**Laundry Management System User Guide**

## **Set Up**

1. Please follow the Build and Installation Guide document.

To run the unit tests for the application, right click on **Laundry\_Management\_System\_UnitTest1** and then select run tests. The result of the tests is displayed below.

A screenshot of a computer

Description automatically generated

## Usage of the application –

Run the application but clicking on IIS Express



The application will open the sign in page.

A screenshot of a computer

Description automatically generated

Next, you can goto register page by clicking on register and register a new user.

A screenshot of a computer

Description automatically generated

I have already created a user with email – [test@test.com](mailto:test@test.com) and password “**Pa04word@**”**.** I will login with these credentials.

A screenshot of a login screen

Description automatically generated

It will land on the machineinfo page where the user can see their ewallet balance and the availability of the washing and dryer machines. The user can start using the available machine by paying the cost of using the machine from their ewallet.

This user is loaded with his account number and wallet balance is $100. All the machines are available.

(For new user, they can add ewallet by navigating to the Edit Profile button)

A screenshot of a computer

Description automatically generated

Now, the user starts washer1 by clicking on Start Using.

A black and white screen

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated

As we can see, the amount gets deducted from the ewallet of the user and the machine status changes to In Use.

(The machine status will change back to” Available” in 1 min as there are no physical machines available)

Now, click on the Edit Profile button.

A screenshot of a computer

Description automatically generated

The Edit Profile will navigate to “Managee” page which shows the current user’s Name, Username, Email address and the balance.

The user can edit these details by clicking on the Edit Profile button.

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The use can add Money to their ewallet by adding a new 6-digit card number and the amount between $1 and $100. This will replace the card number in the database and add the new amount to the current amount.

Here, I tried to add 10 dollars.

(For the simplicity of the project, the user can add new card and the amount will add to the current amount.)

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The balance gets updated.

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Here, the user can also remove the ewallet. This will be done by clicking on the Remove EWallet button which will remove the card number and the amount of the user from the database.

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A screen shot of a computer

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Finally, the user can reset the password by clicking on the reset password button.

A screenshot of a computer

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A screenshot of a phone

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The user will only be able to reset the password after entering old password.

Finally, the user can Logout by clicking the Logout button.

## Admin Page

This “test” user has special access to a “adminmachineinfo” page.

A screenshot of a computer

Description automatically generated

The user can only access this page by manually navigating to it due to security reasons. <http://localhost:7651/Identity/Admin/AdminMachineInfo>

Using this page, the admin user can remove machine, change the cost of using the machine and add new machine.

Next, you can explore the application.