The goal of this assignment is two-fold. First, master window management. Second, divide work between team members and work on different parts of a project.

Create a new GitHub repository for this assignment, I suggest CSC470-P2. Make sure you, your team and me, the professor, all have access to that repository. Create a new Visual Studio 2019 solution.

The general idea for the assignment …

1. Create two forms a main form and a form to be used as a dialog
2. Open the second form as a modal dialog
3. Open the second form with a parameter in the constructor
4. Set a public member variable on the second form
5. Close the second form with the DialogResult set
6. In form one check the value of the DialogResult
7. In form one, get the value of form two’s public member variable

Each team member must have meaningful code commits to the repository.

A Visual Studio 2019 example with code that illustrates the necessary syntax and techniques for window/form management is available on GitHub at <https://github.com/davebish/CSC470-E2>

The UML Sequence Diagram (below) specifies the interactions between the user, the FormMain and the FormSeeFish. Your code should implement this specification. Recall that “Create” is a general term for an object’s constructor.

A close up of a map

Description automatically generated

See below for UI requirements and picture box code. Also, the fish pictures are available on D2L along with this assignment info.

**Grading**

* Correctly setup and organized GitHub repository that the professor can access effectively
* Repository commits evenly distributed between the team members
* Operational, correct appearance and functional Visual Studio 2019 C# Windows Forms (.Net) application.
* Use of parameterized constructor for the fish form
* Checking of dialog result and access of the fish form’s public property from the main form to determine and display the user’s decision
* Proper implementation of the UML Sequence Diagram

# UI Requirements

## FormMain

A screenshot of a cell phone

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## FormSeeFish

A screenshot of a social media post

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## Message box showing user’s decision – need to handle “Keep It”, “Throw It Back”, and “Canceled”

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A screenshot of a cell phone

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A screenshot of a cell phone

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# Add pictures as Resources

A screenshot of a cell phone

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# Assign the picture resource to a picture box

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