**Property Rental Management**

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| **Project Description** | This project allows any potential tenant to search an apartment that is suitable for his/her needs. The Web site also helps the property owner and the property manager to facilitate the management tasks of property rental. |
| **Users and Operations** | **Property Owner ,Administrator (20 points)**   * Create/Update/Delete/Search/List any property manager account * Update/Delete/Search/List any potential tenant account * Full control of the Web Site |
| **Property Manager (50 points)**   * Perform CRUD operations related to buildings * Perform CRUD operations related to apartments * Keep track of apartments status * Schedule potential tenants ‘appointments * Respond to potential tenants ‘messages * Report any events to the ***property owner*** when necessary |
| **Potential Tenants (30 points)**   * Create an on-line account through **Property Rental Management Web Site** * View any apartment suitable for their needs * Make an appointment with the ***property manager*** * Send necessary messages to the ***property manager*** |
| **Technologies used for Client Side** | CSS3, HTML5 and JavaScript |
| **Technologies used for Server Side**  ASP.Net MVC | * Programming Language : C# * MVC Folder Structure * Routing in MVC * Using Controllers in ASP.Net MVC (Action Method, Action Selectors, Action Verbs) * Using Model in ASP.Net MVC * Generating a model using the Entity Framework (ADO.Net Entity Data Model) * Using Views in ASP.Net MVC * Integrating Bootstrap in an ASP.NET MVC * Integrating Controller, View and Model * Razor pages * Using HTML Helpers * Security in ASP.NET MVC * Consuming Web API in ASP.Net MVC |

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***Important Note:* The final report is required for the final project.**