**HOUSE RENTAL MANAGEMENT APP PROJECT INSTRUCTIONS**

1. The following software applications are required to run the project:
   * Microsoft SQL Server 2019 (Express Version)
   * Microsoft SQL Server Management Studio (Version 18)
2. After installing the following applications, kindly take note of the Microsoft SQL server name as it would be needed to configure the SQL integration in our application
3. Run the Microsoft SQL Server Management Studio and create a new database named “patiencedb” or import the database using the patiencedb.bacpac file attached to this folder
4. The next step is to install the packages used in the project, these projects are listed below
   * MaterialSkin.2
   * Microsoft.Data.SqlClient
   * System.Configuration.ConfigurationManager
   * System.Data.SqlClient
5. Follow these steps to install the packages listed above
   * Right click on the root folder in the solution explorer, then click on “Manage NuGet Packages”
   * Find each of the packages using the search input at the top left position of the “Browse” tab on the NuGet Packages page
   * Then click on the package, it would then pop up the package information at the right tab, then click on install
6. After all packages has been installed, we then need to set the configuration string for the SQL connection, this can be done in the App.config file included in the project
7. In the App.config file, locate the xml tag that has the name “MicrosoftSql”, and update the connectionString attribute to your Server name. e.g. Change “localhost\SQLEXPRESS;” to your server name. (In most cases, the server name is always the same)
8. Comment out line 16 of the Program.cs file (AppConnection.InitDB(true)) if you have not imported the patiencedb.bacpac file, as it is responsible for creating the database tables needed to run the project