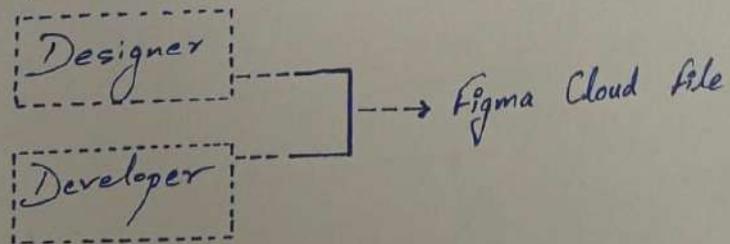


1. What is figma? Explain its key features and why it is widely used in modern UI/UX design.

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- figma is a cloud-based UI/UX designing tool used to design websites, mobile apps, and software interfaces.
 - It works directly in the browser, so no heavy installation is required.
 - figma allows designers to create layouts, icons, buttons and full app screens easily.
 - One major advantage of figma is real-time collaboration, where multiple users can work on the same file together. Designers and developers can share feedback using comments. figma also supports prototyping and developer handoff. Due to its speed, collaboration, and accessibility, figma is widely used in modern UI/UX design.

* A simple diagram :-



2. Differentiate between Designing and Prototyping in figma.

→ Designing in figma focuses on the visual appearance of an interface, such as colors, fonts, icons and layout. It shows how the app or website will look.

Whereas;

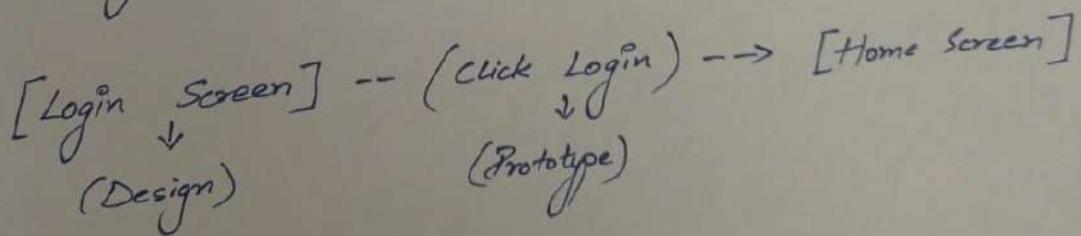
→ Prototyping focuses on user interaction and navigation between the screens. It shows how buttons, links and navigation between screens are connected.

• for example :- Designing creates a login screen layout, while Prototyping connects the login button to the home screen.

→ Designing is static, whereas Prototyping is interactive.

→ Prototyping helps test user experience before development.

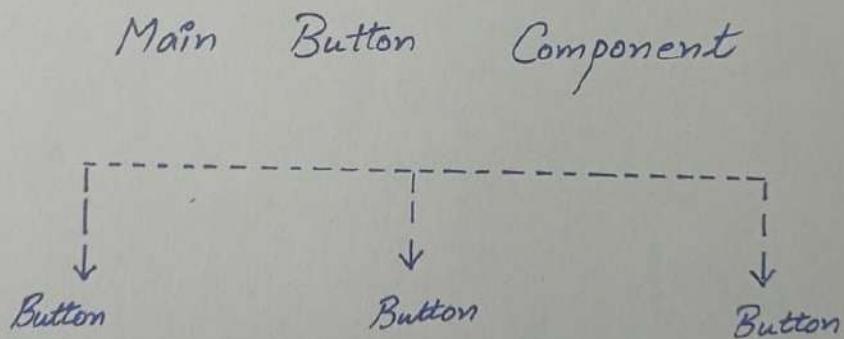
Diagram :-



3. What are Components and Styles in figma?

- Components in figma are reusable UI elements like buttons, cards, or headers that can be used multiple times.
- When the main component is changed, all instances update automatically. Styles are pre-defined settings for colors, text and effects, such as primary color or heading font style.
- Components and styles help maintain design consistency across the entire project.
- They save time by avoiding repetitive work. In large projects, they ensure uniform design, and this makes teamwork easier and designs more professional.

* Diagram —



4. Explain Auto-layout in figma.

- Auto-layout is a figma feature that helps designs adjust automatically when content size or screen size changes. It keeps proper spacing, alignment, and padding between elements. When text inside a button increases, the button resizes automatically.
- Auto-layout is very useful for creating responsive designs for mobile, tablet, and desktop screens.
- It reduces manual resizing work. Developers prefer Auto-layout because it behaves like real UI elements, and this makes designs flexible and scalable.

5. Describe the complete developer handoff process in figma

- The developer handoff process in figma ensures smooth communication between designers and developers. First, designers share the figma file with developers using view or developer access through a link. Developers can open the file in the browser and inspect each UI element. Using the Inspect panel, developers can check measurements, colors, fonts and spacing. Designers make icons and images exportable, allowing developers to download assets in formats like PNG, SVG, or JPEG. figma also automatically generates code snippets such as CSS for web, XML for android, and Swift for iOS. This complete process reduces misunderstandings and speeds up development.

Diagram:-

