



SYLLABUS FOR REACT NATIVE DEVELOPMENT COURSE

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- A large, semi-transparent watermark of the React Native logo is positioned vertically along the left side of the page. The logo consists of the word "React" in white, with each letter partially enclosed by a white circle, and "Native" in a smaller font below it.
- 01 Introduction to React Native
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INTRODUCTION TO REACT NATIVE

- Introduction to React Native
- Setting up the development environment
- Creating your first React Native app
- Understanding JavaScript ES6 for React Native

REACT NATIVE FUNDAMENTALS

- Components and JSX
- Styling in React Native
- State management with hooks
- React Navigation for app navigation



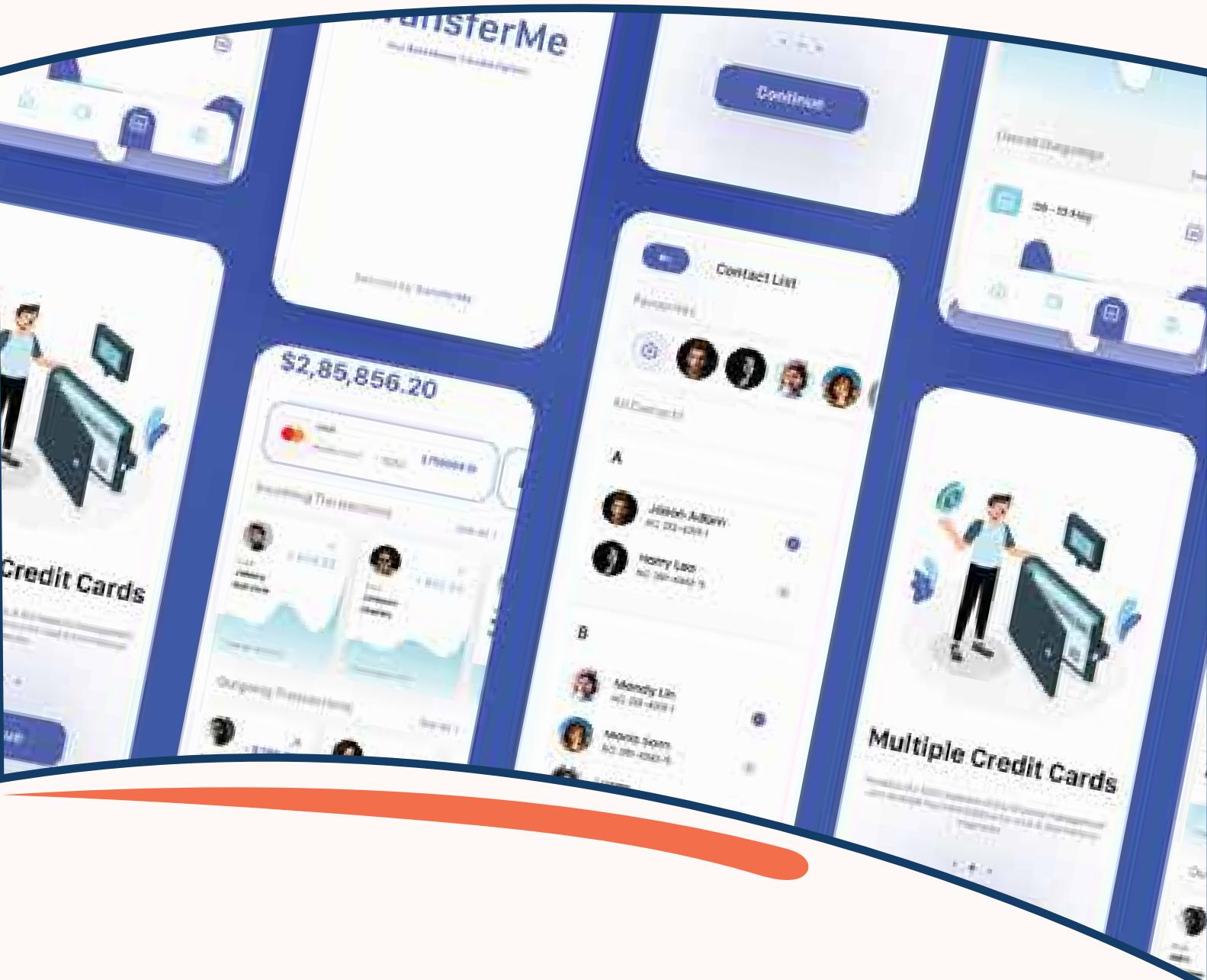
UI DESIGN IN REACT NATIVE

- Design principles and best practices
- Using Flexbox for layout
- Creating custom components
- Working with icons and images



NAVIGATION AND ROUTING

- Navigation options in React Native
- Stack and tab navigation
- Routing and deep linking
- Navigation best practices



DATA MANAGEMENT AND APIs

- Fetching data from APIs
- Managing app state with Redux or Context API
- AsyncStorage for local data storage
- Integrating third-party libraries

ADVANCED TOPICS

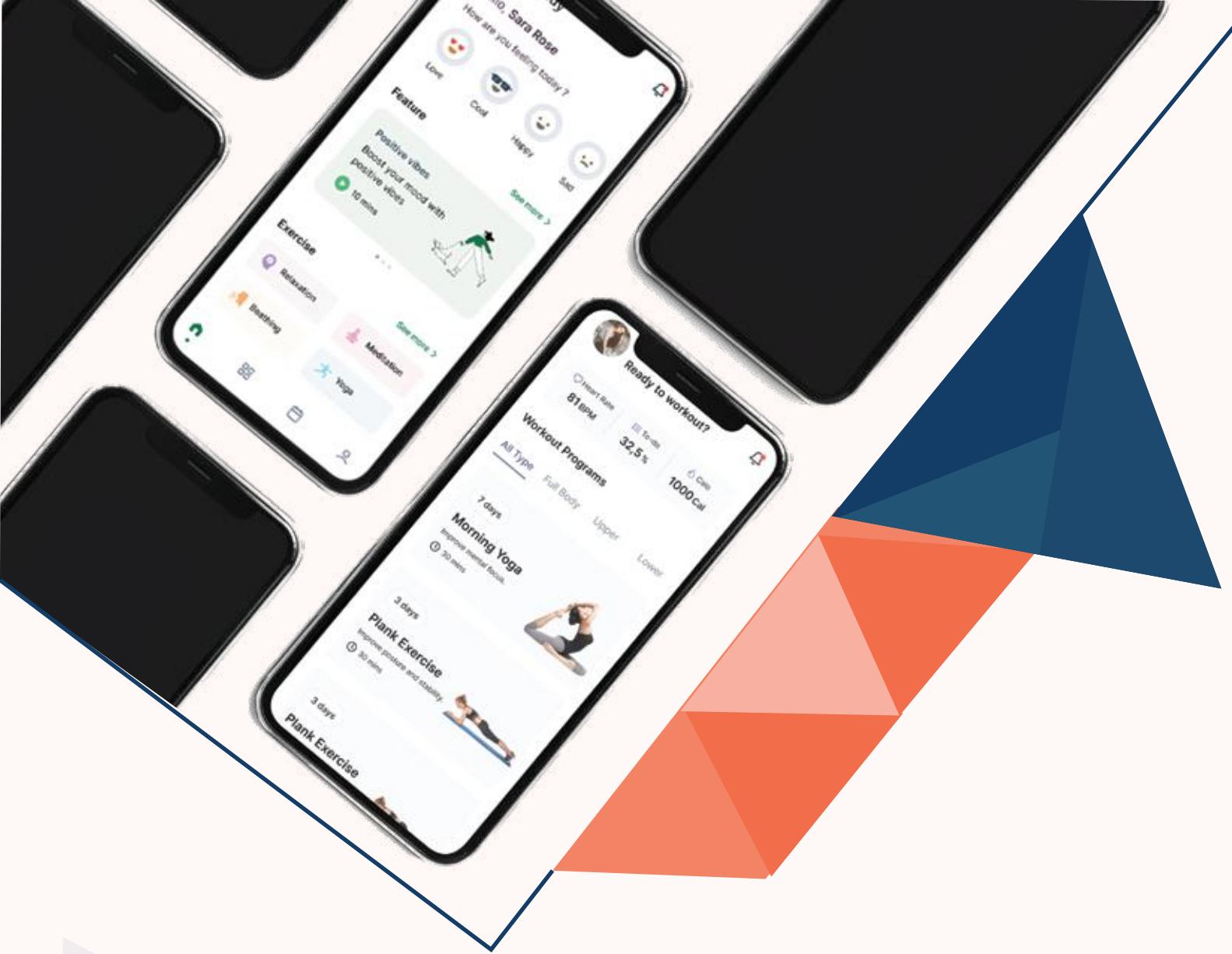
- Animation and gestures
- Debugging and error handling
- Performance optimization
- Internationalization and localization



DEPLOYMENT AND PUBLISHING

- Preparing your app for release
- Building and signing your app
- Deploying to Google Play Store and Apple App Store
- App maintenance and updates





REAL-WORLD PROJECTS

- Working on practical projects to apply learned concepts
- Collaborative development and code reviews
- Project presentations and demonstrations



TESTING AND DEBUGGING IN REACT NATIVE

- Writing unit and integration tests for React Native apps
- Debugging techniques and tools
- Profiling and performance analysis
- Handling common debugging scenarios



CAPSTONE PROJECT

- A larger, independent project to showcase your skills
- Designing and building a complete React Native app
- Project documentation and presentation