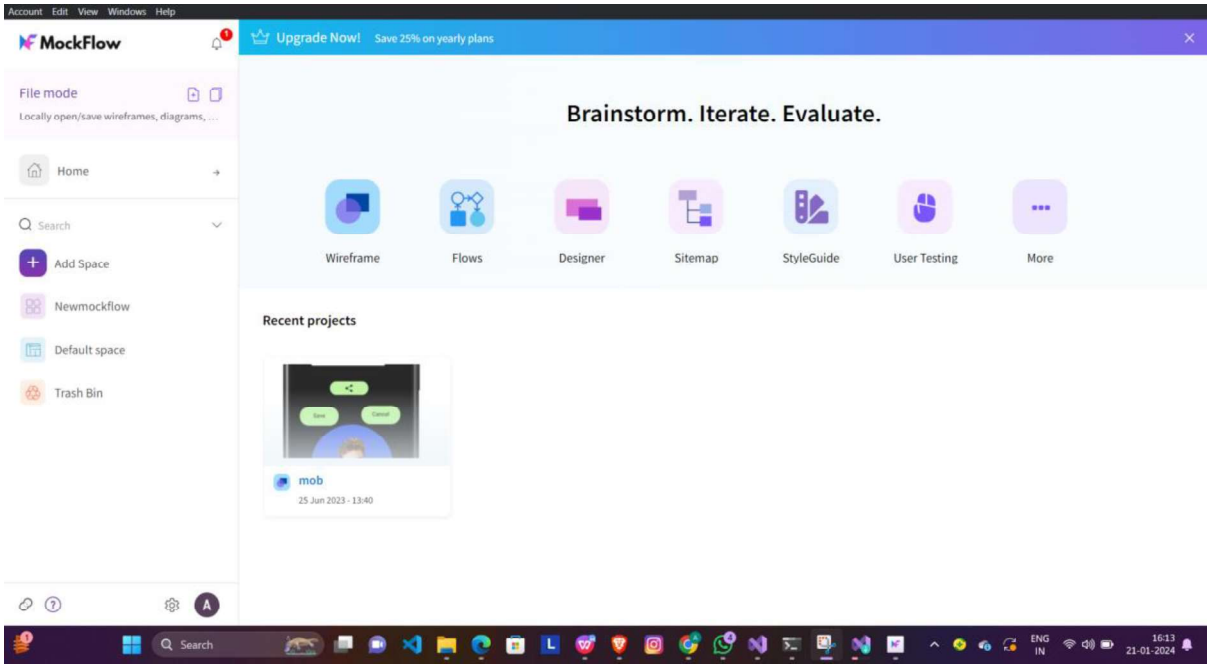
Practical No 1: Installation of UI tools

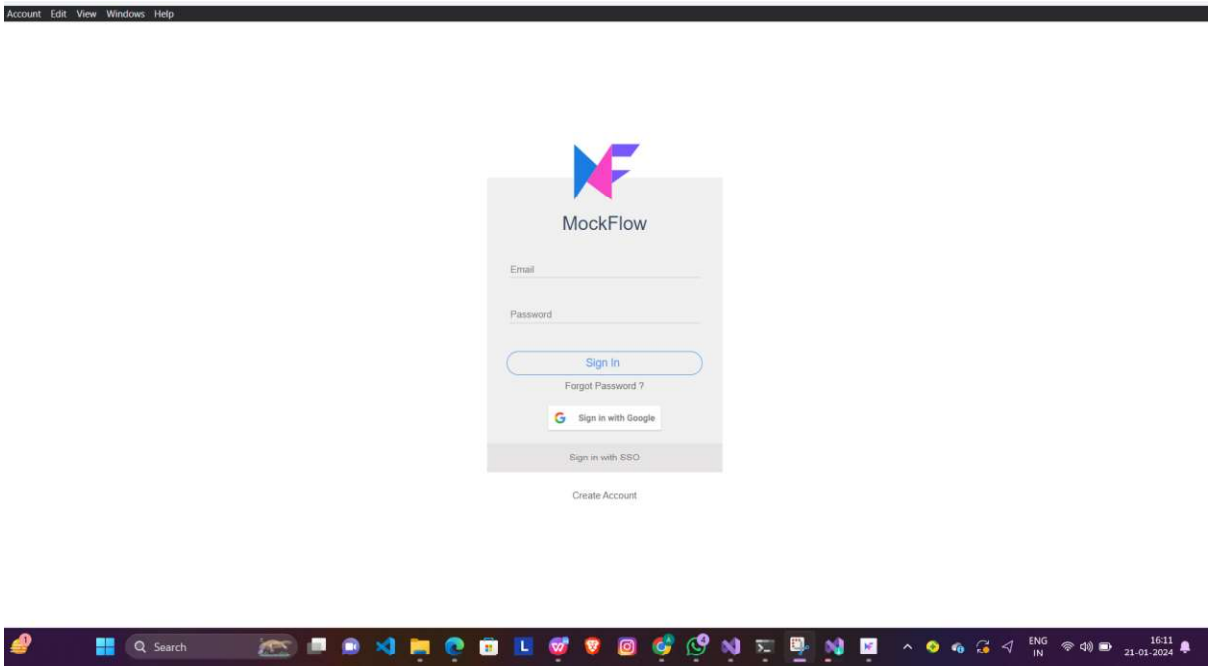
Step 1- Download the Mock Flow Wire frame Pro from Google Chrome



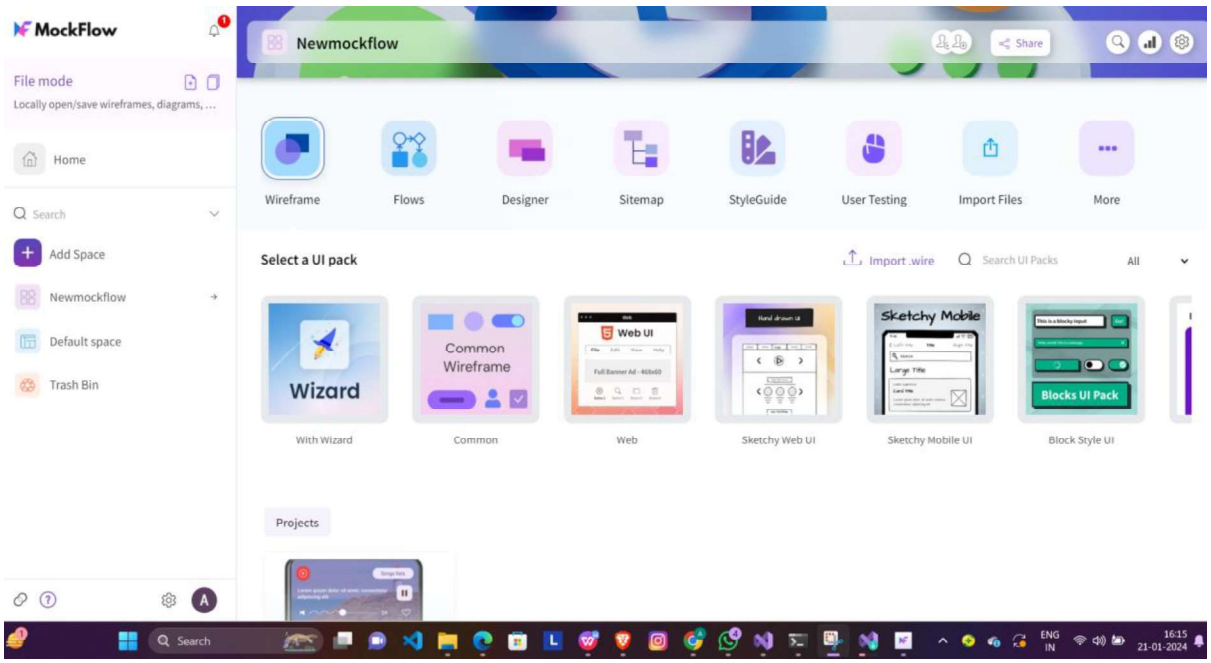
Step 2 - Create an account on and Sign In

Once Logged In the User Interface will came as below

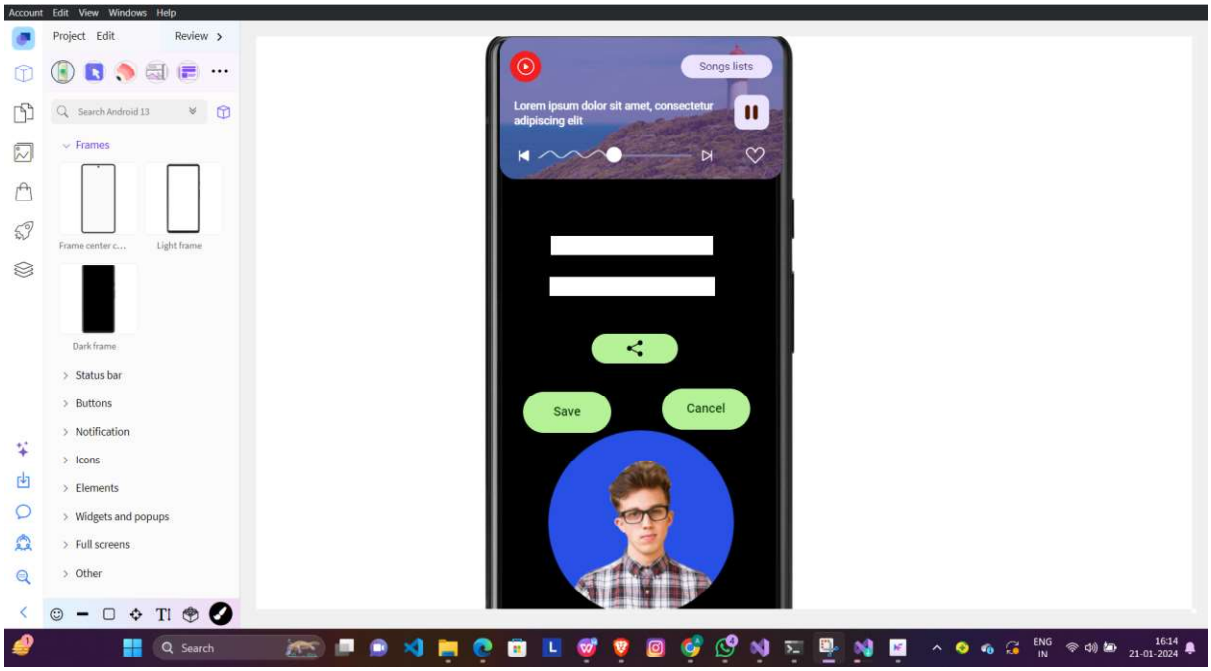




Step 3 - Create an own mobile app User Interface



Step 4 - Use Mobile User Interface Wireframe.



How to Install Adobe XD on Windows?

1. System Requirements

Before learning to install Adobe XD on Windows, ensure that your computer meets the minimum system requirements for Adobe XD. Adobe XD requires Windows 10 (64-bit) or later, and certain system specifications for optimal performance.

Since designing takes a lot of time, you may have to work on the software continuously for 5 or 6 hours so make sure you have the proper specifications beforehand so that your system doesn't have a problem running it.

2. Adobe Creative Cloud Account

If you don't already have an Adobe account, you'll need to create one. Go to the Adobe Creative Cloud website and sign up. Adobe XD has both free and paid versions, so you can choose according to your needs.

3. Download Adobe Creative Cloud

In order for you to install Adobe XD on Windows, you first need to download and install Adobe Creative Cloud. So, the first step is to download the Creative Cloud application. Go to the Adobe Creative Cloud website and click on the "Download" button for the Creative Cloud app.

4. Install Adobe Creative Cloud

Once the Creative Cloud installer is downloaded, open the file and follow the on-screen instructions to install it on your Wind

ows computer. This enables you to install Adobe XD on Windows.

5. Sign in to Creative Cloud

After installing, open the Creative Cloud application and sign in with your Adobe account credentials that you used to sign up previously.

6. Install Adobe XD

In the Creative Cloud application, you will see a range of Adobe applications such as Photoshop, Illustrator, Lightroom, After Effects, and so on. Look for Adobe XD and click the “Install” button next to it. The application will start downloading and installing.

7. Wait for Installation to Complete

The installation process may take some time depending on your internet connection. Once installed, Adobe XD will be available to launch from the Creative Cloud app.

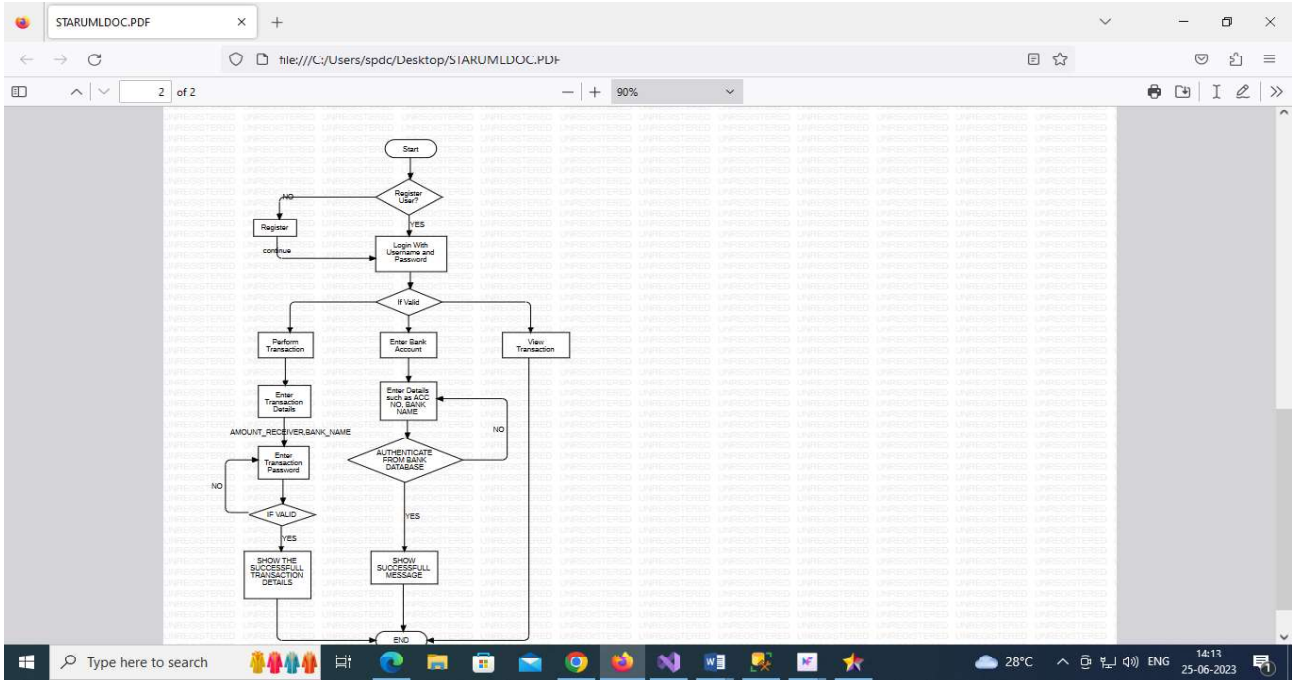
8. Launch Adobe XD

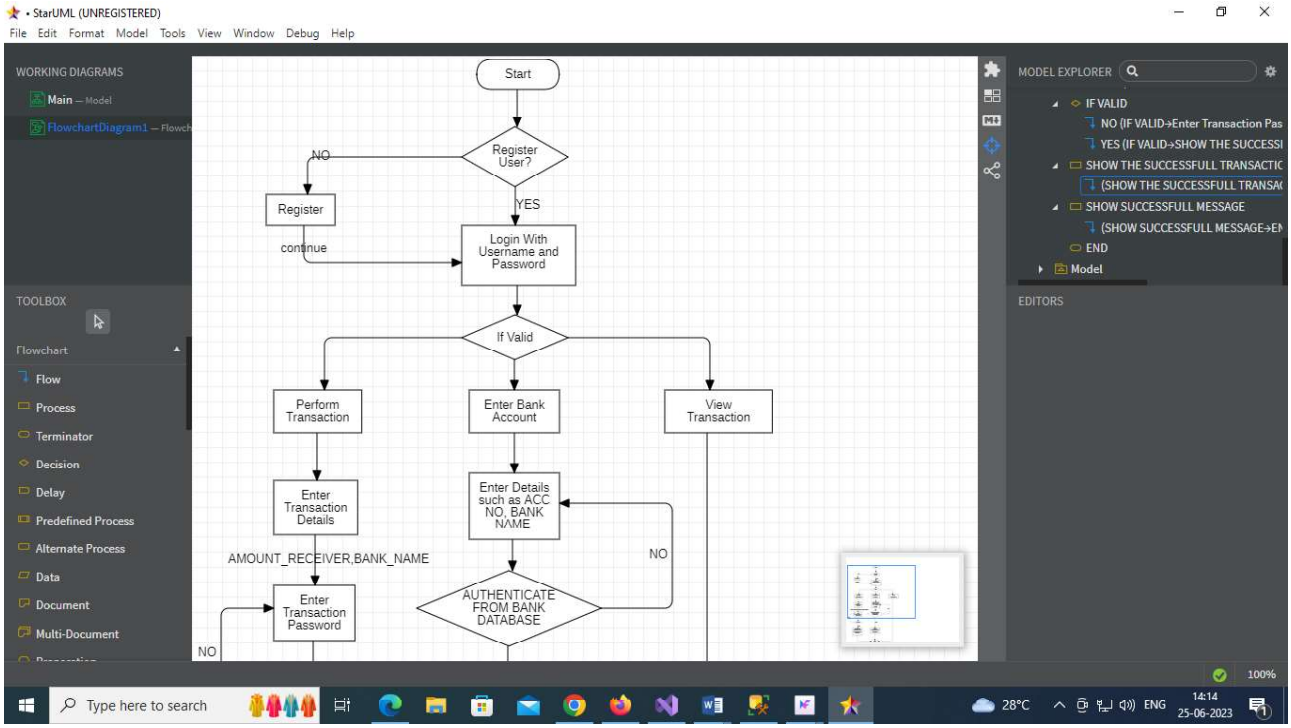
That is how you should install Adobe XD on Windows. After installation, you can open Adobe XD directly from the Creative Cloud app or through a shortcut on your desktop or start menu.

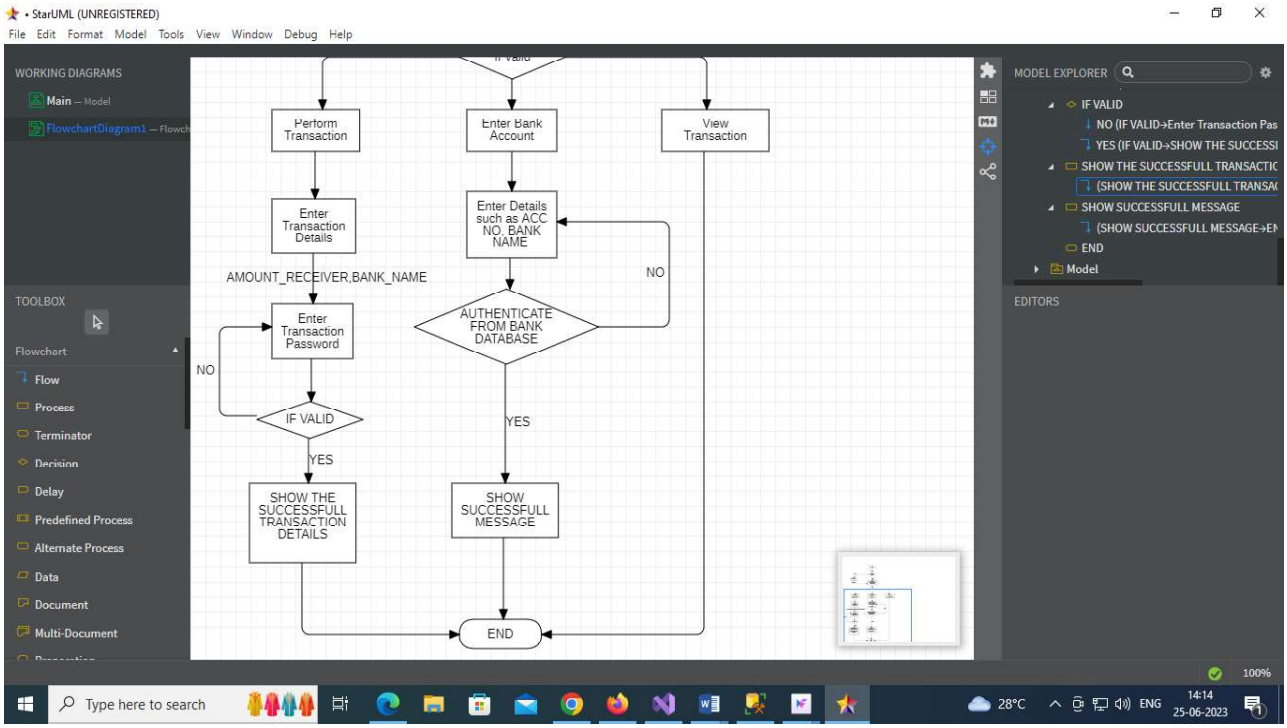
This is the step-by-step process to install Adobe XD on Windows.

Practical No 2: Star UML Diagram

STAR UML






• StarUML (UNREGISTERED)
File Edit Format Model Tools View Window Debug Help
WORKING DIAGRAMS
Main — Model
FlowchartDiagram1 — Flowch
TOOLBOX
Flowchart
Flow
Process
Terminator
Decision
Delay
Predefined Process
Alternate Process
Data
Document
Multi-Document
Perform Transaction
Enter Bank Account
View Transaction
Enter Transaction Details
Enter Details such as ACC NO, BANK NAME
AMOUNT_RECEIVER,BANK_NAME
NO
Enter Transaction Password
AUTHENTICATE FROM BANK DATABASE
NO
IF VALID
YES
YES
SHOW THE SUCCESSFULL TRANSACTION DETAILS
SHOW SUCCESSFULL MESSAGE
END
MODEL EXPLORER
IF VALID
NO (IF VALID->Enter Transaction Pas
YES (IF VALID->SHOW THE SUCCESSI
SHOW THE SUCCESSFULL TRANSACTIC
(SHOW THE SUCCESSFULL TRANSAC
SHOW SUCCESSFULL MESSAGE
(SHOW SUCCESSFULL MESSAGE->EN
END
Model
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Type here to search
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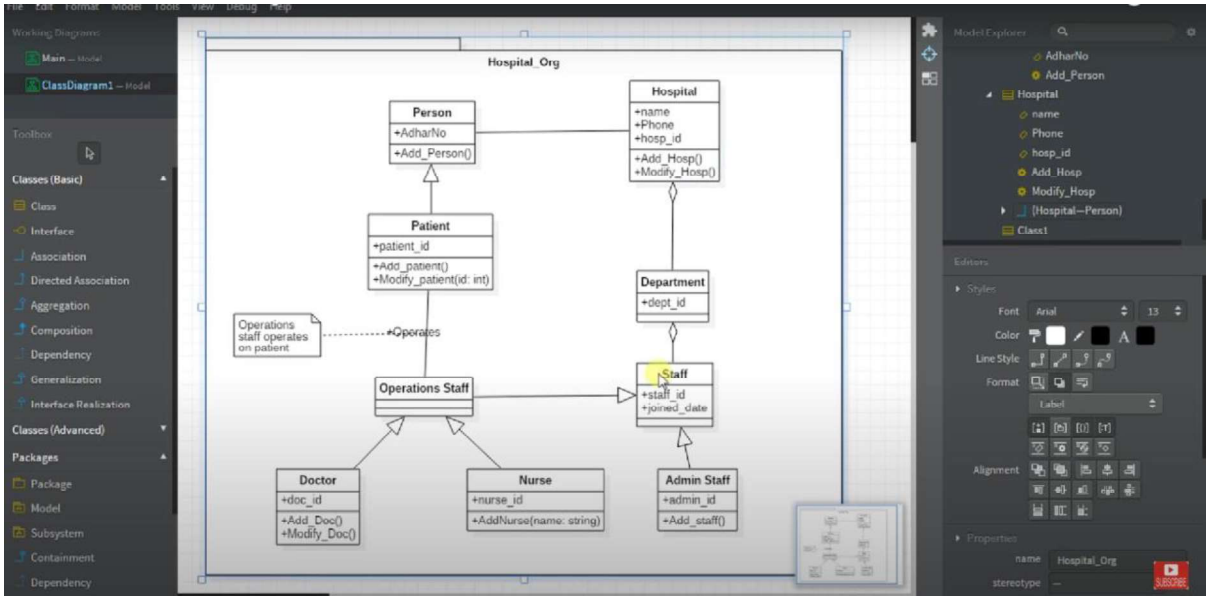
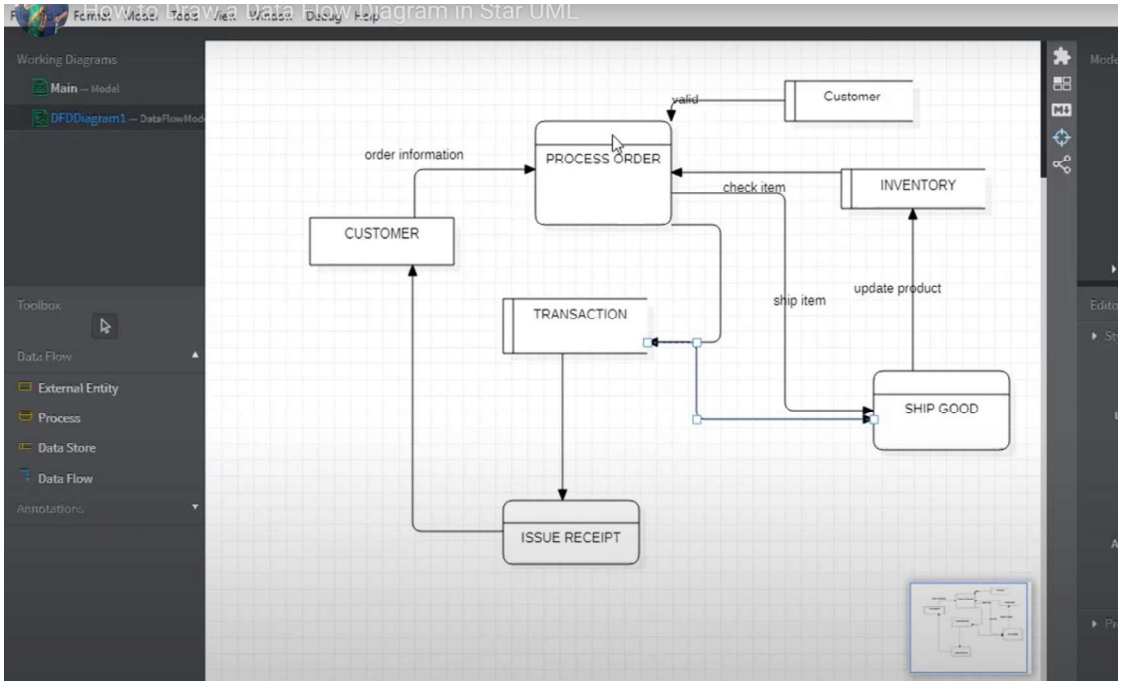
25-06-2023

Practical No 3: (Module 3) Analysis

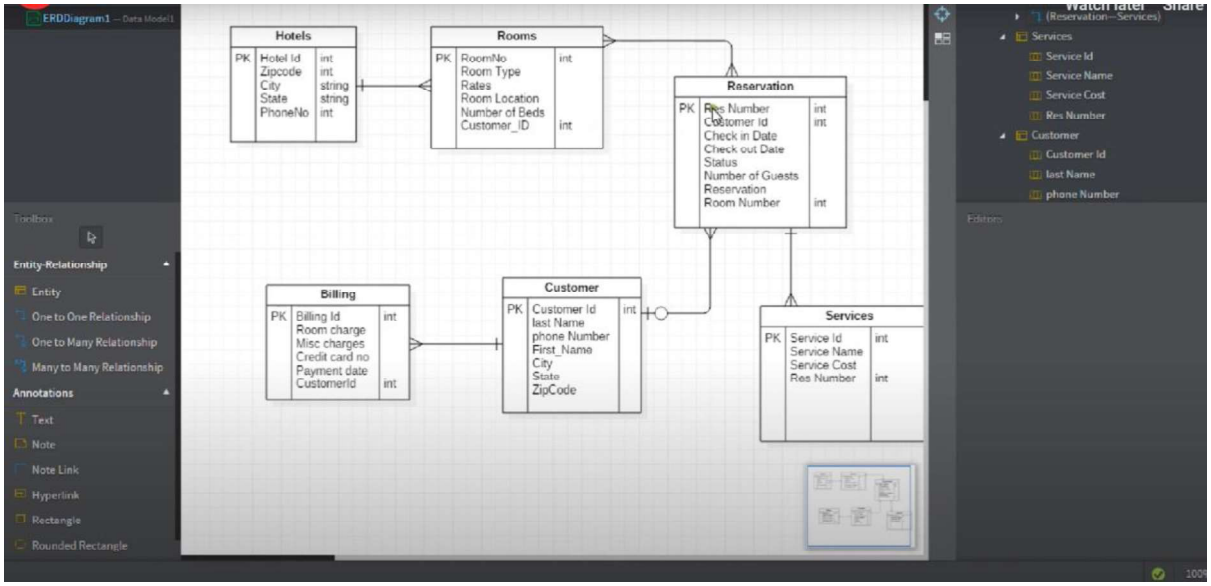
Class Diagram



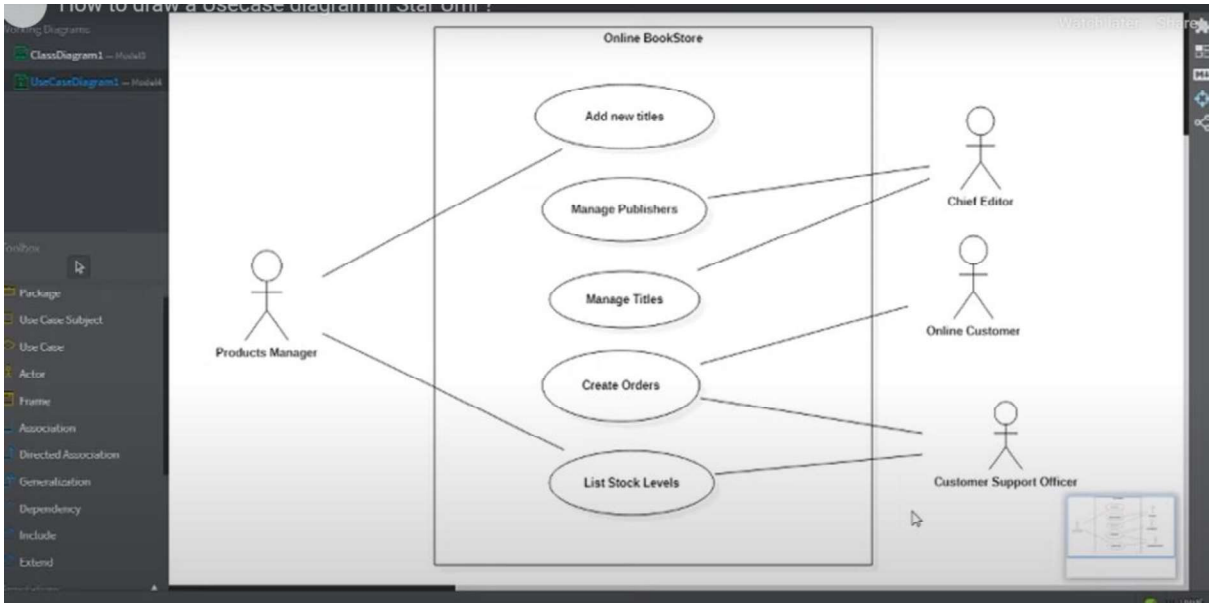
Data Flow Diagram



ER Diagram


ERDDiagram1 -- Data Model1
Hotels
PK Hotel Id int
Zipcode int
City string
State string
PhoneNo int
Rooms
PK RoomNo int
Room Type
Rates
Room Location
Number of Beds
Customer_ID int
Reservation
PK Res Number int
Customer Id int
Check in Date
Check out Date
Status
Number of Guests
Reservation
Room Number int
Billing
PK Billing Id int
Room charge
Misc charges
Credit card no
Payment date
CustomerId int
Customer
PK Customer Id int
last Name
phone Number
First_Name
City
State
ZipCode
Services
PK Service Id int
Service Name
Service Cost
Res Number int
Toolbox
Entity-Relationship
Entity
One to One Relationship
One to Many Relationship
Many to Many Relationship
Annotations
Text
Note
Note Link
Hyperlink
Rectangle
Rounded Rectangle
(Reservation--Services)
Services
Service Id
Service Name
Service Cost
Res Number
Customer
Customer Id
last Name
phone Number
Editors

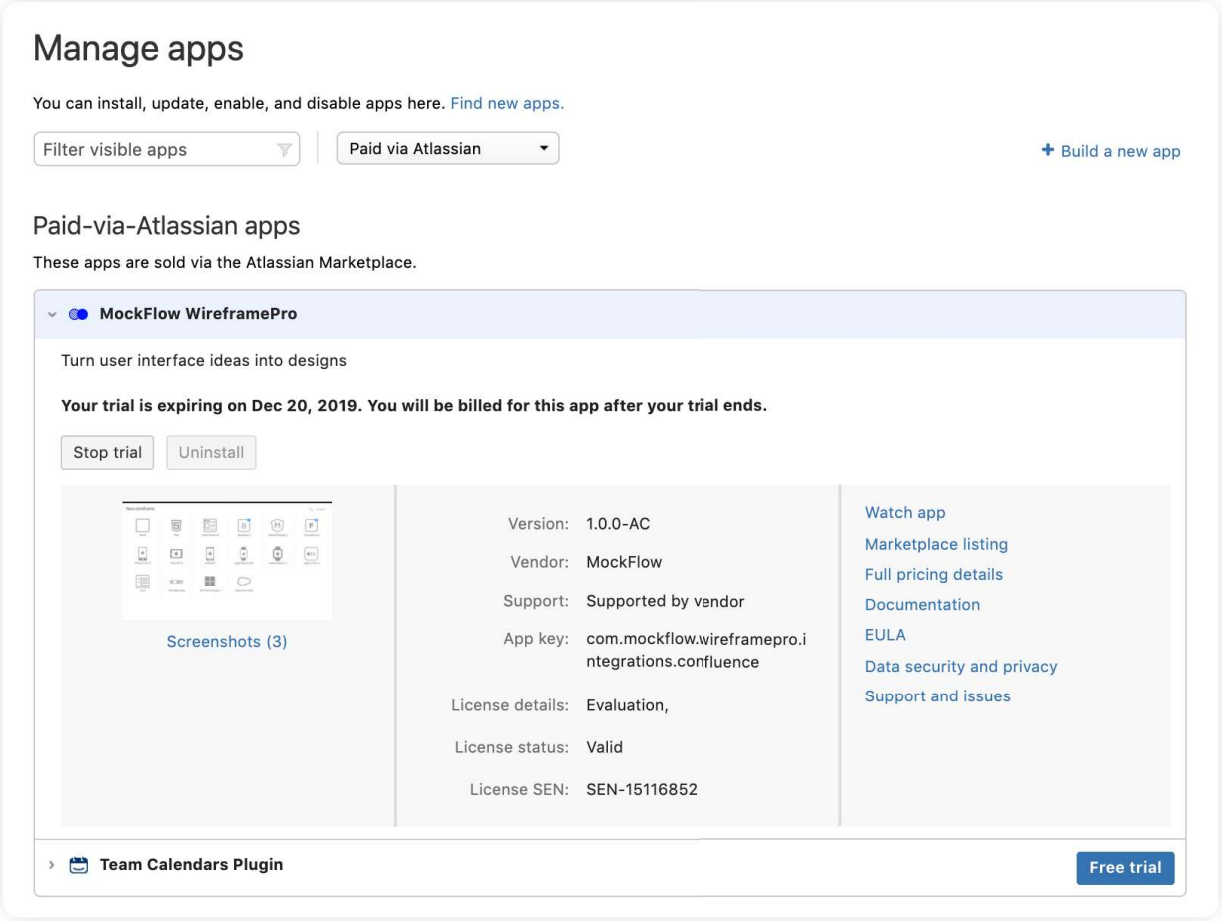
Practical No 4: Use case Diagram



Practical No 5: User Interface Design using Wireframe.

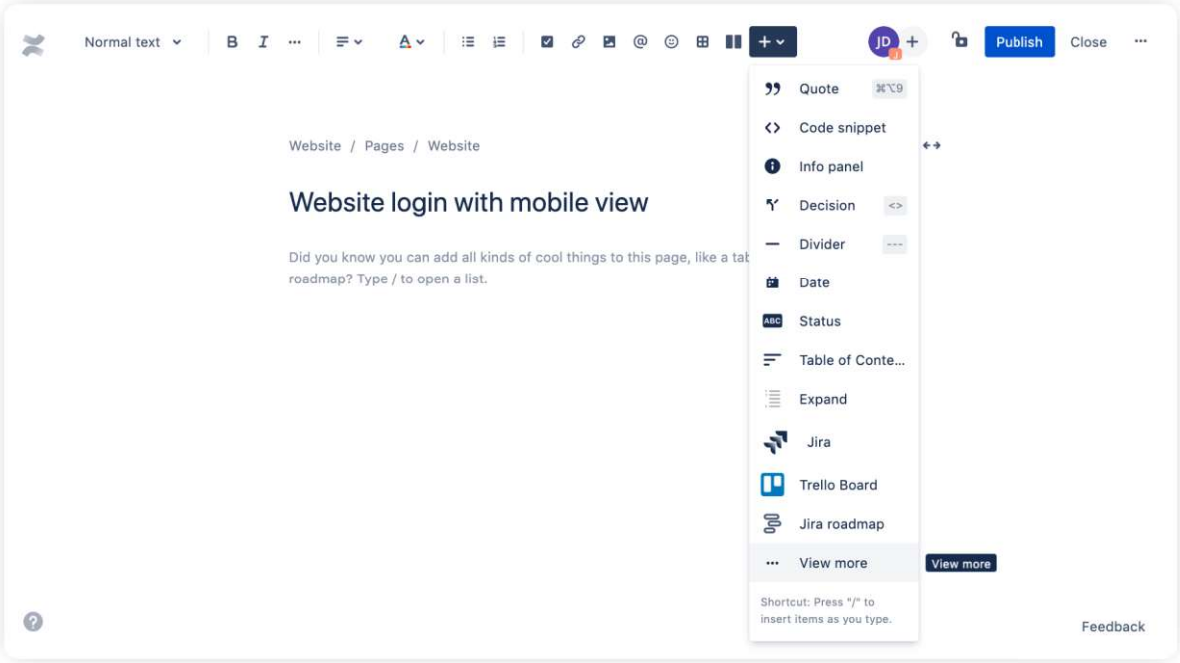
Step 1: Install WireframePro add-on for Confluence

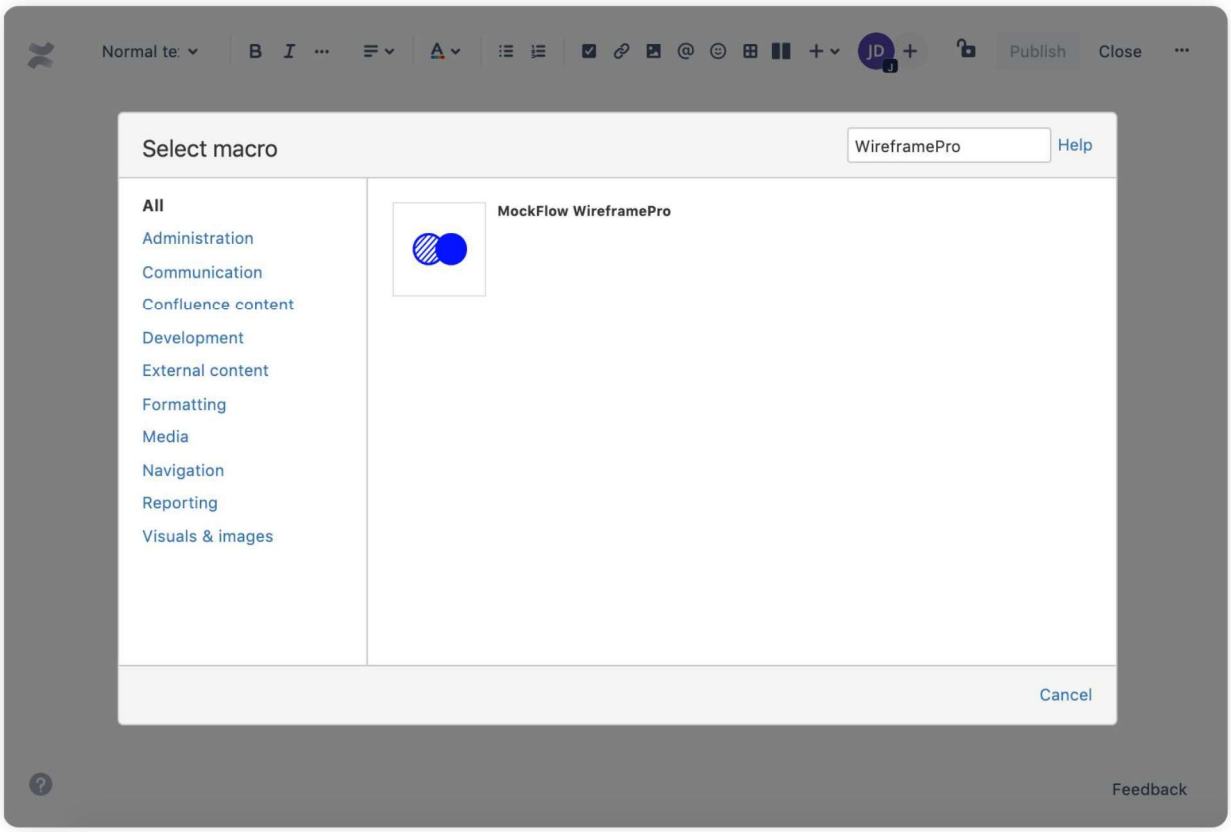
Click on the above 'Install to Confluence' button to install WireframePro add-on to your Confluence instance from Atlassian Marketplace. After installation, start free 30-day trial of WireframePro add-on for your team.



Step 2: Open any page created in Confluence to attach wireframes

After installation, click on 'Insert more content' button. This section contain the option, to open WireframePro within Confluence.

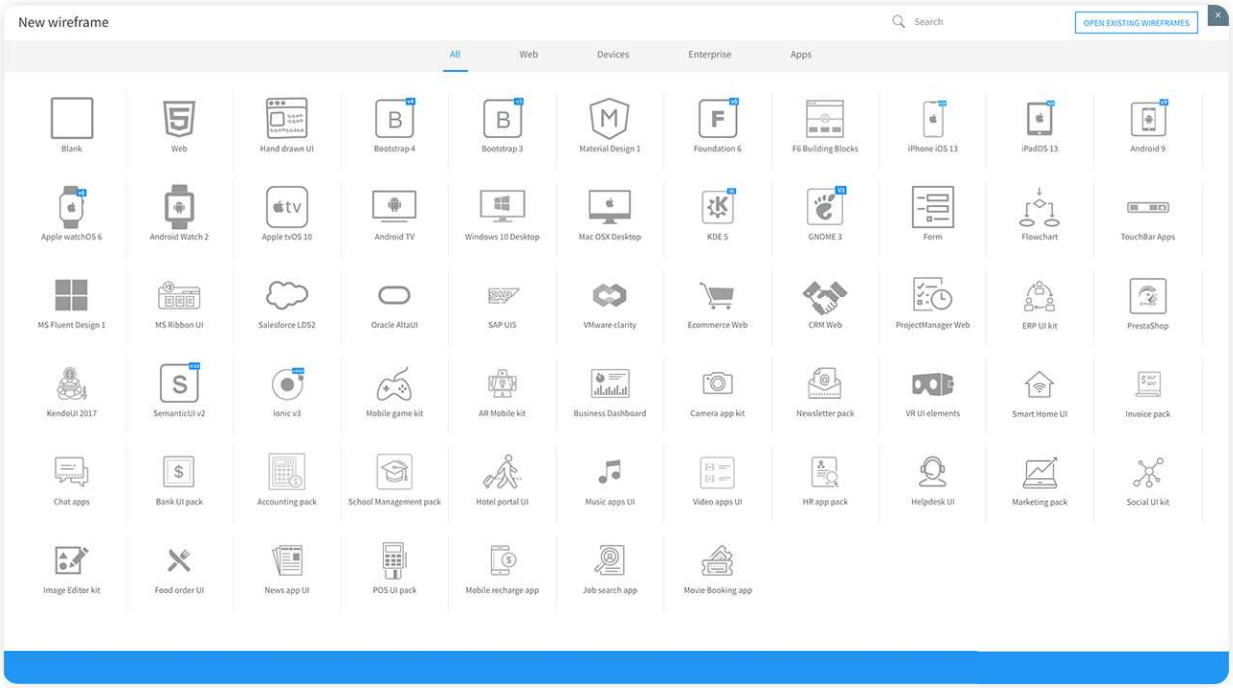




Step 3: Open editor to draw wireframe

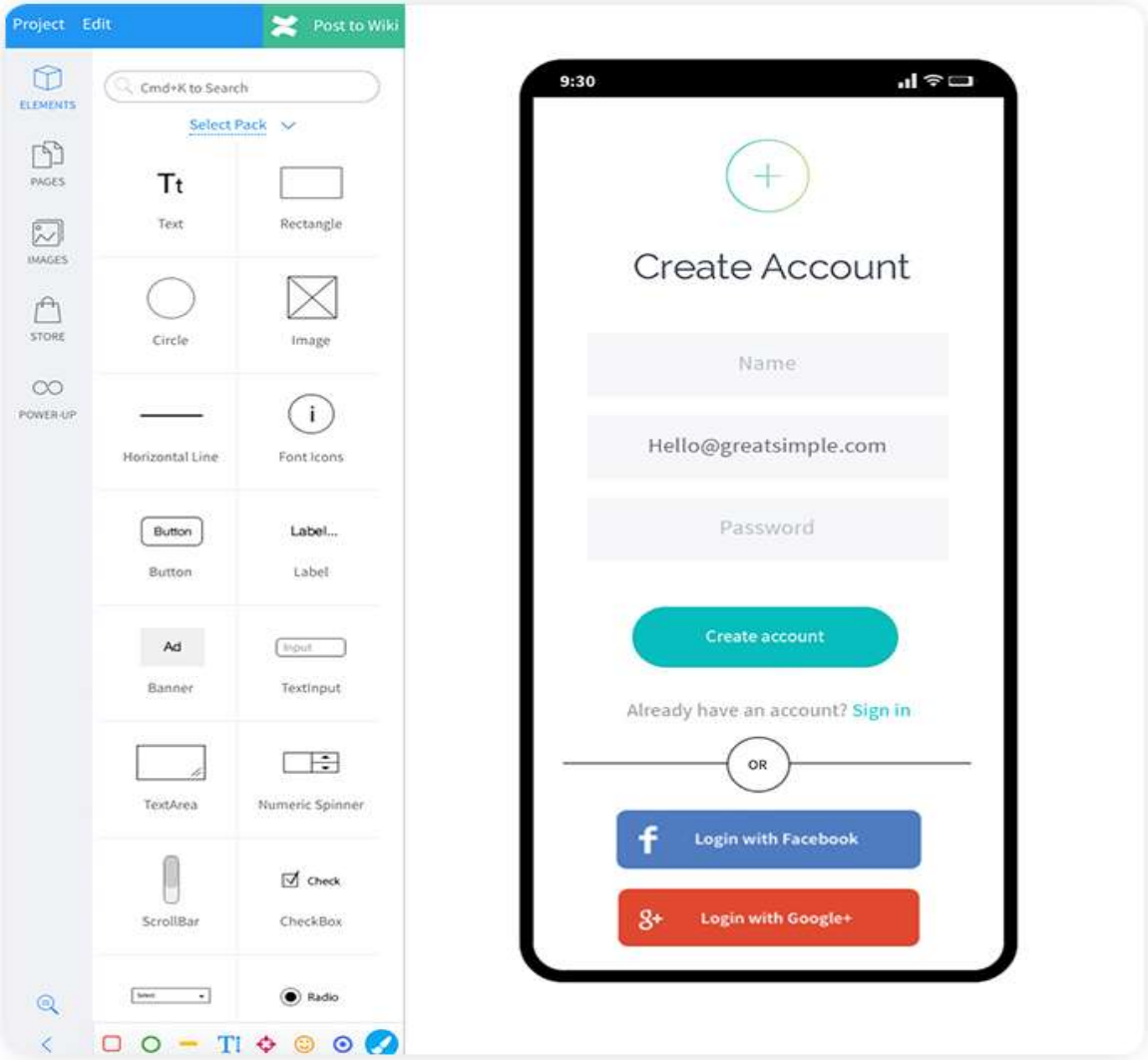
On clicking the "MockFlow WireframePro" app, it opens the editor within Confluence.

In the editor, select the type of UI you want to draw. WireframePro provides components for a wide range of UI types such as iOS, Android, Web, Bootstrap, Material, WatchOS, Windows, MacOS etc... or select from your existing wireframe projects already created by your team.



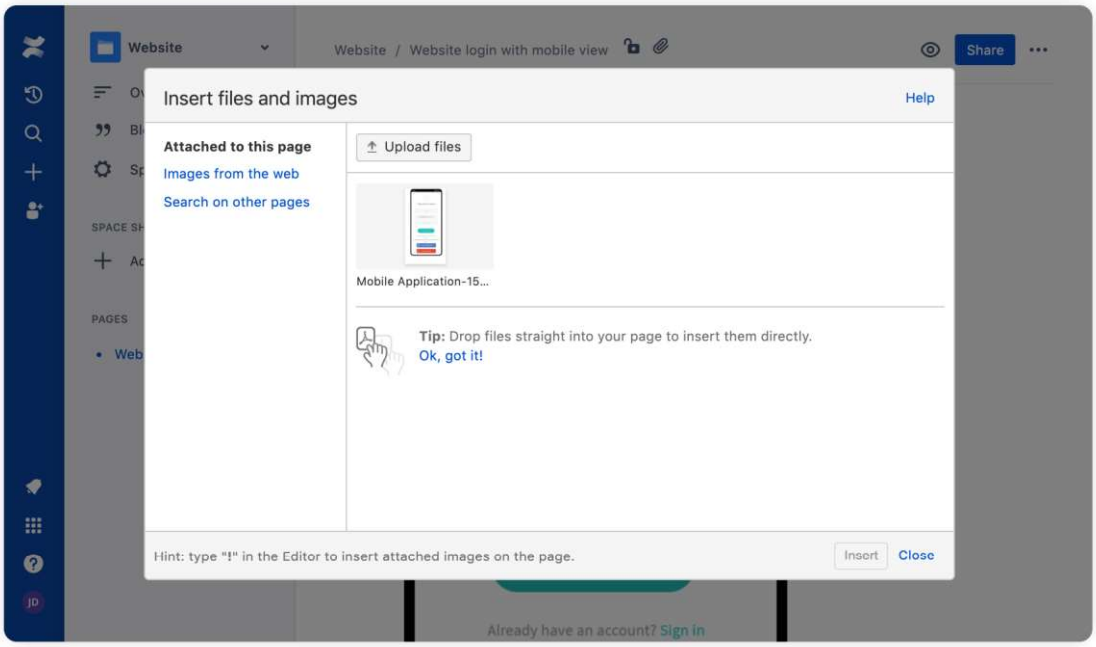
Step 4: Attach drawn wireframe image to your Confluence Page

After drawing the wireframe, you can directly attach the wireframe in image format to the current Confluence page by clicking 'Post to wiki' button.

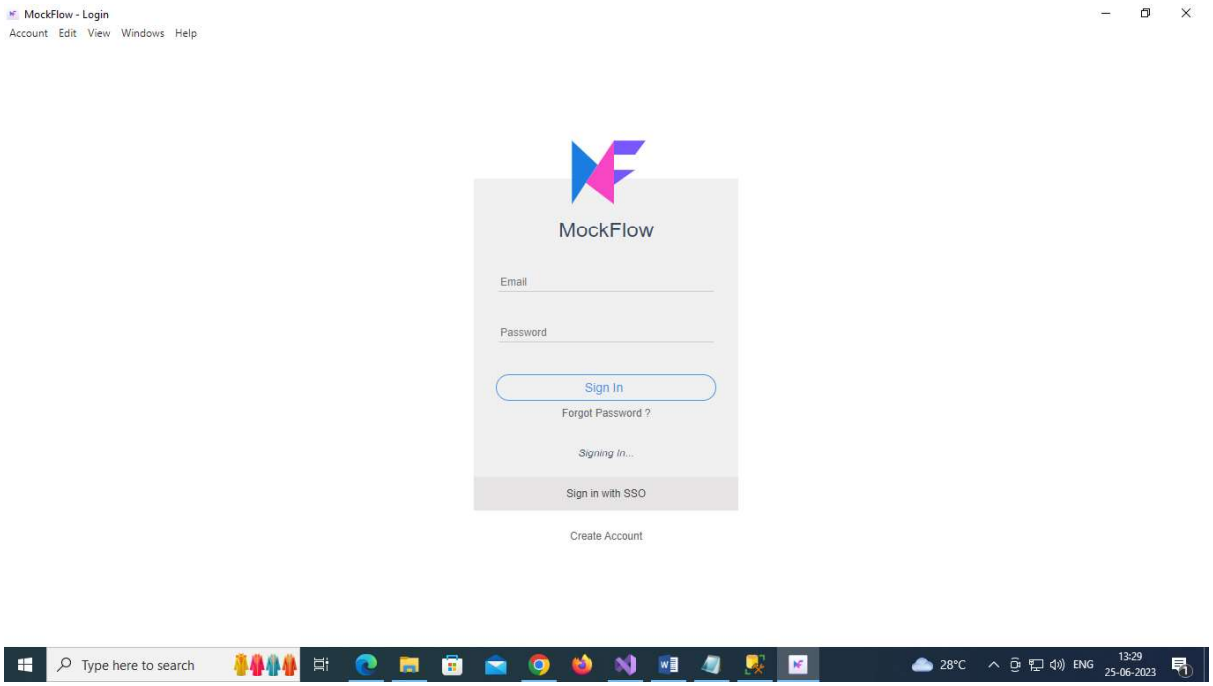


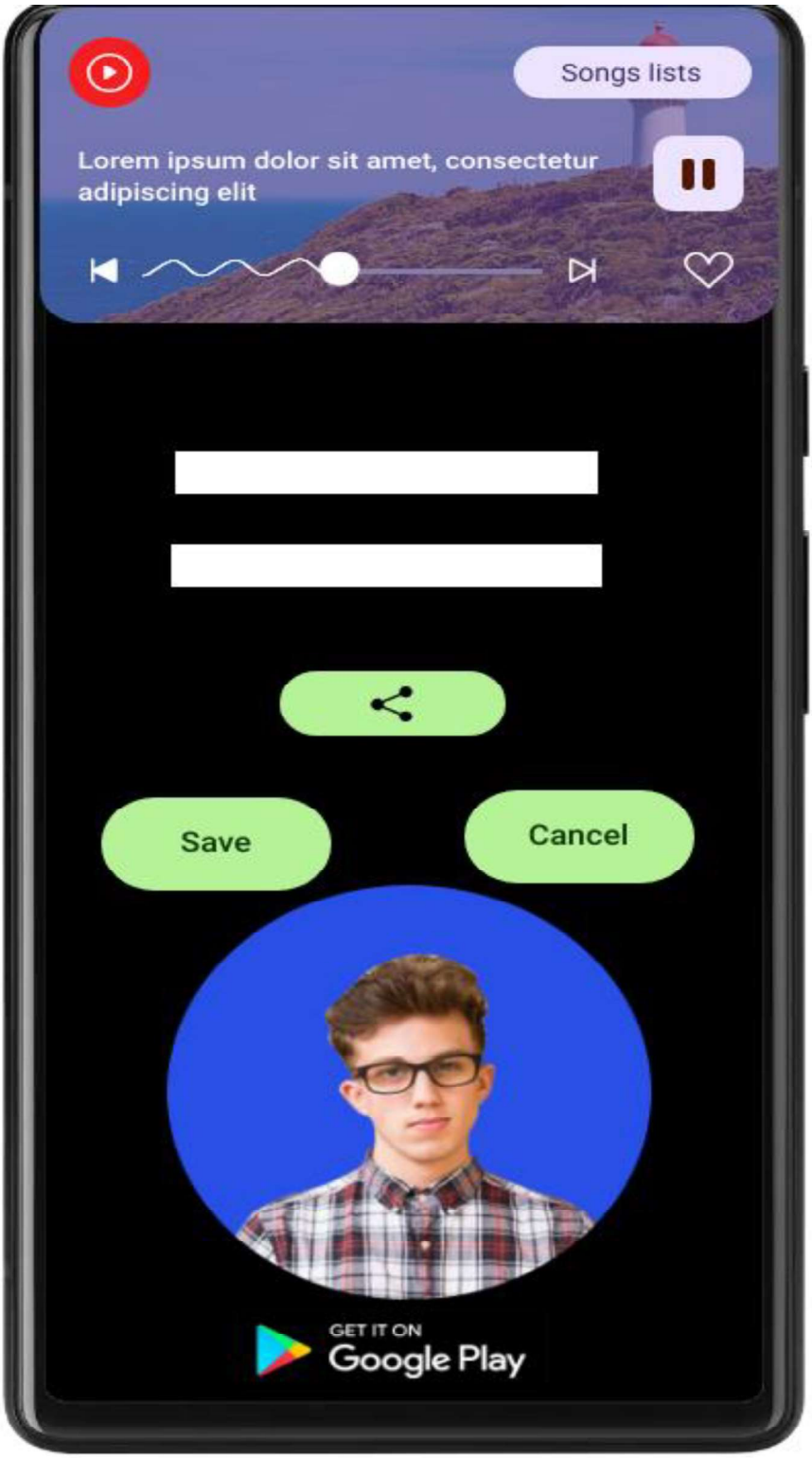
Note: List of uploaded wireframe images

The uploaded wireframe images will also be available in 'Insert files and images' section, which can be accessed for further usages.


Website
Website / Website login with mobile view
Share
Insert files and images
Help
Attached to this page
Images from the web
Search on other pages
Upload files
Mobile Application-15...
Tip: Drop files straight into your page to insert them directly.
Ok, got it!
Hint: type "!" in the Editor to insert attached images on the page.
Insert
Close
Already have an account? Sign in

MOCKFLOW WIREFRAME PRO

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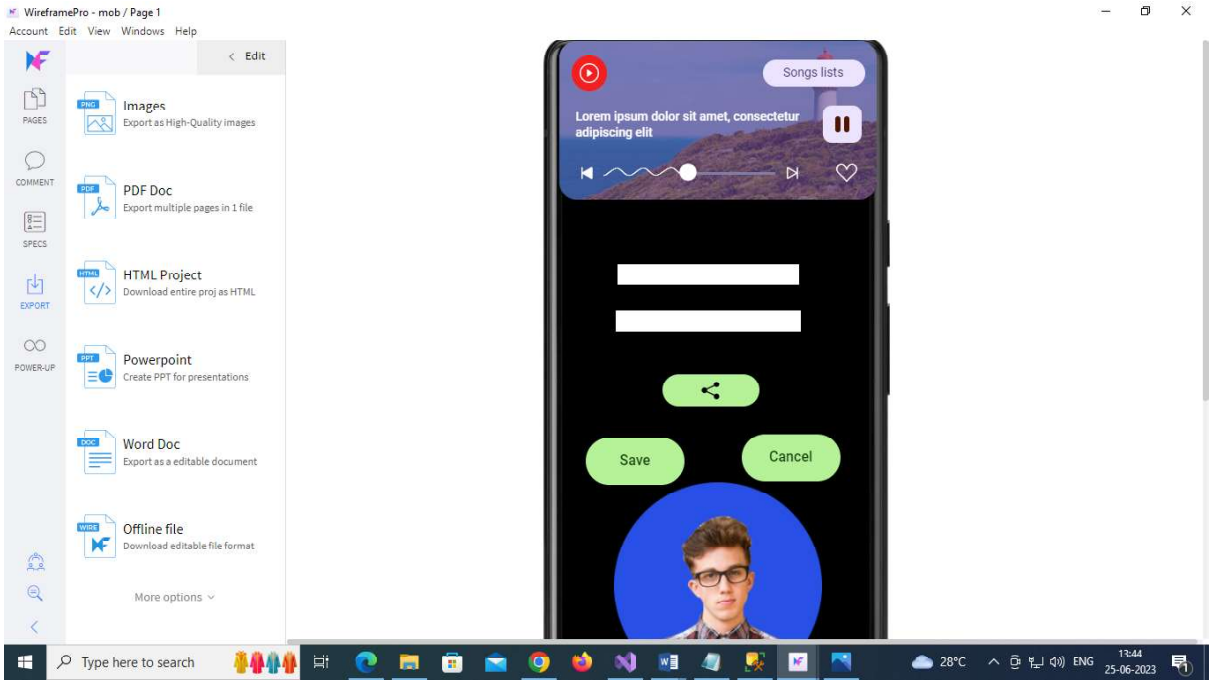
Cancel
GET IT ON
Google Play


WireframePro - mob / Page 1
Account Edit View Windows Help
Edit
PAGES
COMMENT
SPECS
EXPORT
POWER-UP
Images
Export as High-Quality images
PDF Doc
Export multiple pages in 1 file
HTML Project
Download entire proj as HTML
Powerpoint
Create PPT for presentations
Word Doc
Export as a editable document
Offline file
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More options
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