# 1 Overall System Description. Kartverket.no, Sept. 2020

## 1.1 Framework and Technology

The following technology and framework have been used for the development of the solution:

- Microsoft.NET 4.7.2
  - C#
  - ASP.NET MWC
- EPiServer CMS 11.x
  - Episerver Find
  - SEO Toolbox
- SQL Server 2016, SP2
- Third party Packages
  - AddOn.Episerver.Settings
  - DbLocalizationProvider
  - Evopdf
  - ExcelDataReader
  - GeoJSON.Net
  - ImageResizer
  - ISO3166
  - Log4net
  - Mogul.SEO.ManagerSchema.NET
  - ShartZipLib
- Visual Studio 2019
- Webpack
  - Typescript
  - Sass
  - Vue.js

## 1.2 Solution Overview

The solution is based on Epinova's best practices.
Functionality, Pages and Blocks are built within their own feature folders and cross dependencies has been avoided as much as possible.

Some listings depend on Episerver Find to fetch content from different repositories. One example of this is the news and calendar list.

**Taxonomy**

The solution has a Taxonomy concept implemented. Certain page types are regarded as Taxonomy items such as Topic, Section and Office pages.