

# Setting up Entity Framework

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# Module Outline



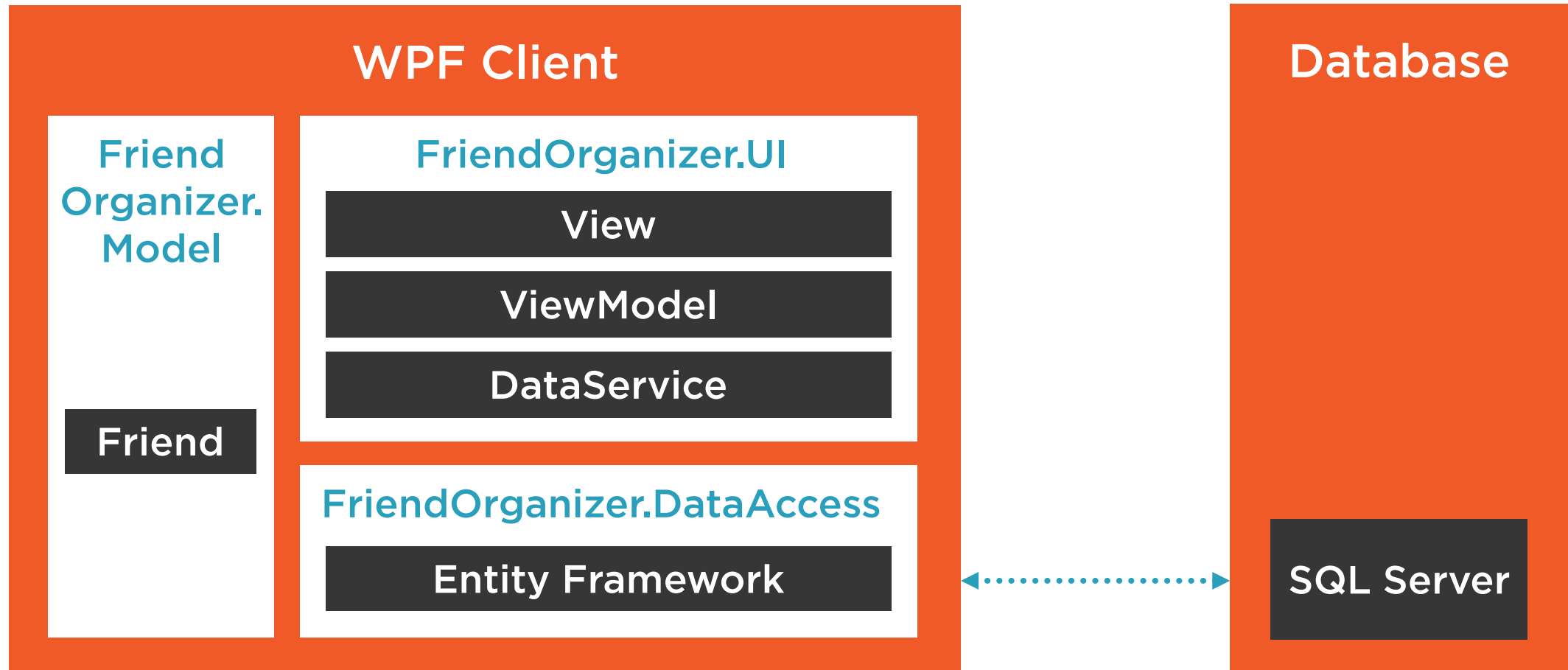
**Plan the data access layer**

**Create and seed the database with  
Entity Framework Code First**

**Load data in the FriendDataService**



# Plan the Data Access Layer



# Demo



Create a DbContext subclass

Add a code first migration

Add constraints

Create and seed the database



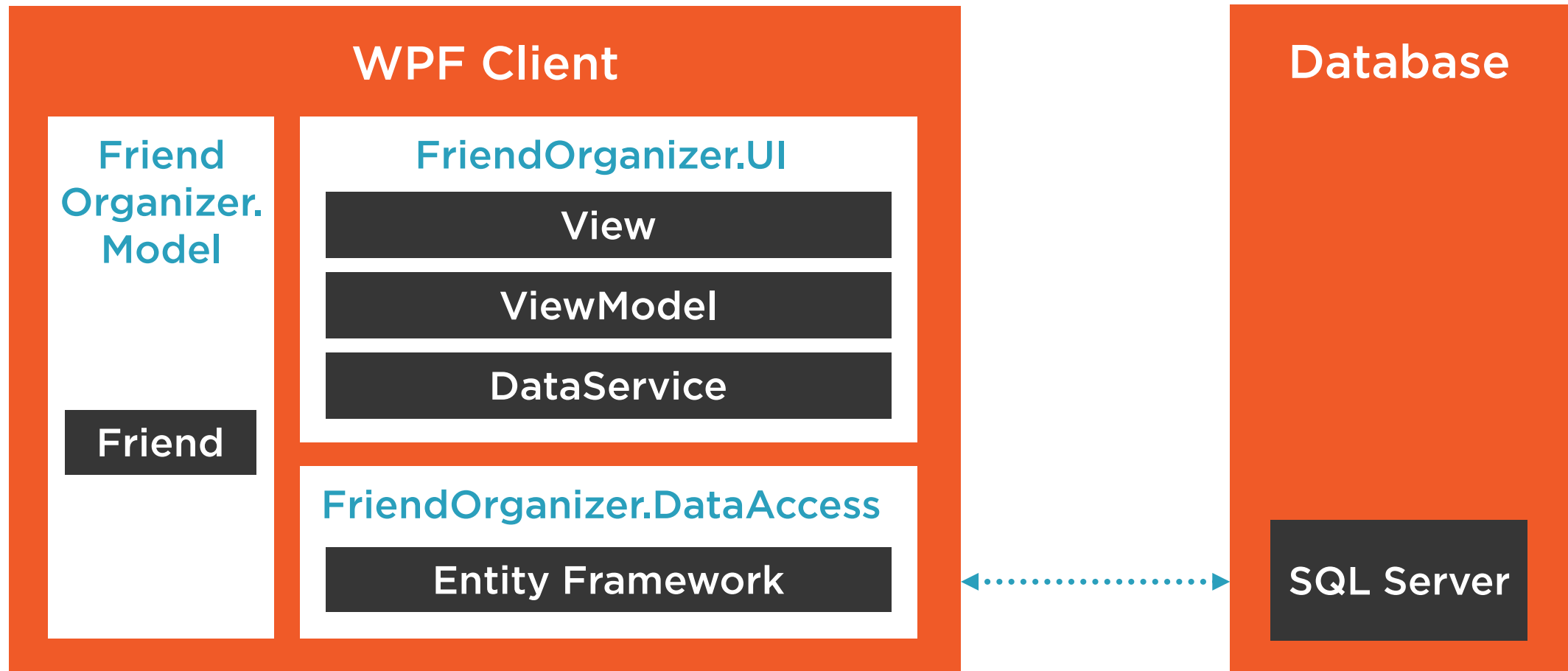
# Add Constraints

**Fluent API**

**Data Annotations**



# Build the FriendDataService



# Summary



## Setting up Entity Framework

- Create the DbContext
- Add a code first migration
- Create and seed the database

## Add constraints with Data Annotations

Load data asynchronously  
in the FriendDataService

