Assignments – Programmatic Model 5: Advanced Visualforce

1. The account manager now wants the function to search for a particular account from the account list page. Add a textbox to the top of the VF page that will take the account name. Add a button as well that will perform the search on the accounts and display the results accordingly. The count of the accounts should also be updated.

The search should also be performed on pressing the enter button on the keyboard. If nothing has been entered in the textbox, a message should be displayed stating that “Input at least 3 characters to perform search”.

The results of the search should be displayed without refreshing the page. Also add a link to clear the search results.

1. Implement “alphabetical search” on the related contacts page. The page should contain a strip of all the alphabets on the top. On clicking the alphabet, the contact list should be refreshed without reloading the actual page.

Hint: Use apex actionFunction for the same

1. Create a new link on the contact row to delete the contact from the account. On clicking the link, the contact should be deleted **this time using VisualForce Remoting**. On successful deletion, an alert should be displayed on the page stating “The contact has been deleted”.

Figure out the advantages/disadvantages of using VF remoting in this scenario.

1. Store the script of the VF remoting in a JS file inside a zip file. Upload that file to the static resources and include the same in your page.
2. Get an image for the header of your page. Add that image to the static resources. Add the header to the page

Hint: Use the download link

1. Write the test classes for all the custom controllers and extensions that you have used in the application. Follow best practices for the same. Create a utility class for generating the test data. Make sure you cover all the test scenarios. Focus on covering the scenarios rather than code coverage. Use meaningful asserts.