

Mobile Programming

Introduction

Lecturer's Information

- Lương Trần Hy Hiến – HIENLTH
- Master of Computer Science, VNUHCM-UIT
- Senior Software Engineering at DEK Technologies VietNam

Mobile Programming Agenda

- Introduction to Mobile Programming
- React Native Fundamentals
- React Native Core Components
- React Native Styling
- React Native Lifecycle, Props, State Management
- React Native Navigation, Flatlist, ScrollView
- Fetching API, Network
- Storage, Realm database
- Connect to Firebase and handle authentication
- Learn by App examples

Some books & resources

- [I]. Masiello, Eric, Friedmann, Jacob (2017). Mastering React Native. Packt publishing Ltd.
- [II]. Learn React Native: <https://riptutorial.com/Download/react-native.pdf>
- [III]. React Native Notes for Professionals, <https://books.goalkicker.com/ReactNativeBook>

Some online courses need to learn

- <https://www.codecademy.com/learn/learn-react-native>
- <https://www.pluralsight.com/courses/react-native-get-started>

Assessment components

- Continuous assessment (20%) - Personal
 - Student's attendance and participation grades
 - Case study lab
 - Quiz
 - Homework
- Mid-term assessment (30%) – Group
 - Mockup/prototype/wireframe app (Figma)
 - Design UI with basic behaviour (react native)
- Final assessment (50%) – Group
 - Final app version with full features.
 - Oral Presentation (demo features)
 - Report

*Thank
you!*