Defining the Architecture

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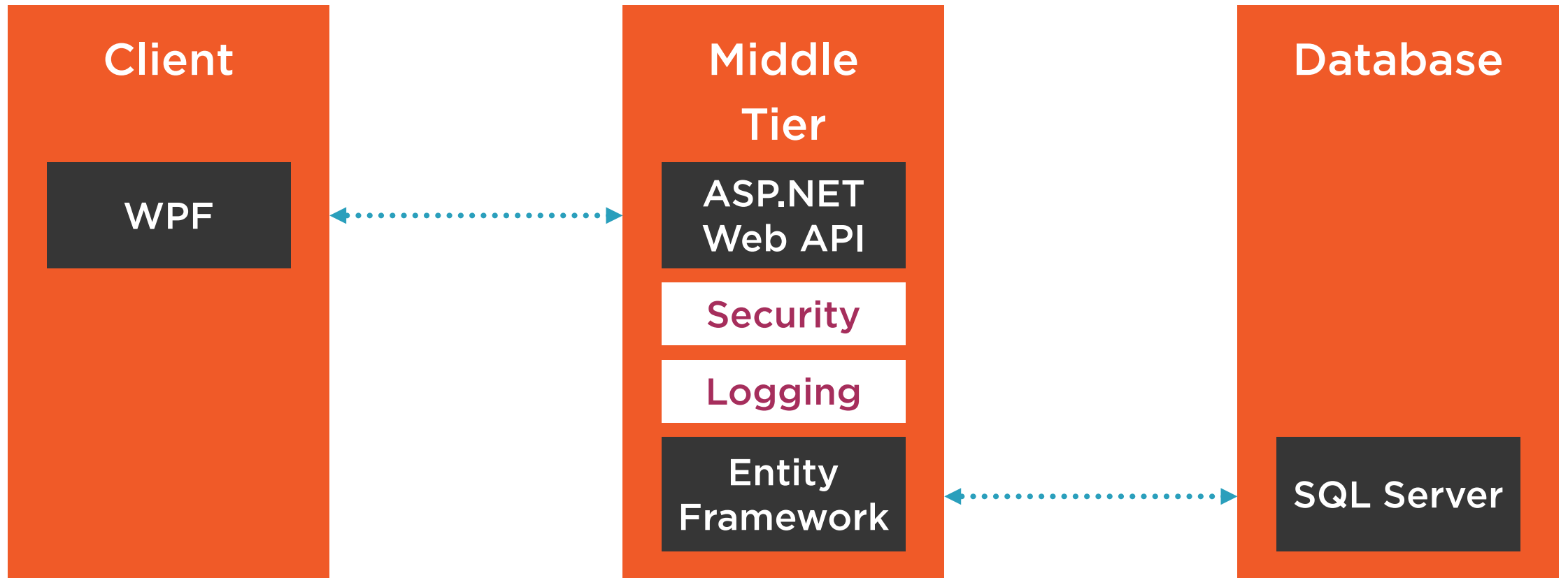# Module
Outline

About N-Tier and Client-server
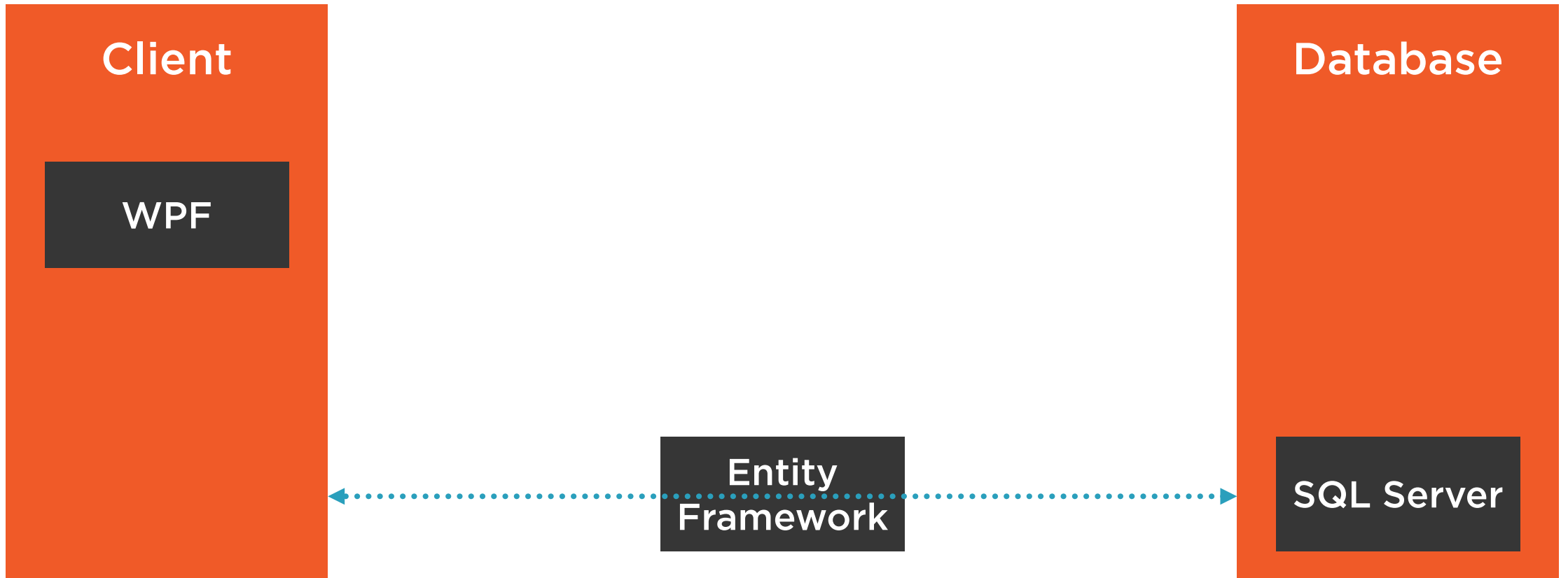
FriendOrganizer:
- Plan the client layers
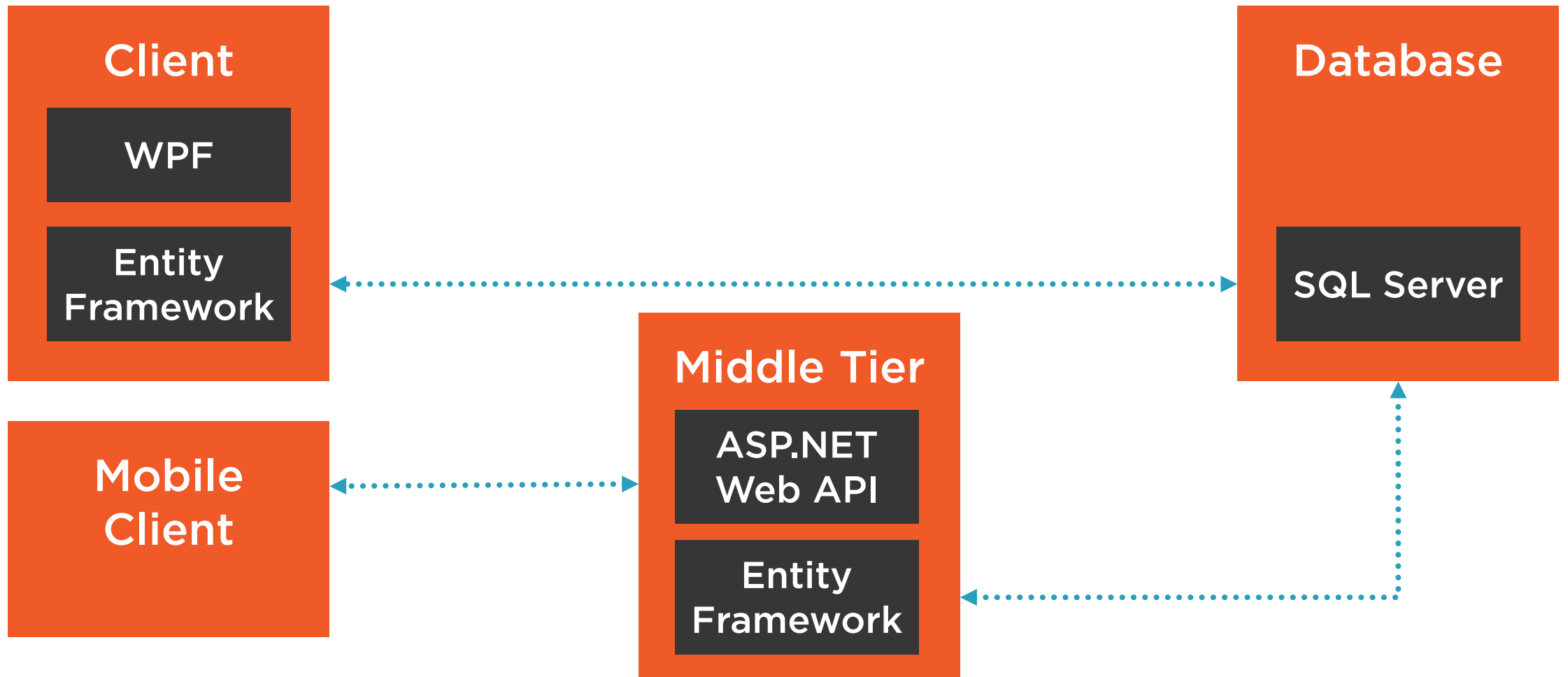- Set up the solution

About N-tier and Client-server

About N-tier and Client-server

Client

WPF
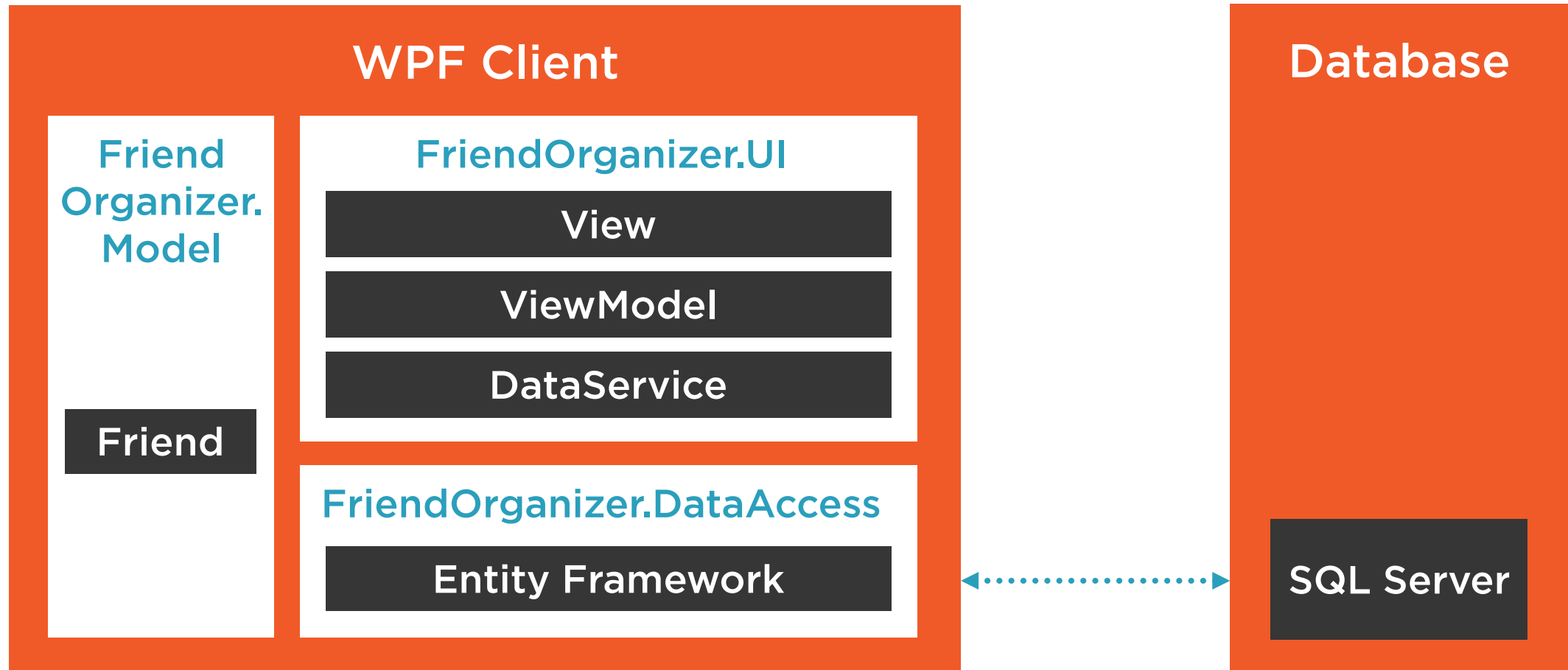
Database

Entity
Framework

SQL Server

Isn't Client-server
an anti-pattern?

About N-tier and Client-server

Client

WPF

Entity Framework

Mobile Client

Middle Tier

ASP.NET Web API

Entity Framework

Database

SQL Server

Plan the Client Layers

WPF Client

Friend Organizer. Model

Friend

FriendOrganizer.UI

View

ViewModel

DataService

FriendOrganizer.DataAccess

Entity Framework

Database

SQL Server

Demo

Set up the FriendOrganizer Solution

Summary

N-tier

- put security, logging and more on the middle-tier

Client-server

- is not an anti-pattern
- allows you to control the lifetime of the EF-DbContext

FriendOrganizer is set up