## **Technical Assessment**

Test Time: 90 Minutes

## **Problem:**

ABC trading company wants an interface (UI) for their sales team where they can see details of all the stocks along with the ability to add new stocks and update details of any existing stock.

Stock has following attributes-

- Stock Code
- Stock Name
- Issuing Company
- Last Recorded Price
- Current Price

UI should contain 2 sections -

- One section to display all the stocks in list form.
  - I. Stock whose Current Price < Last Recorded, then it should be displayed as Red.
  - II. If both are equal then no color or default color.
  - III. If current Price > Last Recorded Price then display it in Green.
  - IV. User can also delete the stock from this section, so a delete button should be there along with the stock item.
- Another section which should be a form to add/update stocks. If user selects any record from above list, then its detail should be display in this form for modifications (Only Current Price is editable in this case).

## Technical Note:

- Front end should be in WPF/Winform with MVVM
- Coding language can be vb.net or C#
- Use dummy data table for stocks information
- Also write some unit test cases to test the basic functionality

• Follow standard coding convention and design pattern