



## Technologies

To make the development process easier and provide full management capabilities on ChefsNetwork content to admin/CN employee team, the next set of .NET technologies will be used:

1. Common technologies:
  - [.NET Framework 4.5.1](#) (using C# programming language)
  - [Orchard CMS 1.8.1](#) – an open source content management system (also includes many modules like Lucene (full-text search engine), Blog engine, Admin panel, etc.)
  - [ASP.NET MVC5](#) – a powerful .NET framework for building scalable and modern web applications
2. Data access layer:
  - [Microsoft SQL Server 2014](#) – database engine (also possible using of SQL Server **Reporting/Integration services** for background data operations)
3. Communication layer:
  - [ASP.NET Web API 2](#) – for building RESTful API's (this will also be required for mobile applications)
  - [SignalR](#) – ASP.NET library for real-time messaging feature.
4. Presentation layer:
  - [AngularJS](#) – a JavaScript library to simplify development and testing a client part of applications and make more dynamic and interactive.
  - [jQuery](#) – small and fast JavaScript library. Simplifies the client development and includes a large number of additional features like jQuery UI, Widgets and etc.
  - [Bootstrap 3.3](#) – CSS and JS framework for development of responsive design

[Microsoft Visual Studio 2013](#) will be used as main IDE for development.