**User Guide for End Users**

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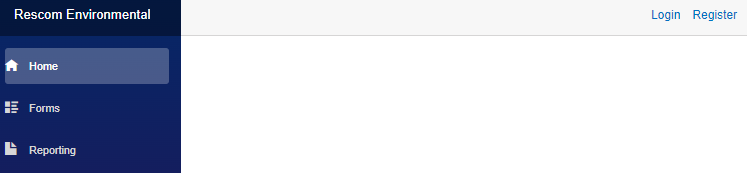
**Purpose**

The purpose of this document is to give end users an understanding of how the application can be used and how data is input in the database via the front-end user interface. This user guide details how the project and form creation, updates, and deletions are performed. This user guide also shows the user how to register an account and login, along with an example of what happens if an unauthorized user attempts to edit or add data to the database. The search feature and reporting features are also detailed in this user guide to show the users what information can be searched within each project and how the reports are generated, as well as how users can organize/search the reporting table for more information.

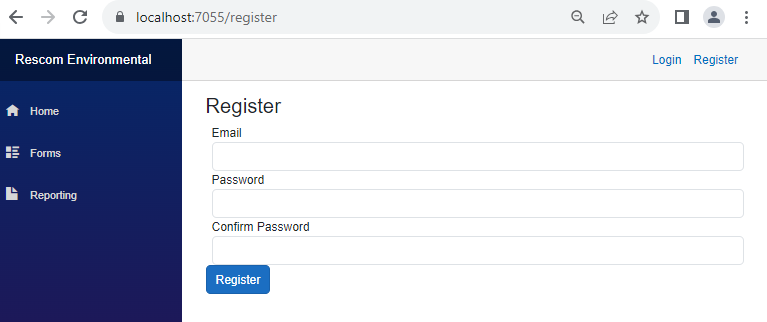
**Logging In**

*Registration*

Register an account from the homepage:

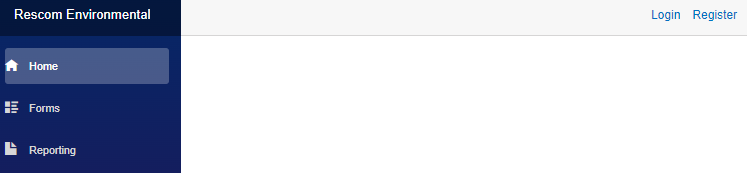


Input user email and password at the following url:

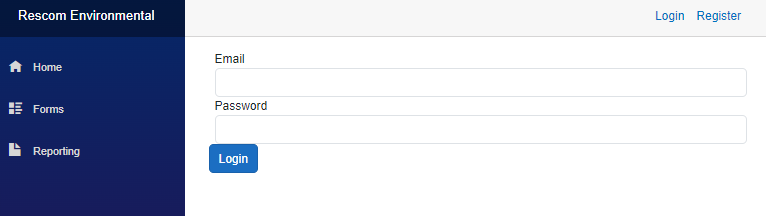


*Logging In*

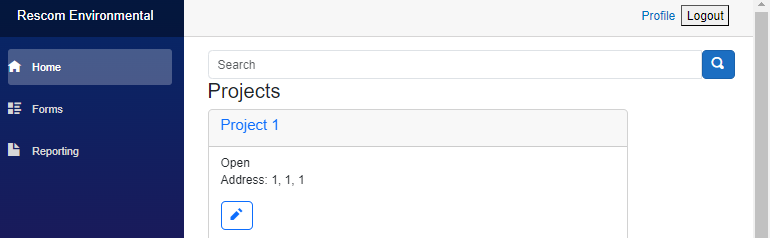
To login use the login button on the mainpage:



Enter your user information into the login route:

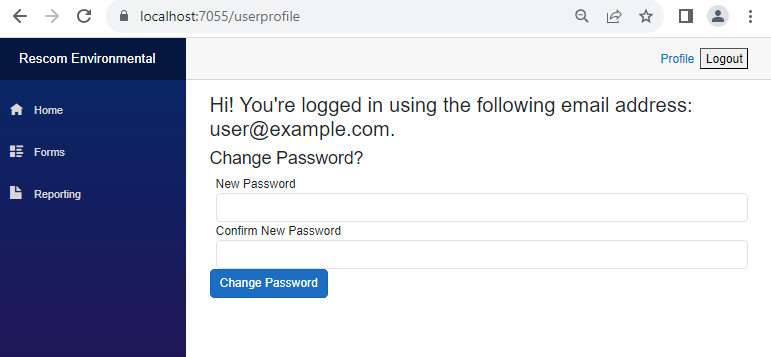


The user password will automatically be encrypted for added security. Now the user should be able to view their user profile:



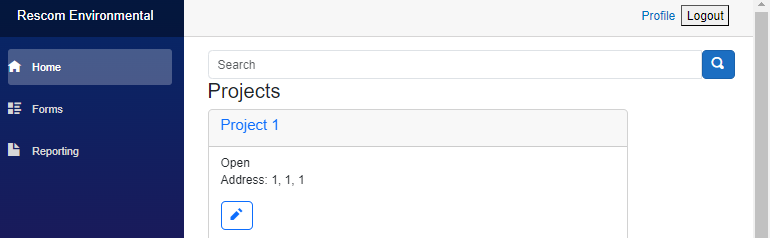
*Changing User Password*

From the profile page the user can change their password:

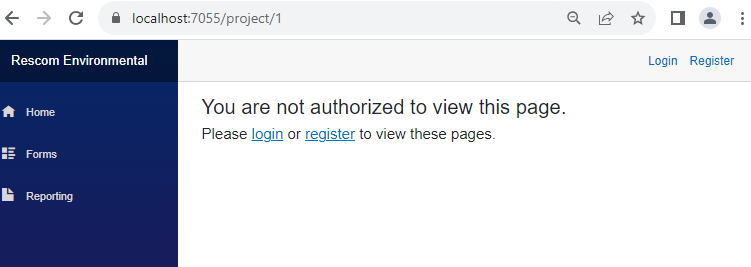


*Logout*

To logout of your account click the logout button:

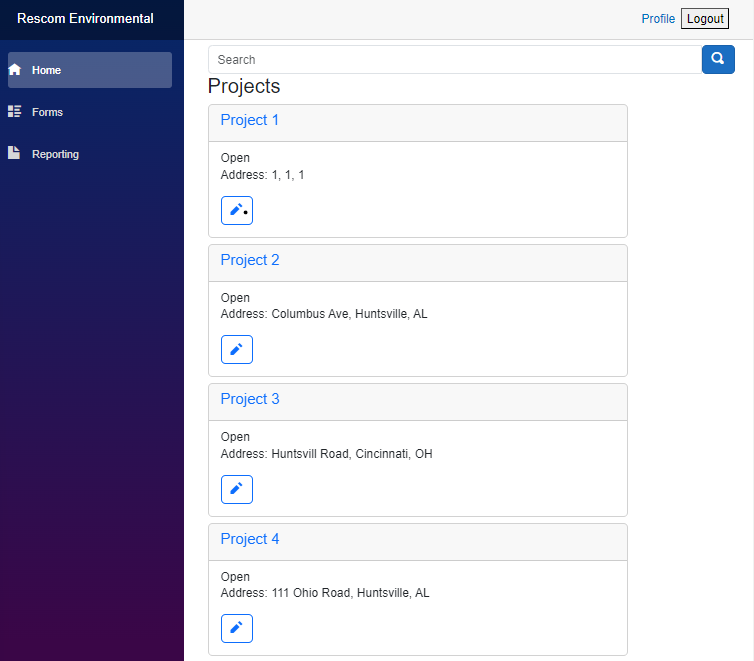


If a user is not logged in then some of the routes within the application will not be accessible. Below is an example of this:



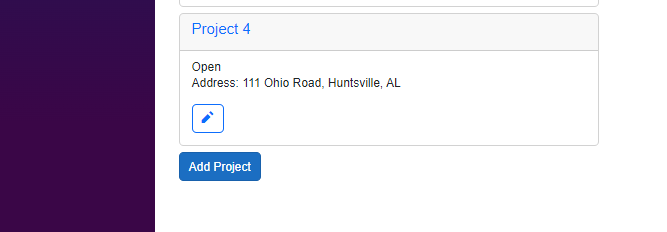
**Projects**

The list of projects should be displayed on the opening page of the application whether you are logged in or not. Below is an example of this:

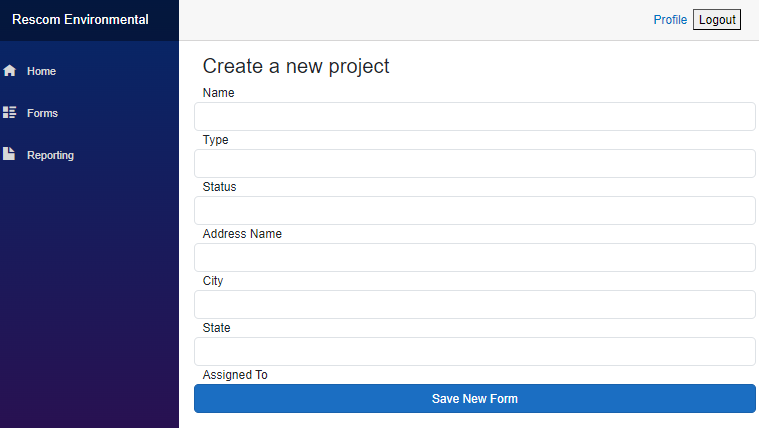


*Creating a project*

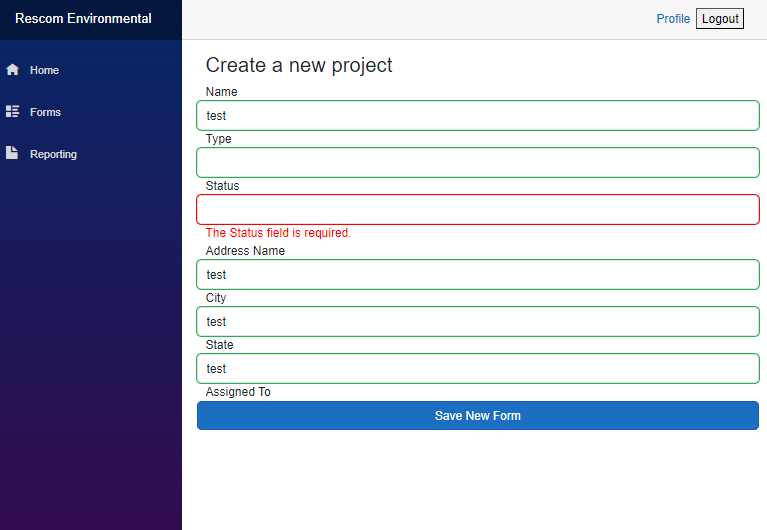
To create a project go to the bottom of the homepage and click the create project button:



To get to this route you will need to be logged in:

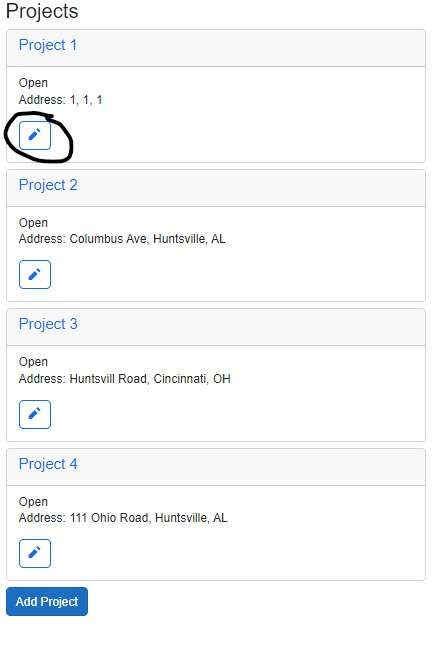


If a required field is not input into this form then an error will populate below the input field, below is an example of this:

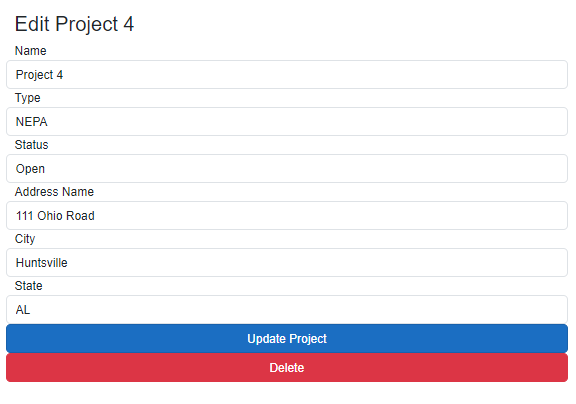


*Updating or Deleting a Project*

To update a project click the pencil icon on the the individual project cards:



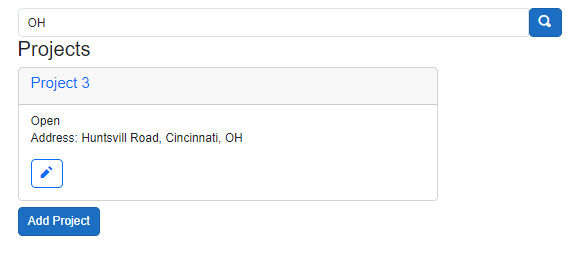
Clicking this button leads to the following project update form:



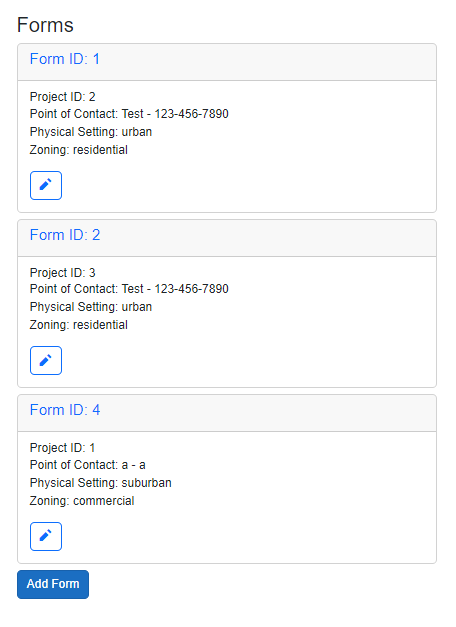
This form will produce the same notifications if required fields are not input by the end user. Additionally, clicking the delete button on this page will delete the project.

*Searching a Project*

You can also search through the projects by name, city, or state. Here is an example output of a search:

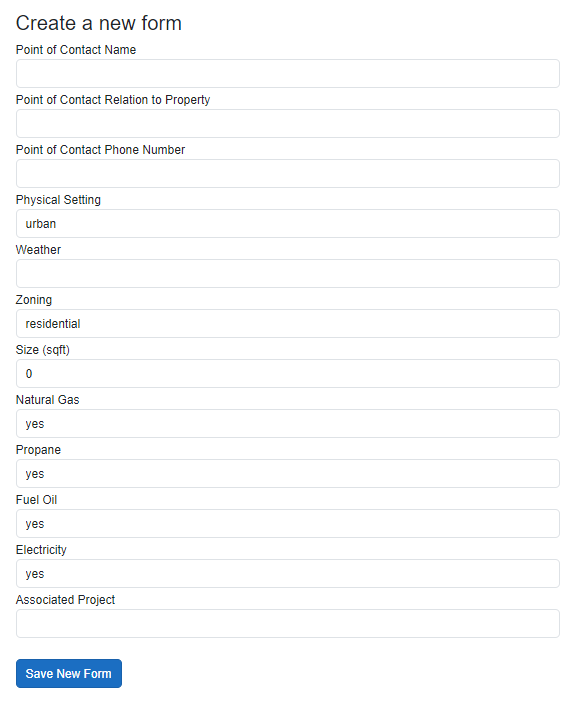


**Forms**

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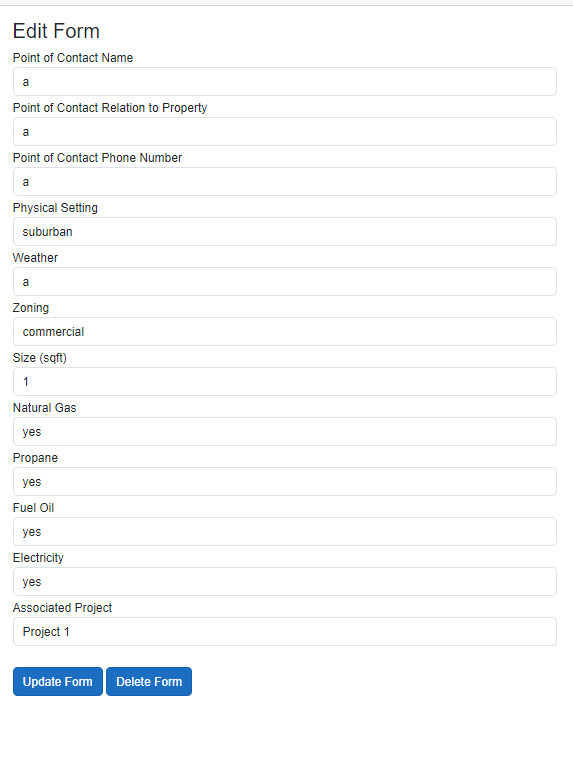
*Creating a Form*

To add a form click the add form button. To update a form select the pencil icon.



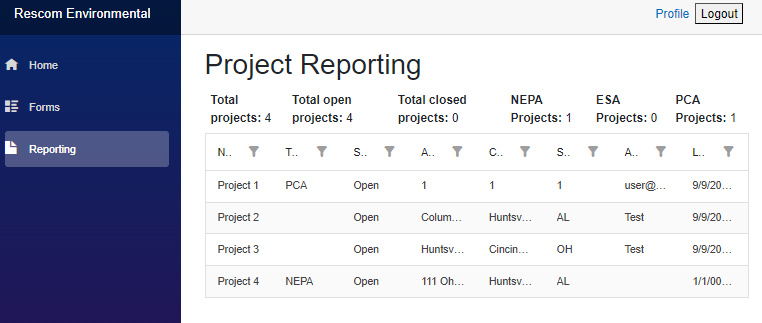
*Updating a Form*

From the update form you can update an existing form and delete an existing form similar to the update project form.



**Reporting**

To get to the reports click the reports tab on the navigation menu:



Form here you can see different reports that are generated below the title automatically, but the user is also able to filter the table down future using the filter icons and by selecting the column headers. Clicking the column headers will organize the columns in different ways. The filter button allows the user to search for certain criteria.