# ASP.NET MVC Introduction

## Implement a Twitter-Like Web Application

Your task is to implement **Twitter Web application.**

* Users
  + Users have followers and list of following users.
  + Every user can follow the others and can be followed by the others.
  + Users may post new tweets.
  + Users can edit their own profiles.
  + Users can delete their tweets.
  + Users can send messages to the other users.
* Tweets
  + Every tweet can be favourite by any user.
  + Every tweet can be retweeted by another user.
  + Every tweet can be reported.
  + Every tweet should have its page (URL).
  + Every tweet can be shared via Facebook.
  + Every user can reply to a tweet by new tweet.
* Users public profiles
  + Each user should have a public profile.
  + Profile have own tweets, following users, followers and favourite tweets.
* Application home page
  + The application home page should list all tweets by all users chronologically.
* User home page
  + The user home page should display all tweets created by the followed users.
* Users have notifications
  + Users receive notifications for retweet, favourite tweet and for new followers.
  + The notification holds content, date and user.

## Create the ASP.NET MVC Project

Your task is to create ASP.NET MVC project using the Visual Studio Web application wizard.

## Install Glimpse

Install Glimpse Mvc5 and Glimpse EF6. Play with the extension and investigate what is the benefit of the Glimpse.

## Play with Controllers and Views

Your task is to write some actions. Play with different ActionResults. Play with different views:

* Play with views
* Play with layouts
* Play with partial views
* Research the concept "display template" and try to use it

## Design Database and Apply Database First Approach

Your task is to

* Design Database based on requirements
* Use Database First Approach to create the Web Application