Lesson 10 - Web API Part 2

1. If you have not completed the project setup, please perform project setup following instructions in **C286 L10 Project Setup.docx** first.
2. Open **Task List** window from the menu **VIEW**, **Task List**. Use the **Filter** function in the Project heading to display only the Task for L10.
3. **Activity 1:**
   * + 1. Perform **Tasks 1-1 to 1-8**. You need to open up Views/DemoAjax/Index.cshtml to see **tasks 1-2, 1-4, 1-6, and 1-8**.
       2. Refer to the Student Notes slides to help you complete the task. You may need L10 slides as well especially on the part of creating Web API actions.
       3. Use browser, Chrome preferred, or Postman to test the various web api actions, use the screenshots captured in Student Notes slides to compare your result.

1. **Activity 2:** 
   * + 1. Perform **Tasks 2-1 to 2-2**. You need to open up Views/DemoAjax/Index.cshtml to see **Task 2-2**.
       2. Verify that you can add new customers using Postman.
       3. You can use **Tasks 1-5 & 1-6** to check whether the newly added customers are added to the drop down list or not.

# Solving the Problem

1. You can complete the problem by following the solution tasks in the project. You need to open **RPNotes/Index.cshtml** and **Shared/\_Notes.cshtml** to see all solution tasks.
2. Recommended order of implementation:
   1. User can select topic for a lesson

Graphical user interface, application

Description automatically generated

* 1. Notes can be saved:
  2. Graphical user interface, application, Teams

     Description automatically generated
     1. Web API action: **RPNotesApiController UpdateNotes** action
     2. jQuery function to consume: **Views/RPNotes/Index.cshtml UpdateNotes** function
     3. Refer to comments in code file for more detail
  3. Add new topic – allow user to select module
  4. Graphical user interface, application

     Description automatically generated
  5. Graphical user interface, application, Teams

     Description automatically generated
     1. Web API action RPNotesApiController GetAllModules action
     2. jQuery function to consume: Views/RPNotes/Index.cshtml LoadModulesForTopic function
     3. Refer to comments in code file for more detail
  6. Add new topic
  7. Graphical user interface, application, Word

     Description automatically generated
  8. Graphical user interface, application, Teams

     Description automatically generated
     1. Web API action RPNotesApiController AddTopic action
     2. jQuery function to consume: Views/RPNotes/Index.cshtml AddNewTopic function
     3. Refer to comments in code file for more detail

*— End of Worksheet —*