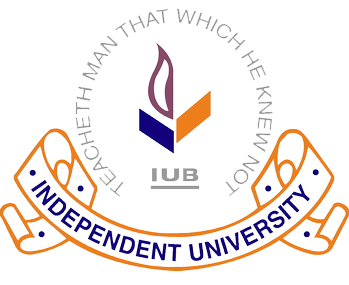
****

**Independent University, Bangladesh**

**Milestone-1**

**Project Topic:**

**Simulating operations of a Large Scale Mango-Garden Estate**

Name: Syeda Muntaqa Musarrat

ID: 1810021

Course Title: Object Oriented Programming

Course Code: CSE213

Section: 01

1. **CEO:**

To gain access to the system, the user needs to log- in to their account with their own user-ID & Password and also select the type of user (their role) they are. The user has to fill-in the correct information to gain access to their account. If the ID and Password match along with the user type, they’ll be able to log-in. Otherwise, a message will be shown across the screen “Incorrect user ID or password. Please try again!”. After successfully logging-in, it will lead them to their own homepage.

* **Goal-1: Review existing tasks given by the CEO to managers\employees**

1. After successfully logging-in to the system, the CEO will be led to the home scene where he/she will then click on the “List Of Tasks” button which will lead to a new page where he\she will click on the “progress report” button which will display the report in a text area and they can check the progress of the tasks given by them to the employees.
2. After reviewing the tasks they can click on the “Back” button situated on the top right corner and they’ll go back to their home scene where they will simply click on the “logout” button and log out of the system.

* **Goal-2: Assign new tasks to managers/employees**

1. After successfully logging-in to the system, the CEO will be led to the home scene where he/she will then click on the “Assign New Task” button which will lead to a new page. On that page, the CEO will set information regarding the task, i.e, set the employee id they are assigning the task to, a deadline for the task and a text area where the CEO will give more information about the task.
2. They will then click on the “submit” button below the text field which will then publish the new task to the list of tasks and notify the included participants of that task.
3. After assigning the tasks, they can click on the “Back” button situated on the top right corner and they’ll go back to their home scene where they will simply click on the “logout” button and log out of the system

* **Goal-3: view meeting schedule set up by the manager**

1. After successfully logging-in to the system, the CEO will be led to the homepage where he/she will then click on the “View Meeting Schedule” button which will lead to a new page. There he/she can view if a new meeting has been scheduled or not by the manager.
2. The CEO will simply click on the back button on the top right-hand corner,
3. After clicking on the “back” button, the CEO will return to the homepage.
4. Upon returning to the homepage, they will simply click on the “logout” button and log out of the system

* **Goal-4: Approve finalized candidates for a job position after the 2nd interview**

1. After successfully logging-in to the system, the CEO will be led to the homepage where he/she will then click on the “Recruitment” button which will lead to a new page with the information of all the potential employees.
2. The CEO will then click on the “edit” button on the bottom right corner, below the table that contains all the information about the employees.
3. Upon clicking the “edit” button, the CEO can tick-mark the selected employees and hit the “save” button at the bottom left corner.
4. Once it’s saved, the CEO will hit the “back” button and return to the homepage.
5. Once at the homepage, they will simply click on the “logout” button and log out of the system

* **Goal-5: View Profit/Cost Analysis of the garden estate**

1. After successfully logging-in to the system, the CEO will be led to the homepage where he/she will then click on “View Profit” button which will lead to the profit page and the CEO can view the seasonal profits of the garden estate by year.
2. After viewing the profit, the CEO will simply click “back” button and return to the homepage.
3. Once at the homepage, they will simply click on the “logout” button and log out of the system
4. **Manager:**

To gain access to the system, the user needs to log- in to their account with their own user-ID & Password and also select the type of user (their role) they are. The user has to fill-in the correct information to gain access to their account. If the ID and Password match along with the user type, they’ll be able to log-in. Otherwise, a message will be shown across the screen “Incorrect user-ID or password. Please Try Again”. After successfully logging-in, it will lead them to their own homepage.

**Goal-1: Set up a new meeting schedule**

1. After successfully logging-in to the system, the CEO will be led to the homepage where he/she will then click on the “Assign New Meeting” button which will lead to a new page. On that page, he\she will set up all the necessary information for the meeting like:

* Date & Time of the meeting
* Topic of the meeting

1. After setting all the necessary meeting information, the manager will then click the “save” button and a notification will be sent to all the participants of that meeting.
2. The manager can then they will simply click on the back” button and return to the homepage.
3. Once at the homepage, they will simply click on the “logout” button and log out of the system

* **Goal-2: Review existing meeting schedule**

1. After successfully logging-in to the system, the CEO will be led to the homepage where he/she will then click on the “Existing Meeting Schedule” button which will lead to a new page. On that page, he\she will check for any comments made by the CEO to reschedule.
2. If there’s a request for rescheduling, the manager will simply click on the “Edit” button situated below the table of the meeting details and edit the contents (date/time/etc) as necessary.
3. After they're done editing, they’ll just click on the “Save” button and the changes will be made accordingly.
4. Once all the changes have been saved, the manager can then simply click on the back” button and return to the homepage.
5. Once at the homepage, they will simply click on the “logout” button and log out of the system

* **Goal-3: Assign new tasks to employees**

1. After successfully logging-in to the system, the manager will be led to the homepage where he/she will then click on the “Assign New Task” button which will lead to a new page.
2. On that page, the manager will set information regarding the task, i.e, set the employee ID and the taskID. A text field where the manager will give more detailed information about the task such as the deadline and more text details about the task.
3. They will then click on the “submit” button below the text field which will then publish the new task to the list of tasks and notify the included participants (employees) of that task.
4. After reviewing the tasks they can click on the “Back” button and return to the homepage where they will simply click on the “logout” button and log out of the system

* **Goal-4: Approve employees ‘Leave of Absence’ request**

1. After successfully logging-in to the system, the CEO will be led to the homepage where he/she will then click on the “Approve Leave Requests” button which will
2. redirect to another page where the manager can view the request made by the employee.
3. If the manager approves the request then they will simply click the “approve” button and the employee will be granted leave. Otherwise the manager will click the “cancel” button if they don’t approve the request.
4. After reviewing/approving the requests, the manager can click on the “Back” button situated on the top right corner which will lead them to the homepage they will simply click on the “logout” button and log out of the system

* **Goal-5: Approve new candidates for a job position**

1. After successfully logging-in to the system, the manager will be led to the homepage where he/she will then click on the
2. “Recruitment” button which will lead to a new page with the information of all the potential employees that have been interviewed.
3. The manager will then click on the “edit” button on the bottom right corner, below the table that contains all the information about the potential employees.
4. Upon clicking the “edit” button, the manager can tick-mark the selected employees that will be called for the 2nd round of interviews held by the CEO, etc. and hit the “save” button at the bottom left corner.
5. Once the list is saved, the manager will hit the “back” button and return to the homepage.

6. Once at the homepage, they will simply click on the “logout” button and log out of the system

1. **Admin:**

To gain access to the system, the user needs to log- in to their account with their own user-ID & Password and also select the type of user (their role) they are. The user has to fill-in the correct information to gain access to their account. If the ID and Password match along with the user type, they’ll be able to log-in. Otherwise, a message will be shown across the screen “Incorrect user-ID or password. Please Try Again”. After successfully logging-in, it will lead them to their own homepage.

* **Goal-1: Create new account for the employees**

1. After successfully logging-in to the system, the admin will be led to the homepage where he/she will then click on the “Create New Account”.
2. Upon clicking the “Create New Account” button the user has to fill up text-fields with the Employee’s Name, ID, group. The user will also set a dummy password(ex. email) for the new employees which they can change afterward to a password of their choice.
3. After filling up the text field with all the necessary information, the admin will simply click on the “save” button.
4. After creating the new account, they can click on the “Back” button situated on the top right corner which will lead them to the homepage they will simply click on the “logout” button and log out of the system

* **Goal-2: Enlist the name of the candidates (potential employees) who have been called for an interview**

1. After successfully logging-in to the system, the admin will be led to the homepage where he/she will then click on the “Recruitment” button which will lead to a new page. There will be a table of text fields where the admin will insert necessary information about the potential employees(ex. Name, email, job position, etc)
2. After uploading the list of potential employees information, the admin will hit the “save” button and the list will be uploaded to the system.
3. Once uploaded, the admin can click on the “Back” button situated on the top right corner which will lead them to the homepage they will simply click on the “logout” button and log out of the system

* **Goal-3: Upload details of new mango produce**

1. After successfully logging-in to the system, the admin will be led to the homepage where he/she will then click on the “Produce” button which will lead to a drop down menu where there will be:

* List of products.
* Storage

1. The admin will click on the “List of products” button which will lead him to a new page where he/she will click on the “Update details on Mango Produce”
2. Upon clicking the button, it will lead to a new page where they will insert all the necessary information on a table of text fields such as the name, product-ID, price per kg.
3. After uploading the necessary information, the admin will hit the “save” button and the new mango produce will be uploaded to the list of products.
4. Once uploaded, the admin can click on the “Back” button situated on the top right corner which will lead them to the homepage they will simply click on the “logout” button and log out of the system

* **Goal-4: Upload storage details of newly harvested mango produce to distributors**

1. After successfully logging-in to the system, the admin will be led to the homepage where he/she will then click on the “Update Storage Details” button which will lead him to a new page
2. Upon clicking the button, it will lead to a new page where they will insert all the necessary information on a table of text fields such as the name, product-ID, \*total weight\*.
3. After uploading the necessary information, the admin will hit the “save” button and the new storage entry will be uploaded to the list of storage.
4. Once uploaded, the admin can click on the “Back” button situated on the top right corner which will lead them to the homepage they will simply click on the “logout” button and log out of the system

* **Goal-5: Upload information on new distributors**

1. After successfully logging-in to the system, the admin will be led to the homepage where he/she will then click on the “Channels” button which will lead to a new page where there will find a table with a list of all the Distributors.
2. On the top right of the new page, the admin will click on the “Add New Distributor” button.
3. Upon clicking the “Add New Distributor” button, a pop-up page will open where they will insert all the necessary information on a table of text fields such as the name, DistributorID, size, price per kg, etc.
4. After uploading the necessary information, the admin will hit the “save” button and the new mango distributor will be uploaded to the list of products.
5. Once uploaded, the admin can click on the “Back” button situated on the top right corner which will lead them to the homepage they will simply click on the “logout” button and log out of the system
6. **Employee:**

To gain access to the system, the user needs to log- in to their account with their own user-ID & Password and also select the type of user (their role) they are. The user has to fill-in the correct information to gain access to their account. If the ID and Password match along with the user type, they’ll be able to log-in. Otherwise, a message will be shown across the screen “Incorrect user-ID or password. Please Try Again”. After successfully logging-in, it will lead them to their own homepage.

* **Goal-1: Change log-in password**

1. After successfully logging-in to the system, the employee will be led to the homepage where he/she will then click on the “Change your password” button which will lead them to a new page. Upon reaching that page, there will be a “Change Password” box and below it will be 3 text fields for current password, new password and confirm password.
2. After filling up the text fields, the employee will hit the “save” button and their password will thus be changed.
3. The employee can click on the “Back” button situated on the top right corner which will lead them to the homepage they will simply click on the “logout” button and log out of the system

* **Goal-2: View task assigned by CEO**

1. After successfully logging-in to the system, the employee will be led to the homepage where he/she will then click on the “View Task by CEO” button which will lead to a new page where he/she can view the task given by the CEO.
2. After viewing the task on a text area, they can simply click on the “Back” button situated on the top right corner which will lead them to the homepage they will simply click on the “logout” button and log out of the system

* **Goal-3: View task assigned by Manager**

1. After successfully logging-in to the system, the employee will be led to the homepage where he/she will then click on the “View Task by Manager” button which will lead to a new page where he/she can view the task given by the CEO
2. After viewing the task on a text area, they can simply click on the “Back” button situated on the top right corner which will lead them to the homepage they will simply click on the “logout” button and log out of the system

* **Goal-4: Request leave of absence**

1. After successfully logging-in to the system, the employee will be led to the homepage where he/she will then click on the “Services” button which will lead to a new page for Leave Application.
2. On that page, there will be multiple boxes of text fields for the Date of leave(From: & To: ) and the Reason of leave.
3. After filling up the text fields, the employees will simply click on the “Apply” button and a request will be sent to the manager.
4. After hitting the “Apply” button, the employee can click on the “Back” button situated on the top right corner which will lead them to the homepage they will simply click on the “logout” button and log out of the system

* **Goal-5: View meeting schedule**

1. After successfully logging-in to the system, the employees will be led to the homepage where they will click on the “View Meeting Schedule” button which will lead to a new page.
2. On that page, they can view the details of the meeting such as Date & Time, Duration and Topic of the meeting in a huge text area.
3. After viewing, they can click on the “Back” button situated on the top right corner which will lead them to the homepage they will simply click on the “logout” button and log out of the system
4. **Distributor:**

To gain access to the system, the user needs to log- in to their account with their own user-ID & Password and also select the type of user (their role) they are. The user has to fill-in the correct information to gain access to their account. If the ID and Password match along with the user type, they’ll be able to log-in. Otherwise, a message will be shown across the screen “Incorrect user-ID or password. Please Try Again”. After successfully logging-in, it will lead them to their own homepage.

* **Goal-1: Edit storage details of mango**

1. After successfully logging-in to the system, the distributor will be led to the homepage where he/she will then click on the “Edit Storage details” button which will lead to a new page where they can see the details in a table of the items in the storage. They will simply click on the “edit” button on the top right of the table and hit the “remove” button beside the row of the table that has been already distributed to the customer.
2. A pop-up message will appear asking if they’re sure to make the changes. The distributor will simply click “confirm” and the changes will be saved.
3. Once the changes have been made, the distributor can click on the “Back” button situated on the top right corner which will lead them to the homepage they will simply click on the “logout” button and log out of the system

* **Goal-2: Upload details on mango distribution**

1. After successfully logging-in to the system, the distributor will be led to the homepage where he/she will then click on the “Upload Mango Distribution Details” button which will lead to a pop-up box where there will be multiple text fields that need to be filled with the name, product-ID, \*total weight\*, price per kg,
2. After filling up the text fields, the distributor will hit the “save” button and the detailed information will be uploaded to the system.
3. Once uploaded, the distributor can click on the “Back” button situated on the top right corner which will lead them to the homepage they will simply click on the “logout” button and log out of the system

* **Goal-3: view the feedback received by the retailers**

1. After successfully logging-in to the system, the distributor will be led to the homepage where he/she will then click on the “Feedback” button which will lead to a new page where there will be a text area showing the details of the feedback with their respective id’s
2. After viewing, the distributor will click on the “Back” button situated on the top right corner which will lead them to the homepage they will simply click on the “logout” button and log out of the system