



Program. Multiplatform Software Development

Group. 4°D

Student. Lara López Josue Isaac

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Professor. Ray Brunett Parra Galaviz

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MOBILE DESIGN PATTERNS.

Mobile design patterns are standardized solutions to common design challenges in mobile applications. They enhance usability and provide consistent user experiences across different apps.

Common Mobile Design Patterns:

1. **Tab Bar:** A navigation tool typically located at the bottom of the screen, allowing users to switch between different sections of an app. Each tab represents a distinct section, and tapping it displays the corresponding view.
2. **List View:** Displays data in a single-column, scrollable list, ideal for presenting homogeneous data types like messages or contacts.
3. **Grid View:** Presents items in a multi-column grid, suitable for visual content like photo galleries or product listings.
4. **Navigation Drawer:** A hidden side panel that slides in, providing access to app sections or settings, conserving screen space.
5. **Cards:** Encapsulate information into distinct containers, making content easily scannable and aesthetically pleasing.
6. **Accordion:** A vertically stacked list of items that can expand or collapse to reveal or hide content, useful for managing large amounts of information in a limited space.

Benefits of Using Design Patterns:

- **Consistency:** Ensures uniformity across different parts of the app and with other applications, enhancing user familiarity.
- **Efficiency:** Speeds up the design process by providing proven solutions, reducing the need to solve common problems from scratch.
- **Usability:** Improves user experience by implementing intuitive and user-friendly interfaces.

Resources for Mobile Design Patterns:

- **Mobbin:** Offers a vast library of mobile and web app screenshots for design inspiration.
- **UIPatterns.io:** Provides interactive UI design patterns to help solve common interface challenges.
- **Dribbble's Mobile Patterns:** Features a collection of mobile design inspirations from designers worldwide.