

Assignment 1 - Mobile App Development

Paper Code: FSD-437T

1. Explain the importance of mobile app development in the digital era.
2. What are the key differences between Android and iOS mobile platforms?
3. What are the major mobile app development tools and environments?
4. Discuss the role of programming languages in mobile app development.
5. Explain how to design for multiple screen sizes and resolutions in mobile apps.
6. What are the main features of Android Studio?
7. Discuss the user interaction and navigation design in mobile apps.
8. What are the major challenges faced during mobile app interface design?
9. Explain the concept of cross-platform app development.
10. What are the best practices for mobile app security?

Assignment 2 - Mobile App Development

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1. Define mobile app architecture and describe its components.
2. How does backend integration affect mobile app performance?
3. What is the role of API consumption in mobile app development?
4. Explain the importance of data storage and synchronization in mobile apps.
5. How are location-based services implemented in mobile apps?
6. Discuss various mobile app data storage techniques.
7. Describe the process of submitting an app to the Google Play Store.
8. What are the essential steps for app deployment in iOS?
9. How can performance optimization enhance mobile app efficiency?
10. What are the future trends in mobile app development?