Exercises on JQuery and Ajax

Exercise 1: Create a basic plugin for the operations using jQuery UI and Forms.

Exercise 2: Attributes, Classes and CSS Manipulation

Write JQuery/JavaScript to perform the following actions as given in the description. **Toggles** Toggle Colors Toggle Rounded Borders Add a New Box **Descriptions:**

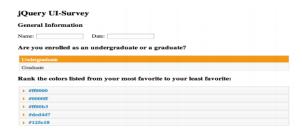
- Toggle Colors: Toggles the color on and off for each box using CSS classes.
 Toggle Rounded Borders: Toggles the color on and off for each box using CSS attributes.
 Add a New Box: Adds one new box to the container.

Instructions

- 1. Add the outlined CSS class to each of the 3 boxes.
- 2. Modify the background-color CSS attribute on the boxes whenever the Toggle Colors button is clicked.
- 3. Add/Remove the round-edge class on the boxes whenever the Toggle Rounded Borders button is clicked.
- 4. Add a new box <div> whenever the Add new box button is clicked.

Exercise 3: jQuery UI

Design and develop the following Imterface



Instructions

- 1. Add <u>Datepicker</u> for selecting dates.
- 2. Use the Selectable interaction for selecting year.
- 3. Use the **Sortable** widget to allow draggable color rankings.
- 4. Use the Tooltip widget to add extra information to year/color options

Exercise 4:

Develop an Ajax application so that it uses any of the file (JSON or XML) as input and displays the read data without changing the front end of the application. (Assume appropriate members and data for the design and development of the required application).