**Flutter-Bytewise-Fellowship**

This repository contains all the assignments and exercises throughout my 3 months of Flutter fellowship at ByteWise. All the tasks are categorized based on weeks, and projects are further placed in their respective folders.

**About the Flutter Fellowship**

The Flutter Fellowship at ByteWise is a comprehensive program designed to provide hands-on experience to aspiring Flutter developers. The program consists of assignments and exercises covering various topics, including Flutter basics, state management, networking, and more. Fellows will have access to a mentor and will work on real-world projects throughout the program.

**Week 1:**

Onboarding - It was an orientation week where we got to know our instructor and had some chit chat

**Week 2:**

Rest API - Learned about RESTful APIs and how to consume data from them in our projects. Click Here to see the work

State Management - Explored different state management solutions in Flutter, such as setState, InheritedWidget, GetX, and Provider. Click Here to see the work

**Week 3:**

Firebase - Learned about Firebase and how to use it for real-time data synchronization, authentication, and cloud functions in Flutter. Click Here to see the work

**Week 4:**

Introduction to Widgets - Explored the basics of widgets in Flutter, how the app actually works, and learned how to create custom widgets using StatelessWidget and StatefulWidget. Click Here to see the work

**Week 5:**

Animations - Explored the basics of animation in Flutter and created an app that contained the animations with Getx as state management. Click Here to see the work

**Week 6:**

Advanced UI - Here, we explored the different types of layouts that are in Flutter with which we can make beautiful UI. Click Here to see the work

**Project 1:**

Voice Assistant With ChatGPT and DALL-E - Here, I created a simple app using voice assistant package and then showed the responses using ChatGPT API if he asked for an image, then generated a response from DALL-E API, Click Here to see the work

**Project 2:**

E-Commerce Project - This is a Flutter e-commerce project that allows users to browse and purchase products. The app includes features like user authentication, product listings, shopping cart functionality, and order placement. It is connected to Firebase for user management and data storage. Click Here to see the work