

# Screen Mockups

Employee Login / Report Water Main Break

Please Enter Work Login Credentials:

Username:

Password:

Login

To report a Water Main Break please follow the following steps:

1: Click the following button

2: Follow all directions as stated

3: Information will be sent directly to City of Kirkwood Water Department

Report Water Main Break

Employee Successful Login

Reported Main Breaks:

1: [Main Break 1](#)

2: [Main Break 1](#)

3: [Main Break 1](#)

Employee's Working Today:

Tony Cook - (314) - 128-2311

Jackson Fendler - (314) - 654-8391

Owen Garrett - (314) - 957-1827

Julio Flores - (314) - 927-6184

Matt Pelich - (314) - 758-0447

Water Main Break 1

Reported by Mr. G - (314) - 645 - 9238 at (Date and Time Inputted)

Who Reported the problem:

Citizen

Visible Problem:

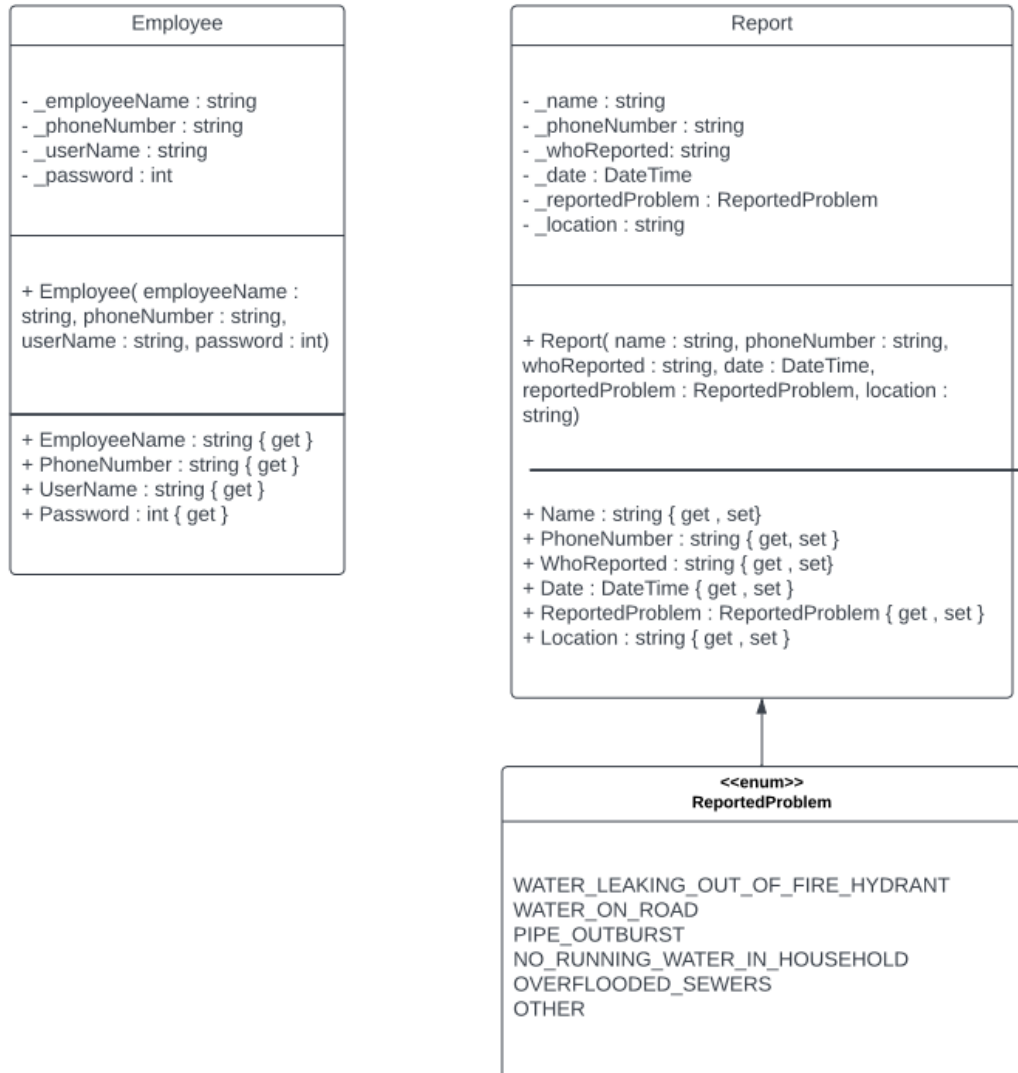
Water on road

Main Break location:

Magic House Blvd

Delete Current





**FEATURE 1.** This is the first thing a user sees upon running the form. They can enter either a username or password if they are employees of the City of Kirkwood Water Department. Or if they are there to report a water main break, they can click the button and get directed to a new form that allows them to **CREATE** a report.

Employee Login / Report Water Main Break

Please Enter Work Login Credentials:

Username:

Password:

Login

To report a Water Main Break please follow the following steps:

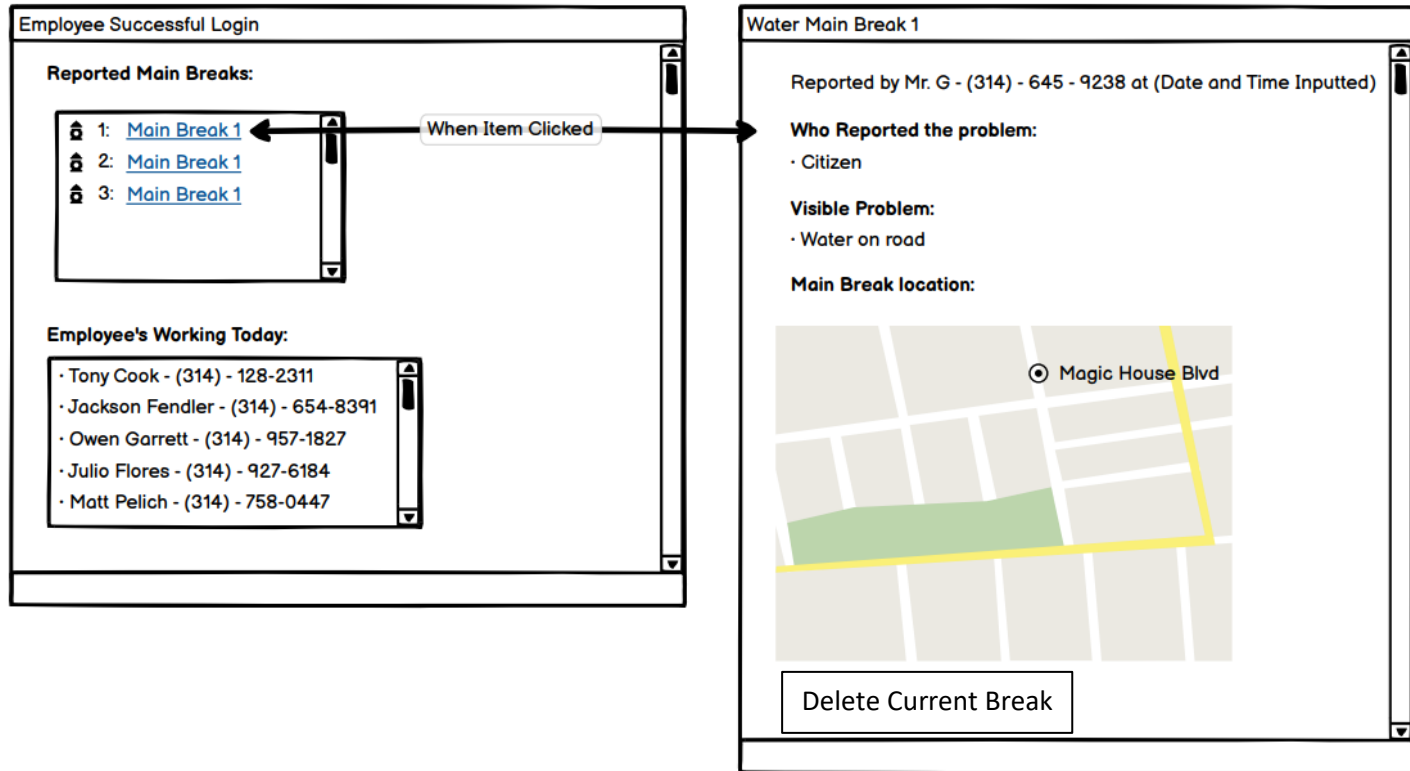
1: Click the following button

2: Follow all directions as stated

3: Information will be sent directly to City of Kirkwood Water Department

Report Water Main Break

**FEATURE 2.** If an Employee successfully logs in, they will see a list of all the water main breaks residents reported they can **READ**. They can click on the listed items and a pop up for the corresponding break will appear. It will give them the person who reported the break, the type of person who reported it, the inputted problem selected, and the location they chose. (Forgot to put it in Mockup) Employee will see a button that will allow them to **DELETE** the current break selected if it has been completed, thus **UPDATING** the database and removing the entry. They can also see a list of the employees who are working on that specific day.



**FEATURE 3.** If the user clicks the Report Water Main Break Button it will direct them to this form in which they can fill out information. They must enter all fields except for email. If any of the fields are left blank an error will appear showing that all fields must be completed. This is so no "fake" or "false" breaks can be reported. Unfilled fields will appear red. User must enter a name and phone number or the optional email for additional contact if the Water Department sees fit. Then a radio button for the type of person who is reporting the problem. Next is a date picker allowing the user to input the current date of them reporting. Following that is a Combo Box that has a list of problems a user can click. Next is an image of the Kirkwood area followed by individual radio buttons to be pressed for the street names that fire hydrants/breaks could occur on. Lastly the user will click the submit button for the report to **UPDATE** the database of break reports.

Water Main Report Information

Please fill out the following to report a Water Main Break:

Name: Mr. G

Phone #:

Email (optional):

Who is reporting the Break?

☐ Kirkwood Resident

☒ Citizen (selected)

☐ Water Department Employee

☐ Police Officer

☐ Other

When are you reporting the break?

/ /

What is the visible problem?

Select a Problem:

Water leaking out of Fire Hydrant

Water on road

Pipe outburst

No running water in household

Overflooded sewers

Other

Where is the Main Break located?

Main Street

Kirkwood Rd

Magic House Blvd

Submit Report

Please Fill Out All Required Fields

This is the UML for our project. There will be 2 classes, 1 called Employee and the other called Report. The Employee class will be for all information regarding the employee side of the project. This being their name, phone numbers, and their login information. The Report class will be for the user's ability to report a water main break. There will be an Enum for the pre-generated problems a user can select.

