Android Development

Course Syllabus

Course Description:

Learn how to build Android apps from scratch. This course covers everything from basic Android concepts to advanc

Course Details:

Duration: 3 hours

Category: Mobile Development

Course Objectives:

1. Understand Android development fundamentals

2. Master Android Studio and development tools

3. Create responsive and user-friendly Android apps

4. Implement data storage and networking

5. Publish apps to the Google Play Store

Course Outline:

Module 1: Android Basics

- Android platform overview

- Setting up Android Studio

- Creating your first app

Module 2: UI Development

- Layouts and views

- User interface components

- Material Design principles

Module 3: Advanced Topics

- Data persistence

- Networking and APIs

- App publishing

Prerequisites:

- Basic Java programming knowledge

- Understanding of object-oriented programming

- Familiarity with XML

Assessment Methods: