# Testing Case Study Analysis

## Group Information

Your Name:

Group members that you discussed this case with:

## Instructions

Each person should individually answer each of the following questions. Your responses should be thorough and contain sufficient detail to show your understanding of the issues at hand. Be sure to include specific references to items from the case study reading to support your decisions. This likely cannot be done in fewer than 2 paragraphs per question.

## Questions

1. In an ideal world with no schedule or budget constraints, what types of functional and non-functional testing (include at least three of each) do you think should be done on the Radiant Shutters project? For each type of testing that you list, describe the potential kinds of bugs in this project might it uncover in this project?

2. If you could choose to have Jessie complete 100% code coverage through unit and integration tests, or to have Brice complete 100% coverage of detailed system requirements through user acceptance testing, which would you choose and why? (An excellent response will not only provide rationale for the choice, but also demonstrate an understanding of its limitations as well.)

3. When Brice agreed to take the bulk of the testing responsibility, Jessie felt that being a good enough coder and being precise enough would mitigate the need for robust testing. What are the fallacies in that conclusion? (An excellent response will recognize the value of quality processes in development, but also demonstrate why they are insufficient.)

4. Assume that you are now Jessie. At the end of the case, you are faced with a very difficult situation, being told to stop development, but also knowing that the code will be used despite known areas of vulnerability or technical debt.

A) What are 4 possible actions you could take? For each one, list the risks associated with that action (technical, reputational, or other risks).

B) Which of these actions would you take and why? (Remember to answer as if you were Jessie.)