**Create a MVC application for Jewellery Shop programming**

1. **Home page must contain below links**
   1. **Stock**
   2. **Gold Price**
   3. **Sell**
   4. **Purchase**
2. **Stock Page –** **Show the items in a table**

|  |  |
| --- | --- |
| **Item** | **Quantity** |
| **Ear Ring** | **5 pairs** |
| **Diamond Ring Men** | **10 pcs** |
| **Gold Ring Women** | **20 pcs** |

* 1. **Home button – to navigate to home.**
  2. **Items which stock is less than 10, font in Red colour. (Use JQuery)**

1. **Gold Price Page-**

**Date: Default todays Date selected**

**Price per Gram: text box**

**Save and Cancel button. (Save or Cancel changes and then Navigate to Home page)**

1. **Sell Page –** 
   1. **Item name: drop down, Grams: Text value, Amount: label, Sell More: Button – (These controls appear in 1 line).**

* **Amount- should auto Populate (Grams \* Gold rate of Sale Date).**
* **On Click of “Sell more” button – Add one more row below with same controls.**
* **Those are - Item name: drop down, Grams: Text value, Amount: label, Sell More: Button – (These controls appear in 1 line).**
* **Use J query to show and hide**
  1. **Save – (On click Saves the record and navigate to Home page) - Use AJAX.**
  2. **Cancel - (On click navigate to Home page without saving)**

**Validations –**

1. **Sell units can’t be greater than Stock units.**
2. **Units sold will deducted from stock units. (For example- if stock of Rings were 10 units before sell, after selling of 3 units, stock will become 7.)**
3. **Units field accepts Number only**
4. **All Units Text box and Dropdown values are mandatory.**
5. **Purchase –** 
   1. **Item name : Text Box**
   2. **Units : Text value**

* **Save – Increase the stock. (On click saves the record and navigate to Home page) – Use Ajax to save it.**
* **Cancel - (On click navigate to Home page without saving)**
* **Use Stored Proc to Save the data to DB.**

1. **Use MS-Test for most of the methods. Use Mocking for DB functions.**