MSc Project : Read Me file

**Project Components:** The project contains following folders and files:

1. Data\_analytic: The folder contains 03 individual projects; Business Layer, Data\_analytic, and DB\_ACCESS, implementing business logic, front end and database access functionality of the web based application along with solution file (Data\_analytic.sln).
2. Data\_Analytics.mdf
3. Data\_Analytics\_log.ldf
4. Read Me

**Development Environment:** Tools being used are as follows:

1. Microsoft Visual Studio 2010 Ultimate
2. Microsoft SQL Server 2008 R2 (SQLEXPRESS)
3. Microsoft SQL Server 2008 R2 - Management Studio
4. C#, ASP.Net Web Forms
5. Windows 10 Pro

**Project Execution:** The project can be executed as follows.

1. Attach Data\_Analytics.mdf file to SQL server, by logging-in to management studio, while using “SQL Server Authentication” mode and default administrator credentials:
   1. User name: sa
   2. Password: xxxxxx
2. Change *Web.config* file inside *Data\_analytic* project as:
   1. In *connectionStrings* tag:

Data Source = [*SQL Server name*]\SQLEXPRESS

Password = SQL Server password for user “sa”

* 1. In *appSettings* tag:

Value = [*SQL Server name*]\SQLEXPRESS

1. Change settings in *Dbaccess.cs* file inside *DB\_ACCESS* project by entering password for SQL Server “sa” user, against variable *strConnString* in function *createConn()*.
2. Press F5 or execute project to see the application startup screen.