**Milestone 1(Final Version)**

Simulating operations of Milk Vita

## **Users**

1. Chairman
2. General Manager
3. Production Manager
4. Finance manager
5. Employee

#### **Common Work:**

1. There will be a Logout button for all users to logout from their dashboard. On clicking the logout button the Login Screen will appear.

### **Chairman**

* 1. **Login using default username password**
     1. At First, the login page will appear. With userId, password Text field,job designation Combobox and Login button.
     2. At the initial stage in the login page, there will be only one job designation which will be Chairman.
     3. Chairman will login using default username and password. [UserID: 2233, Password: 1234] and Job Designation: Chairman.
     4. The username and password will be predefined in the database.
     5. After successful login, the chairman panel will appear. Otherwise the user will see a login failed Error Alert Message.
  2. **Creating core staff account for using this software**
     1. On the chairman panel he needed to click on the “Staff Account” option from the side navigation bar to create a core staff account for accessing this software.
     2. After clicking on the Staff Account option a new stage will open at the right hand side on the same scene.
     3. Now chairman needed to fill these fields with required data to create account:
        1. Join Date*[Date Picker]*
        2. ID *[Text Field]*
        3. Name *[Text Field]*
        4. Designation *[Text Field]*
        5. Login Password *[Text Field]*
     4. After giving all this information and clicking on the “Add Staff ” button, the account will be created.
     5. After creating staff accounts, in the login page the job designation ComboBox will be updated according to the created account’s job designation.
     6. Now registered staff can login to the software using username and password which was given by the chairman.
     7. Also the chairman will see the created accounts list on a table.
  3. **View financial report**
     1. By clicking on the Financial Report option from the side navigation bar, a new stage will be open at the right hand side on the same scene.
     2. Chairman will receive income, expenses, and profit reports from the financial manager.
     3. The data will be shown in a chart to see the graphical representation of the financial status.
  4. **View Product Sales Info**
     1. By clicking on the Project Sales option from the side navigation bar, a new stage will be open at the right hand side on the same scene.
     2. The Chairman will receive product sales data from the Employee.
     3. The data will be shown in a Bar Chart.
  5. **View work feedback or message from general manager and send feedback [viewer:General Manager]**
     1. By clicking on the Feedback option from the side navigation bar, a new stage will be open.
     2. Chairman will receive feedback as a text from the general manager.
     3. The text will be shown in a label.
     4. Chairman needed to fill these fields with required data to send feedback message:
        1. Date*[Date Picker]*
        2. Subject*[Text Field]*
        3. Message*[Text Field]*
     5. After writing the feedback clicking on the send button the feedback will be sent.
     6. Chairman will see the feedback message on a table.
  6. **View meeting schedule and Call meeting**
     1. By clicking on the Meeting option from the side navigation bar, a new stage will be open.
     2. There will be a table where the meeting date, time, who calls the meeting will be shown.
     3. Also the chairman can call a meeting.
     4. To Call a meeting, chairman need to fill up these information on required fields:
        1. Date *[Text field]*
        2. Time *[Date picker]*
        3. Caller Name *[Text field]*
        4. Designation*[Combo Box]*
        5. Meeting notes.  *[Text field]*
     5. After that, clicking on the Call Meeting button the meeting will be created.
     6. Chairman will see his meeting call info in a table.

### **General Manager**

General manager will login with the chairman's given username, password and job designation. After successful login the General Manager panel will appear. Otherwise the user will see a login failed message.

* 1. **View all buyers info**
     1. On the general manager panel by clicking on the Buyers Info option from the side navigation bar a new stage will be open.
     2. General manager will receive the data of all buyers from employees.
     3. The data will be shown in a table.
  2. **View Products order** 
     1. By clicking on the Orders option from the side navigation bar a new stage will be open.
     2. General manager will receive the data of all ordered products from employees.
     3. The data will be shown in a table.
  3. **Hiring employees [viewer: Chairman]**
     1. By clicking on the Hire Employee option from the side navigation bar a new stage will be open.
     2. To add new employees, general manager needed to fill these fields with required data:
        1. Join Date *[Date picker]*
        2. User ID *[Text Field]*
        3. Name *[Text Field]*
        4. Designation *[Text Field]*
        5. Salary  *[Text Field]*
        6. Login Password  *[Text Field]*
     3. After filling that, clicking the Add Employee button the info will be saved.
     4. Also the employee info will be shown in a table.
     5. Now the employee can login to the software using their given username and password.
  4. **Sent feedback or message to Chairman and view the feedback [viewer: Chairman]**
     1. By clicking on the Report option from the side navigation bar a new stage will be open.
     2. General Manager needed to fill these fields with required data to send feedback message:
        1. Date*[Date Picker]*
        2. Subject*[Text Field]*
        3. Message*[Text Field]*
     3. Send a report like- any office related issue, any sort of permission or need instant feedback.
     4. Clicking on the Send button, the feedback will be sent.
     5. General Manger will see the feedback message on a table.
  5. **View meeting schedule and Call meeting**
     1. By clicking on the Meeting option from the side navigation bar, a new stage will be open.
     2. There will be a table where the meeting date, time, who calls the meeting will be shown.
     3. Also the general manager can call a meeting.
     4. To Call a meeting, general manager need to fill up these information on required fields:
        1. Date *[Text field]*
        2. Time *[Date picker]*
        3. Caller Name *[Text field]*
        4. Designation*[Combo Box]*
        5. Meeting notes.  *[Text field]*
     5. After that, clicking on the Call Meeting button the meeting will be created.
     6. General manager will see his meeting call info in a table.

### **Production Manager**

Production manager will login with the chairman's given username, password and job designation. After successful login the Production Manager panel will appear. Otherwise the user will see a login failed message.

* 1. **Track every day production rate**
     1. On the production manager panel by clicking on the Production Rate option from the side navigation bar a new stage will be open at the right hand side on the same scene.
     2. To keep track the production rate, production manager needed to fill these fields with required data:
        1. Date *[Date picker]*
        2. Product ID *[Text Field]*
        3. Product Name *[Text Field]*
        4. Product type *[Text Field]*
        5. Produced Amount(Unit) *[Text Field]*
        6. *Defect Product Quantity* *[Text Field]*
     3. After filling that, clicking the Upload button the info will be saved.
     4. Also the production rate info will be shown in a table.
  2. **View Milk Storage Info**
     1. By clicking on the Milk Supply option from the side navigation bar a new stage will be open.
     2. The Production manager will receive the data of milk supply from employees.
     3. The data will be shown in a table.
  3. **View product orders**
     1. By clicking on the Order option from the side navigation bar a new stage will be open.
     2. The Production manager will receive the data of product orders from employees.
     3. The data will be shown in a table.
  4. **View feedback on product quality or other issues**
     1. By clicking on the Feedback option from the side navigation bar a new stage will be open.
     2. The Production manager will receive the data of product feedback from employees.
     3. The data will be shown in a table.
  5. **Submit all products details [viewer: Employee]**
     1. By clicking on the Products Details option from the side navigation bar a new stage will be open.
     2. To keep track all the products details, production manager needed to fill these fields with required data:
        1. Product ID *[Text Field]*
        2. Product Name *[Text Field]*
        3. Product type *[Text Field]*
        4. In Stock *[Text Field]*
        5. Price *[Text Field]*
     3. After filling that, clicking the Upload button the info will be saved.
     4. Also the products details info will be shown in a table.

### **Finance Manager**

Finance manager will login with the chairman's given username, password and job designation. After successful login the Finance Manager panel will appear.

* 1. **Track Daily income**
     1. By clicking on the Income option from the side navigation bar a new stage will be open.
     2. To keep track all the income, finance manager needed to fill these fields with required data:
        1. Date *[Date Picker]*
        2. Income type *[Text Field]*
        3. Income amount *[Text Field]*
     3. After filling that, clicking the Upload button the info will be uploaded.
     4. Also the income data will be shown in a table.
  2. **Track Daily expenses**
     1. By clicking on the Expenses option from the side navigation bar a new stage will be open.
     2. To keep track all the expenses, finance manager needed to fill these fields with required data:
        1. Date *[Date Picker]*
        2. Expense type *[Text Field]*
        3. Expense amount *[Text Field]*
     3. After filling that, clicking the Upload button the info will be uploaded.
     4. Also the expenses data will be shown in a table.
  3. **Submit financial report (income,expenses, revenue) [viewer: Chairman]**
     1. By clicking on the Financial Report option from the side navigation bar a new stage will be open.
     2. To send the financial report to chairman, finance manager needed to fill these fields with required data:
        1. Date *[Date Picker]*
        2. Income *[Text Field]*
        3. Expenses *[Text Field]*
        4. Profit *[Text Field]*
     3. After filling that, clicking the Upload button the info will be sent.
     4. Also the data will be shown in a table.
  4. **View milk purchase info**
     1. By clicking on the Milk Supply option from the side navigation bar a new stage will be open.
     2. The Finance manager will receive the data of milk supply from the employee.
     3. Also the data will be shown in a table.
  5. **View products sales details**
     1. By clicking on the Sales Info option from the side navigation bar a new stage will be open.
     2. The Finance manager will receive the data of product sales from the employee.
     3. Also the data will be shown in a table.

### **Employee**

Employees will login with the general manager’s given username, password and job designation. After successful login the employees panel will appear.Otherwise the user will see a login failed message.

* 1. **Track Milk Purchase [viewer: Production Manager]**
     1. On the employee panel, by clicking on the Milk Supply option from the side navigation bar a new stage will be open.
     2. To keep track the milk supply, employee needed to fill these fields with required data:
        1. Date *[Date Picker]*
        2. Supplier ID *[Text Field]*
        3. Supplier Name  *[Text Field]*
        4. Contact No *[Text Field]*
        5. Milk volume(Litter) *[Text Field]*
        6. Unit Price *[Text Field]*
        7. Net price *[Text Field]*
     3. After filling that, clicking the Upload button the info will be saved.
     4. Also the milk supply info will be shown in a table.
  2. **Track Products Sales** **[viewer: Finance Manager]**
     1. By clicking on the Sales option from the side navigation bar a new stage will be open.
     2. To keep track the product sales, employee needed to fill these fields with required data:
        1. Date *[Date Picker]*
        2. Client Name *[Text Field]*
        3. Products Name *[Text Field]*
        4. Product Quantity *[Text Field]*
        5. Net Price *[Text Field]*
     3. After filling that, clicking the Update button the info will be saved.
     4. Also the sales info will be shown in a table.
  3. **Submit all buyers info**
     1. By clicking on the Buyer Info option from the side navigation bar a new stage will be open.
     2. To keep track the all buyers info, employee needed to fill these fields with required data:
        1. ID*[Text Field]*
        2. Name *[Text Field]*
        3. Address *[Text Field]*
        4. Contact *[Text Field]*
     3. After filling that, clicking the Upload button the info will be saved.
     4. Also the sales info will be shown in a table.
  4. **Submit products order [viewer: Production Manager & General Manager]**
     1. By clicking on the Product Orders option from the side navigation bar a new stage will be open.
     2. To keep track the all product orders, employee needed to fill these fields with required data:
        1. Ordered Date*[Date Picker]*
        2. Due Date*[Date Picker]*
        3. Buyer Name *[Text Field]*
        4. Contact No*[Text Field]*
        5. Products Name *[Text Field]*
        6. Products Quantity *[Text Field]*
        7. Unit Price *[Text Field]*
        8. Net Price *[Text Field]*
     3. After filling that, clicking the Update button, the order will be uploaded.
     4. Also the orders info will be shown in a table.
  5. **Submit products feedback [viewer: Production Manager]**
     1. By clicking on the Feedback option from the side navigation bar a new stage will be open.
     2. To keep track the consumer feedback of products or any other issue regarding the products, employee needed to fill these fields with required data:
        1. Product ID
        2. Product Name *[Text Field]*
        3. Batch No *[Text Field]*
        4. Feedback *[Text Field]*
     3. After writing the feedback, clicking the Upload button info will be uploaded..
     4. Also the feedback text will be shown in a table.