Application: **Scheduled Job**

Application Type: Console Application (.net framework)

1. **Setup the database**:
2. In ScheduledJob project, open the db script file “DbMigration > Migrations.sql”
3. Execute the script on a local database. It creates a database “TestDB” and a table “Notifications”
4. **Configuration Settings**:

Update app.config file with the below settings:

<configuration>

<connectionStrings>

<add name="DbConnectionString" connectionString="Data Source=(localdb)\MSSQLLocalDB;Initial Catalog=TestDB;Integrated Security=True;Connect Timeout=30;"/>

</connectionStrings>

<appSettings>

<add key="adminEmail" value="adminEmailId"/>

<add key="adminPassword" value="password"/>

<add key="smtpHost" value="smtpHost"/>

<add key="smtpHostPort" value="smtpPort"/>

</appSettings>

</configuration>

1. **Setup the console application to run on schedule**
2. Open windows Task Scheduler [Type “Task Scheduler in windows search bar”]
3. Click “Create Task“ link from right menu
4. General tab: Enter a name and description for the task. Select the option “Run whether the user is logged in or not”
5. Triggers tab: Select “Begin the task on schedule” , select “Daily” set the start date and set the time as 00:00:00 to run the job on every day mid night
6. Set recur every as 1 day
7. Set expiry date as required
8. Actions tab: Select Action as “Start a program” and click on the browse button to select the exe file, which is produced by building the “ScheduledJob” console application. Click Ok button
9. On the Task scheduler, click Ok button to save the scheduler. Enter the Admin user id and password to schedule the job