

Code Review Form

Lab number and date	Lab 6
Developer (Person whose code is being reviewed)	Robert Moore
URL for project repository (optional)	
URL for the hosted web app (optional)	
Reviewer	Robert Moore

Instructions

The reviewer will complete this form for the beta version of a lab assignment done by one of their lab partners. After filling out the “Beta” column and adding comments, the reviewer will upload this document to the Lab Beta + Review Forum.

The developer will revise the beta version of their lab work and fill out the “Production” column to reflect any changes they have made. The developer will submit this completed form along with the production version of their lab assignment.

Criteria	Release	
Does it compile and run without errors? (Yes, or No and list any issues below)	YES	
Do all the pages load correctly (for both GET and POST requests if applicable)?	YES	
Do all the links, buttons or other UI elements work correctly?	YES	
Does the style conform to C# coding conventions?	YES	
Do the design and implementation conform to best practices?	YES	
Does the solution meet all the requirements?	Yes but see comments	
Yes - 1) A Message repository; which means you will need: Yes- a) An interface Yes - b) A real repository that in the future will store messages entered by the user. You should already have this, but will need to modify it to implement the interface above Yes - c) A fake repository that contains hard-coded messages for testing 2Yes -) View(s) and Controller method(s) for replying to messages (if you haven't already done this).		

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Yes - 3) Modify the Contact controller (**home controller**) [**I looked at previous requirements and couldn't find where it said to create a Contact controller**] to work with the new ContactRepository.

Yes - 4) Unit tests for the methods in the Contact controller. [Again HomeController]

a) The tests should use the fake Message repository

b) Write tests for all the methods that do something more than just invoke a view.

c) You should end up with tests for at least 3 or 4 methods.

Comments

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Appendix

Aspects of coding style to check

- Is proper indentation used?
- Are the HTML elements and variables named descriptively?
- Have any unnecessary lines of code or files been removed?
- Are there explanatory comments in the code?
- Do variable names use camelCase?
- Are properties, methods and classes named using PascalCase (aka TitleCase)?
- Are constant names written using ALL_CAPS?

Best practices in Object Oriented Programming

- Is the code DRY (no duplicated blocks of code)?
- Are named constants used instead of repeated literal constants?
- Is code that does computation or logical operations separated into its own class instead of being added to the code-behind?
- Are all instance variables private?
- Are local variables used instead of instance variables wherever possible?
- Does each method do just one thing (no “Swiss Army” methods)?
- Are classes “loosely coupled” and “highly coherent”?