**FLUTTER TUTORIAL SESSIONS (1:30 – 3:00 p.m.)**

1. **What is flutter?**

* Flutter versus dart
  + Flutter = HTML
  + Dart = Javascript
    - Dart is object-oriented but its syntax is written in C
* Parts of an initial flutter project?
  + Main.dart
  + Pubspec.yaml
  + Android folder
  + iOS folder
* What are widgets?
  + Stateless Widgets
* “built” once
* Cannot change
* Example: buttons (you can change properties but not the value)
  + Stateful Widgets
* Dynamic
* Can be altered
* User interaction
* Assets
  + How do you place assets (fonts, images, etc.)
* What are all the other things you saw on my repository that you guys were not able to find initially in your project?

1. Views
2. Common
3. Controller
4. Model
5. Partials
6. **How does main.dart work?**

* Likened to the index.html – the first thing that flutter runs

1. **Reminder:**

import 'package:flutter/material.dart';

* Essentially how you can use widgets.
* If removed, error

1. **SizeConfig File for responsiveness**

* Just like web applications, mobile applications can also be responsive.
* Try turning on rotation for your phone while using a mobile application

1. **The pages that need to be done:**

* Splash Screen
* Sign-In Page
* Register Page
* Profile
* Chat list (where you can see list of people you’ve already contacted)
* Chat room
* For today, we’re going to be focusing on the first three. Extend if need be.

**AIM FOR TODAY:**

1. Introduce the basics of flutter
2. Be able to do the following pages:
   1. Splash Page
   2. Sign in
   3. Register
   4. Profile