**Laundry Management System User Guide**

## **Set Up**

1. Download the codebase from the Github –
2. To build and deploy the application, please use Visual Studio with ASP.NET Core 7.0 support.
3. Visual Studio 2022 Community Edition can be downloaded from the below link: <https://visualstudio.microsoft.com/vs/>
4. Now, Open the Laundry\_Management\_System.sln file.

A screenshot of a computer

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1. It should open the project and will look like this.

A computer screen shot of a black screen

Description automatically generated

1. You can now begin using the application.

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.

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## Usage of the application –

Run the application but clicking on IIS Express



The application will open the sign in page

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

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I have already created a user with email – [test@test.com](mailto:test@test.com) and password **abc@123.** I will login with these credentials.

A screenshot of a login screen

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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.

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

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A screenshot of a computer

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

Now, click on the Ewallet button.

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Here, the user can add 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 in the current amount.

Here, I tried to add 10 dollars.

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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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Next, you can explore the application.