

Practices and Patterns

In the following pages, Fairway Enterprise Architecture team would be defining the best practices and patterns with fully implemented reference architectures, code snippets and series of articles. These recommendations are for the engineering team to use as a guideline in their business applications. The EA team would like to work with engineering teams on solutioning any key implementation that may be on the way.

Any application that is being built, irrespective of the programming language/framework must adhere to certain architectural standards and patterns. We will try to cover most of it in this series of articles with code samples in C# .NET 6 to begin with. Other languages and framework to be followed up. If you want to volunteer and work on writing samples in Node JS, and Java, you are welcome!

Current need of the organization is to have a reference architectures implemented in .NET 6 and C# for

- Micro service REST API
- Azure Functions

The code samples will implement a detailed reference architecture which can be picked by any team and focus on the business implementation they would want without worrying on the "Cross cutting functionalities", which will be part of the core framework implemented in the reference architecture.

Overview and Web API Sample

- [Few sample architectural implementations - Architecture - Engineering Services - Confluence \(atlassian.net\)](#)
- [REST API Micro service \(Work in Progress\) - Architecture - Engineering Services - Confluence \(atlassian.net\)](#)

Azure Functions

- [Azure Functions - Overview of features, road map - Architecture - Engineering Services - Confluence \(atlassian.net\)](#)
- [Azure Functions - Deep dive with reference architecture template - Architecture - Engineering Services - Confluence \(atlassian.net\)](#)