Case Study 4(i) – Form Validation

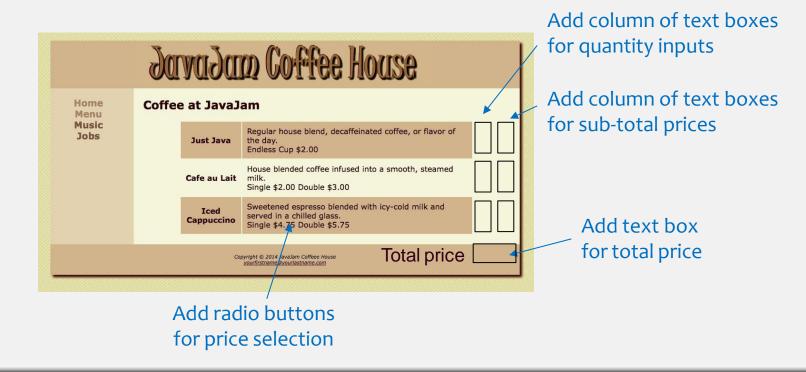
- Modify the "Jobs" page so that the input data for name, email, start date and experience are validated once the data is entered into each field.
 - The name field contains alphabet characters and character spaces.
 - The email field contains a user name part follows by "@" and a domain name part. The user name contains word characters including hyphen ("-") and period ("."). The domain name contains two to four address extensions. Each extension is string of word characters and separated from the others by a period ("."). The last extension must have two to three characters.
 - The start date cannot be from today and the past.
 - The experience field cannot be empty (This can be done in HTML5)





Case Study 4(ii) - Menu Update

Modify the "Menu" page to include order quantity and options for single or double shots. The sub-total for each order should be displayed along the total amount below the sub-totals. The subtotals and total should be computed using JavaScript function..





Case Study 5(i) – Price Update

- Implement additional pages to perform database management functions such as product price update and generation of daily sales report.
- As shown below is a sample administrative page to select a particular blend of coffee for price update. On clicking a corresponding check box, the user can key in the new sales price for a cup of coffee. On successful update of the sales price into the database, the updated

sale prices should be automatically retrieved and display onto the same page for user confirmation.

Click on a check box for price update

Updated corresponding price displayed on same page



Case Study 5(ii) – Sales Reports

- ➤ This case study should require adding a "check-out" button to the modified "Menu" page of case study 4(ii). On check out, the customer's order should be inserted into the database.
- As shown below is a sample administrative page for generating the daily sales reports based on daily customer's orders.
- Daily sales reports showing the total dollar and quantity sales for each of the products and categories (single and double shots) should be generated and presented in html format.
- It should also be possible to include the most popular option category of the best selling product in the report.

Indicate the best selling coffee and its most popular option (single/double/null).



