As part of the developer test – Objective 3, below is the brief summary of review .

The code was readable and organized nicely. The following are my views on the existing code.#

* Defining a separate domain model will improve the reusability and extendibility of the project. Example introducing to the world of application integration, exposing services or back ground processing.
* I would recommend to introduce data services via repository pattern. Hereby we are creating a façade layer to hide the data access layer. The above data services can be later consumed to various database requirements across the solution. This will be sitting outside the web project with a data aggregation capabilities.
* BAL (Business Access Layer) can be handle the business logic and validations.
* The controller does not need the database context as a dependency as Dataservice will be owning the responsibility of database manipulations. Auditing and Logging are missing. Auditing is based on the criticality of the data.
* Exception handling and providing the appropriate business users messages need to work out.