SYIT / SYCS – App Development Using Flutter

Day 01: 23-12-2023 (Saturday)

- Introduction to Flutter
- History of Flutter
- Advantages & Disadvantages of Flutter
- Flutter Installation
- Creating your First Flutter App
- Running your Flutter App
- Making Changes & Modifications in Existing Code

Day 02: 06-01-2024 (Saturday)

- Introduction to Flutter (Repeated)
- Advantages & Disadvantages of Flutter (Repeated)
- Creating your First Flutter App
- Running your Flutter App
- Understanding the directory and file's structure
- Stateful & Stateless Widgets

Day 03: 13-01-2024 (Saturday)

- Widgets with Single Child & Children
- Types of Apps – Material, Cupertino & Widgets
- Writing your own code:
    - void main(), runApp()
    - Widgets Tree -> Widget & Properties
    - Row(), Column(), Text(), Image.network(), Container()
    - SingleChildScrollView
- Pub.dev (Explanation Pending)
- YoutubePlayerIframe (Explanation Pending)

Day 04: 03-02-2024 (Saturday)

- Revision of Past 03 Lectures
- Pub.dev (Explanation + Implementations)
- Scaffold & Drawer
- Container & Card
- Row & Column – mainAxis, crossAxis
- Text, TextStyle & TextField
- Buttons
- Images
- Toast & Snackbar

Day 05: 10-02-2024 (Saturday) -› (04 Hours)

- Navigation & Routing
- Firebase, Firebase Auth, DB, Hosting & Storage

Day 06: 17-02-2024 (Saturday)

- REST API Basics
- REST API Calling -› http package -› pub.dev
- JSON Model
- Fetch Data (Json Encode / Decode)
- ListView & GridView

Day 07: 24-02-2024 (Saturday)

- Building Netflix Clone (Backend + Frontend) – Part 01

Day 08: 24-02-2024 (Saturday)

- Building Netflix Clone (Backend + Frontend) – Part 02

Day 09: 02-09-2024 (Saturday)

- Git & Github
- Application Deployment