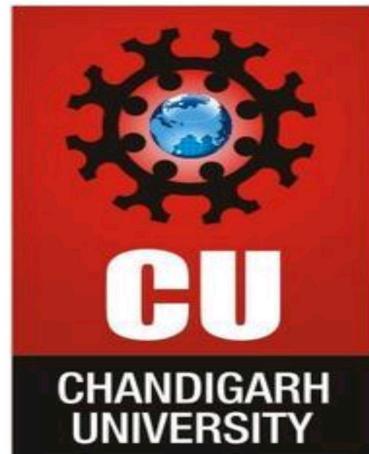


Assignment

Front End Technologies

Subject Code: 25CAH-655



Submitted By:

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SUBJECT: FRONT-END

Ans(01)-

Figma is a cloud-based UI/UX design tool used to design websites and mobile apps. It works directly in the browser, so no installation is required.

In Figma multiple designers can work together in real time, like Google Docs. It supports designing, prototyping and developer handoff in one place.

Key features of Figma include frames, components, auto-layout and prototypes. It is widely used in modern UI/UX design because of easy collaboration and speed.

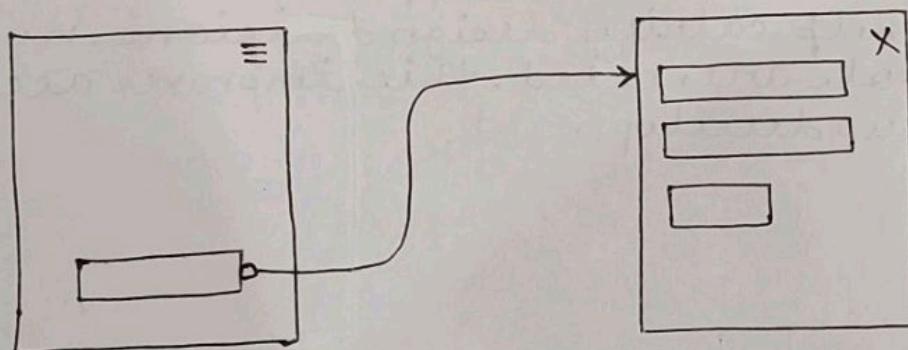
Ans(02)-

Designing focuses on How the UI looks - colors, text, icons and layout.

Prototyping focuses on How the UI works - clicks, navigation and flow.

Designing is static, while prototyping is interactive.

Ex. In a login screen, designing creates input boxes and buttons, while prototyping links the login button to the home screen.



Ans(03)-

Components are reusable UI elements like buttons or cards. If the main component is changed, all copies update automatically.

Styles store colors, fonts and text settings centrally. They help maintain visual consistency across screens.

In large projects, this saves a lot of time. Designing systems become easy to manage and scale.

Ans(04)-

Auto-layout automatically adjusts spacing and size of elements. It works like flexbox in CSS. When text or screen size changes, layout adapts itself. It helps create responsive designs for mobile, tablet and desktop.

Buttons grow with text, lists expand naturally. Designs remain clean and aligned. This reduces redesign work for different screen sizes.

Ans(05)-

Designs are shared with developers using a view-only link. Developers inspect spacing, colors and fonts directly in Figma.

Assets like icons and images are exported easily. CSS, iOS and Android code snippets are auto-generated. Comments help clarify design decisions. No extra handoff tools are needed. This improves accuracy and speeds up development.