

IT2010 – Mobile Application Development

Wireframes

A wireframe is a schematic or blueprint that is useful for helping programmers and designers think and communicate about the structure of the software or website they are building.

Wireframes provide a clear overview of the page structure, layout, information architecture, user flow, functionality, and intended behaviors.

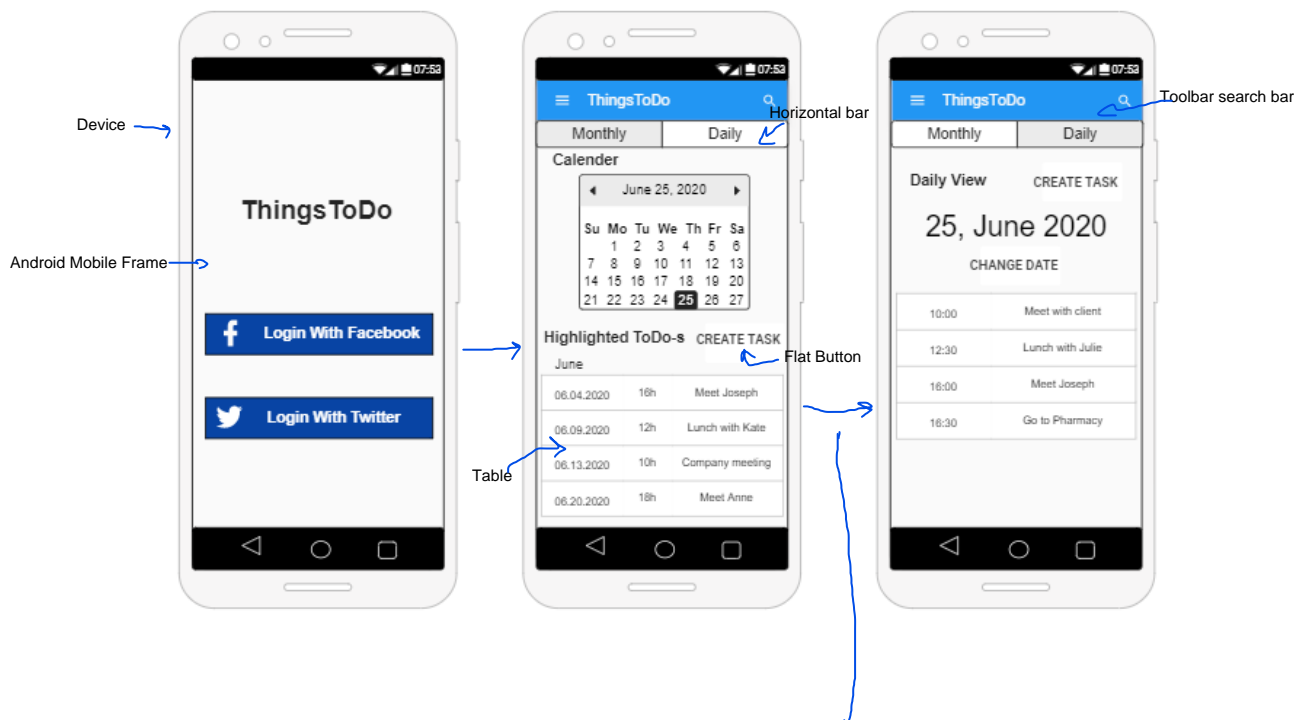
As a wireframe usually represents the initial product concept, styling, color, and graphics are kept to a minimum. Wireframes can be drawn by hand or created digitally, depending on how much detail is required.

Wireframing is a practice most commonly used by UX designers. This process allows all stakeholders to agree on where the information will be placed before the developers build the interface out with code.

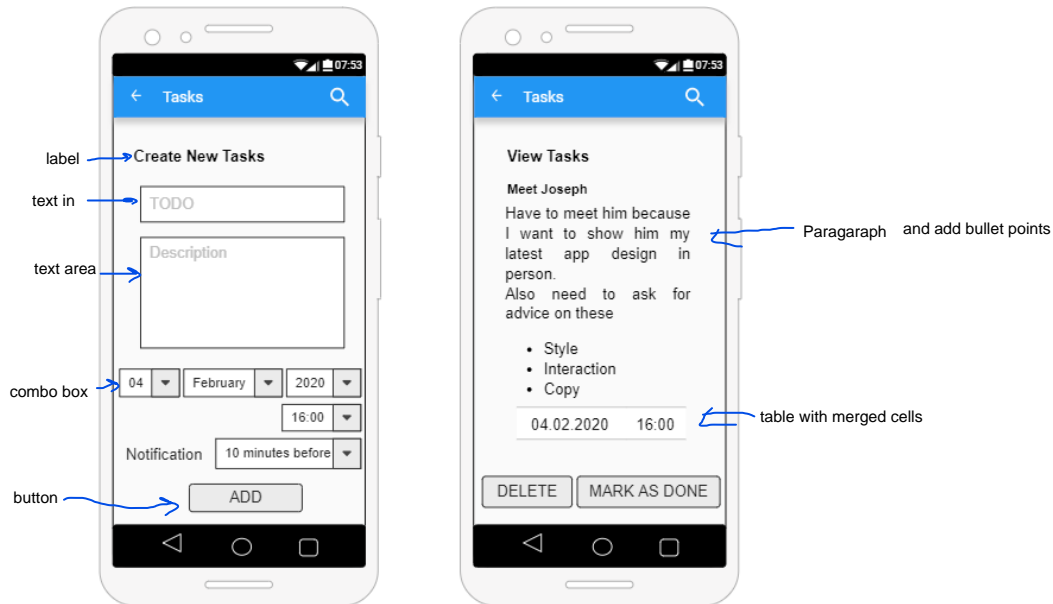
Let's try a ToDo App with moqups

Use the following online application URL to create your wireframes

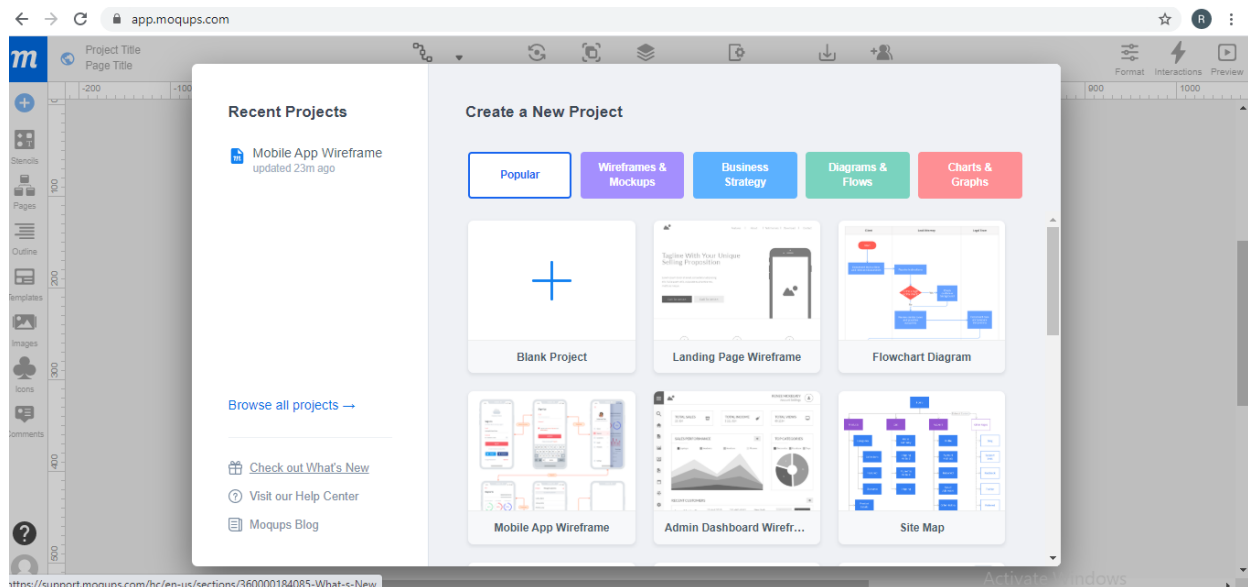
<https://app.moqups.com/>



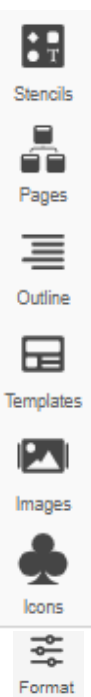
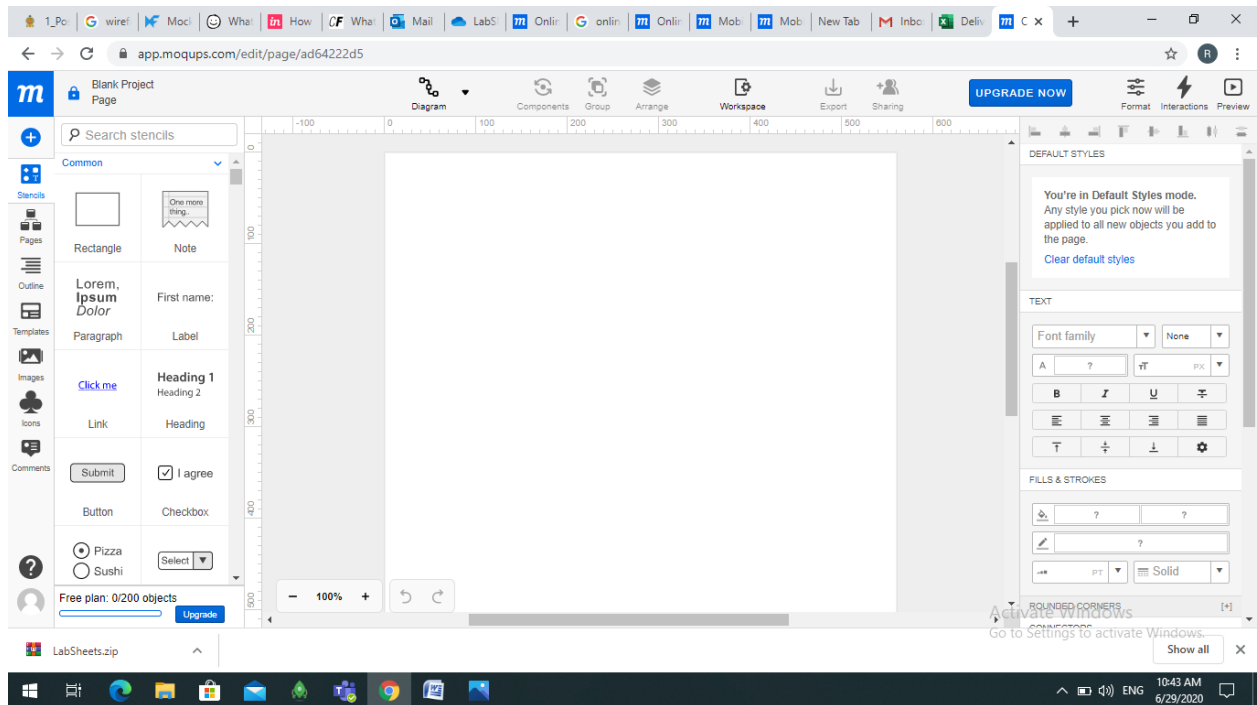
To create interconnection among screen double click on the first device and click on the appeared arrow



Go to <https://app.moqups.com/> page, you will be asked to create a new project.



Select Blank project.



Stencils- Drag and drop elements quickly and easily from a comprehensive library of widgets and smart shapes.

Pages- Handle projects of any size or complexity with powerful Page Management tools

Outline- Shows the hierarchy of elements being grouped and ordered. Helps in selecting multiple elements at once and applying changes or deleting.

Templates- Allows to create templates of our own or use inbuilt templates.

Images- Can drag and drop images from desktop or apps, Upload ready-made designs, and quickly convert them into interactive prototypes.

Icons- Built in library with a large amount of icons.

Format panel- All objects, including Images, are styled and customized in the Format Panel and share many of the same formatting controls.

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Let's get started.

- 1) Pages → New Page

You can name the page as **ToDo Mobile App**

- 2) Drag and drop a mobile device from the stencils onto the workspace.

Stencils → Devices

- 3) If you have picked an android device, simply drag and drop the Android Mobile Frame on the device.

Stencils → Material Design → Android Mobile Frame

If it's an ios device, you can create your own frame and save as a template so that it can be used for other pages as well.

The frame can be adjusted if you need rounded corners


Format panel → Rounded Corners → Change the value of each corner

- 4) Add Label " Things To Do" and add the buttons for Facebook and Twitter Logins



In order to create the above button, you can simply add a button or a rectangle and label and then add the icon by searching.

Finally group them

Select the rectangle+ label+ icon → Select **Group** from  toolbar

Selection of multiple objects for grouping can be done with Ctrl in the outline.

- 5) Repeat the same for Twitter login button as well.

- 6) Next interface , Monthly ToDo-s

Add a Toolbar at top and then a horizontal menu bar below.

In the horizontal menu bar values by double clicking on the object as below.

***Monthly, Daily** – * means that user is in the Monthly tag . When using it for the next interface you can use it with Daily

- 7) Next add a calendar and the required labels.

- 8) CREATE TASK is a Material normal flat button.

- 9) To Display the ToDo-s you can use a table with 3 columns and format as per the given interface.

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- 10) Daily interface is similar to the monthly interface.
- 11) Let's create the Add Task interface.
- 12) Initially Material toolbar Search Bar at top should be used.
- 13) To enter task a Text input and a Text Area for description can be used.
- 14) Use Combo boxes for selecting the date and time.
- 15) Finally add the button.
- 16) Finally, create the View task interface.
- 17) Headings can be used for topic and task , Paragraph to display the description.
- 18) Add buttons for Delete and Mark As Done
- 19) Finally, you can use connectors to show the flow of activities. Use your own formatting styles as per the needs.