## Login Authentication

1. **Validate credentials**
   1. Enter valid username
      1. Enter valid password
         1. Successful login
   2. Enter valid username
      1. Enter invalid password
         1. Login denied
   3. Enter valid username
      1. Do not enter a password
         1. Login denied
   4. Enter invalid username
      1. Enter any password
         1. Login denied

## View Job

1. **View Job**
   1. Select a job
      1. Click ‘View Job’ button
         1. ‘Viewing Job for <selected customer>’ window pops up and displays correct information
   2. Do not select a job
      1. Click ‘View Job’ button
         1. Warning window pops up

## Add Job

1. **Add Job**
   1. Click ‘Add Job’ button
      1. Select a customer
         1. Click ‘Create Job’ button
            1. ‘Creating Job for <selected customer>’ window pops up and displays correct information
   2. Click ‘Add Job’ button
      1. Do not select a customer
         1. Warning window pops up
2. **Information Tab**
   1. Click ‘View All Customer Information’ button
      1. ‘Viewing <selected customer>’ window pops up and displays correct customer information
         1. Click ‘Add Payment’ button
            1. ‘Add Payment’ window pops up
            2. Enter credit card information
            3. Click ‘Save’ button

Returns to ‘Viewing <selected customer>’ window and ‘Add Payment’ button has been replaced with ‘View Payment’ button and last 4 digits of credit card number

* 1. Click ‘Download Invoice’ button
     1. IF job has materials, labor, and/or fees attached, it will download to local downloads folder
     2. ELSE warning window pops up
  2. Click ‘Email Invoice to Customer’ button
     1. Invoice emails to customer email address
  3. Click ‘Select Employee’ button
     1. Select employee
        1. Click ‘Add Employee’
           1. Employee added to ‘Employees on Job’ pane

Click ‘Select Employee’ button

Select the same employee

Click ‘Add Employee’ button

Warning window pops up

* 1. Select employee from ‘Employees on Job’ pane
     1. Click ‘Remove Employee’ button
        1. Employee is removed from ‘Employees on Job’ pane
  2. Click ‘Save Job’ button
     1. Job saves; return to main menu; new job is displayed on job list
  3. Click ‘Delete’
     1. Job deletes; return to main menu; job is removed from job list

1. **Materials Tab, Labor Tab, and Fees Tab**
   1. Enter item description and price
      1. Click ‘Add Item’ button
         1. Item and price are added to materials list
   2. Select item from materials list
      1. Click ‘Delete Item’
         1. Item and price are removed from materials list
   3. Do not enter item description and/or price
      1. Click ‘Add Item’ button
         1. Warning window pops up

## View Customer

1. **View Customer**
   1. Select a customer
      1. Click ‘View Customer’ button
         1. ‘Viewing <selected customer>’ window pops up and displays correct information
   2. Do not select a customer
      1. Click ‘View Customer’ button
         1. Warning window pops up

## Add Customer

1. **Add Customer**
   1. Click ‘Add Customer’ button
      1. ‘Add New Customer’ window pops up
         1. Enter valid customer information
            1. Click ‘Save’ button

New customer saves to database; return to main menu; new customer displays on customer list

## View Employee

1. **View Employee**
   1. Select an employee
      1. Click ‘View Employee’ button
         1. ‘Viewing <selected employee>’ window pops up and displays correct information
   2. Do not select an employee
      1. Click ‘View Employee’ button
         1. Warning window pops up

## Add Employee

1. **Add Employee**
   1. Click ‘Add Employee’ button
      1. ‘Add New Employee’ window pops up
         1. Enter valid employee information
            1. Click ‘Save’ button

New employee saves to database; return to main menu; new customer displays on customer list