### Flexibility and Maintainability

Since the FoodRadar application will use the 5-Layer-Architecture, it will support a very good flexibility and maintainability. UI changes can be changed by changing the appropriate Xaml-File. Different technologies can be integrated by connecting them to the right Interface in the Data Abstraction Layer or Service Layer. The maintainability of current applied technologies will depend on the complexity. Since their will be a web interface for the business owner, which will offer the possibility to manage their own business account, it would be possible to migrate to other platforms and expand to a customer-based web application. The application logic itself can be changed in the Cs-Files, wherefore it is easy to manage smaller changes. Certainly bigger changes are bringing more work with it.

### Testing

Our software architecture supports testing through using a modular class-based structure. Each class in our project will be able to have a Unit Test written for it, allowing us to check for possible errors or unexpected behaviour automatically. Further UI-Tests will be written to test basic-functionality, like adding new dishes or writing reviews. In addition, as we develop our solution further, our project will be able to undergo System Testing, manually looking at the functionality, usability, and overall UI design and intuitiveness.