Module Chooser : Read Me File

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

1. *Data\_analytic*: The folder contains 03 individual projects; *BusinessLayer*, *Data\_analytic*, and *DB\_ACCESS*, implementing business logic, front end and database access functionality of the application, respectively. The folder also has solution file (*Data\_analytic.sln*) for smooth running of the project.
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.

**Application Log-In**

New users can be registered through application interface, whereas admin user can log-in by using *Admin* or *Administrator* user name with appropriate password. User credentials for admin user are already inserted into application database, and can be changed from there, if required. Apart from this, application can also be logged in by using following user credentials, already fed into the database.

1. **For normal user**

User name: TestUser

Password: 12345

1. **For Admin user**

User name: Admin / Administrator

Password: test

**Note**: User guide can be viewed by referring to Appendix ‘C’ of the project report