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Experiment 2

Theory

Q1) Bootstrap grid system

Ans1) This is a powerful and flexible layout system based on a 12 column structure. It allows developer to create responsive and adaptive web design by dividing a web-page into multiple columns that adjusts automatically depending on the screen size.

Q2) Bootstrap .container and .container fluid class.

Ans2) .container class : This class creates a fixed width container that adjusts based on breakpoints. It maintains consistent margins.

.container-fluid class - This class creates a full width container that spans the entire width of the viewport.

FAQ

Q1) What is a responsive website?

Ans1) $ It is a website that automatically adapts its layout, content and design to fit different screen sizes and devices. This ensures a better user experience without requiring separate versions of different devices.

Q2) How does Bootstrap help to design a responsive website?

Ans2) It provides:

→ GridSystem: Divides the page into a flexible 12-column layout, making it easy to design adaptive interfaces.

→ BreakPoints & Media Queries: Ensures element adjusts dynamically based on screen size.

→ Predefined CSS class

→ Responsive Components

→ Utility classes.