Rapid Mobile Application Development Program

Session 1

- Introduction to web and HTTP
- Introduction to client-server architecture
- Introduction web app development workflow
- HTML5
    - Basic HTML elements and attributes
    - Semantic elements
    - Media elements
    - CSS3
    - Flow layout
    - Flex layout
    - Posisitiong
    - Media queries with introduction to responsive web designing
    - Introduction to animations and transitions

Session 2

- ECMAScript (JavaScript)
    - Introduction to programming
    - Variables, constants, literals and data types
    - Control flow statements
    - Expressions and operators
    - Functions
    - Introduction to OOP
    - Classes in ECMA6

Session 3

- Introduction to TailwindCSS for rapid web application development
- Introduction to SPAs and frameworks
- React JS
    - React Elements vs. React Components
    - Introduction to JSX
    - Props vs State
    - Handling Events
- Introduction to Firebase
- Introduction to React Router
- Firebase and ReactJs Integration
- Introduction to JavaScript built-in objects and the web api
- JSON
- Fetch API and Promises

Project 1 - Web application using React JS + Firebase

Session 4

- Introduction to cross platform mobile app development
- Hybrid vs. Native mobile apps
- Setup the workspace for mobile app development
- Introduction to react components (core vs. native)
- Mobile app designing with react native
- React Navigation
- Firebase Integration

Project 2 - Mobile application using React Native + Firebase

- **Starting date -** 16th of October
- **Course duration -** 04 Months
- **Class date -** Saturday
- **Class duration -** 06 Hours
- **Class mode -** Online course
- **One time payment -** LKR 32 000.00 - 20% Discount
- **Two times -** LKR 20 000.00 x 2 - LKR 40 000.00