Workshop 2 Peer review for ej222ru

Architecture:

There is a model view separation!

The model is not dependent on the view.

There are no domain rules in the user interface.

We think that the code standard is very good, there is very little duplication and the naming is clear and readable.

The only thing that we find less good is that the primary key in the database is being used when selecting a member, one requirement was that we should use associations that aren't primary or foreign keys. Otherwise it's very well implemented and object oriented application.

As a developer would the diagrams help you and why/why not?

The sequence diagrams shows the procedure in the application very well. So they would be helpful.

What are the strong points of the design/implementation, what do you think is really good and why?

Good code standard and it's a well written application, follows MVC, GRASP and and object oriented design. It's easy to read and the dependencies between classes are well shown.

What are the weaknesses of the design/implementation, what do you think should be changed and why?

As mentioned above, the primary key to select a member isn't optimal. You could instead load the members into a list and select the object from a list, as an example using list.ElementAt(int). You could also perhaps have the DLL classes as fields in the controller, to further clarify that they're being used. Otherwise you can only see that in the methods that actually use them.

Do you think the design/implementation has passed the grade 2 criteria?

Yes, definitely.