ANALYSIS AND DESIGN QUESTIONNAIRE

Name: __________________  Project: ______________  Class: _____

Your responses to this questionnaire will in no way affect the grade you will get on your project. However, every team member who worked on the project is expected to independently fill out this questionnaire and turn it in with the project.

1.) Academic standing (freshmen, sophomore, junior, senior, graduate)? _____________

2.) Curriculum (Computer Science, Computer Engineering, or list other)? ______________

3.) Excluding this one, how many programming classes (defined as a class that required you to code some significant software project) have you taken in college? _____________

4.) How many semesters (including summer employment) have you co-oped or held at least a part-time job as a software developer/programmer. If you worked full time, count each semester of work as 1. _____________

5.) Have you ever used any other analysis methodology? If yes, list them below.

6.) Have you ever used any other design methodology (either object-oriented or non-object-oriented)? If yes, list them below.

7.) What other programming languages (either object-oriented or non-object-oriented) other than Java have you used? Please list them below and rate your proficiency with each by using 1=very proficient, 2 = somewhat proficiency, and 3=just learning.
Please circle a number, from 1 to 5, corresponding to your best answer for each question below.

1) The analysis has sufficient detail of user intentions to unambiguously represent the user and what he or she expects from the system.

   1 2 3 4 5   
   strongly agree mostly agree don’t know mostly disagree strongly disagree

2) Using the analysis methodology did not help me understand the problem domain (the users and their needs).

   1 2 3 4 5   
   strongly agree mostly agree don’t know mostly disagree strongly disagree

3) The analysis does not have parts that would be reusable in a similar project.

   1 2 3 4 5   
   strongly agree mostly agree don’t know mostly disagree strongly disagree

4) The design is clearly defined so that a programmer could understand it.

   1 2 3 4 5   
   strongly agree mostly agree don’t know mostly disagree strongly disagree

5) The analysis methodology is unnecessarily complex.

   1 2 3 4 5   
   strongly agree mostly agree don’t know mostly disagree strongly disagree

6) The design methodology promoted reuse.

   1 2 3 4 5   
   strongly agree mostly agree don’t know mostly disagree strongly disagree

7) The design has sufficient object detail for a programmer to build an effective object-oriented software system.

   1 2 3 4 5   
   strongly agree mostly agree don’t know mostly disagree strongly disagree

8) Developing a functional requirements model for the project was straightforward using the provided methodology.

   1 2 3 4 5   
   strongly agree mostly agree don’t know mostly disagree strongly disagree
9) The analysis has sufficient detail to unambiguously represent functional requirements of the system.

<table>
<thead>
<tr>
<th>Strongly Agree</th>
<th>Mostly Agree</th>
<th>Don’t Know</th>
<th>Mostly Disagree</th>
<th>Strongly Disagree</th>
</tr>
</thead>
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10) Developing an object model for the project was straightforward using the provided methodology.

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<tr>
<th>Strongly Agree</th>
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<th>Don’t Know</th>
<th>Mostly Disagree</th>
<th>Strongly Disagree</th>
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</thead>
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11) The analysis and design methodology was easy to understand.

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<tr>
<th>Strongly Agree</th>
<th>Mostly Agree</th>
<th>Don’t Know</th>
<th>Mostly Disagree</th>
<th>Strongly Disagree</th>
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</table>

12) The design does not have sufficient detail such that a programmer could use it to create an effective user interface that meets user expectations.

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<tr>
<th>Strongly Agree</th>
<th>Mostly Agree</th>
<th>Don’t Know</th>
<th>Mostly Disagree</th>
<th>Strongly Disagree</th>
</tr>
</thead>
</table>

13) Time could have been better spent learning to program than learning the analysis and design methodology.

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<thead>
<tr>
<th>Strongly Agree</th>
<th>Mostly Agree</th>
<th>Don’t Know</th>
<th>Mostly Disagree</th>
<th>Strongly Disagree</th>
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</thead>
</table>

14) The analysis and design methodology was difficult to learn.

<table>
<thead>
<tr>
<th>Strongly Agree</th>
<th>Mostly Agree</th>
<th>Don’t Know</th>
<th>Mostly Disagree</th>
<th>Strongly Disagree</th>
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15) Using the analysis methodology did not help me understand the requirements of the system.

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<th>Strongly Agree</th>
<th>Mostly Agree</th>
<th>Don’t Know</th>
<th>Mostly Disagree</th>
<th>Strongly Disagree</th>
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16) Developing a user and problem domain model for this design was straightforward using the provided methodology.

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<thead>
<tr>
<th>Strongly Agree</th>
<th>Mostly Agree</th>
<th>Don’t Know</th>
<th>Mostly Disagree</th>
<th>Strongly Disagree</th>
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</table>

17) The analysis promoted reuse.

<table>
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<tr>
<th>Strongly Agree</th>
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<th>Mostly Disagree</th>
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</thead>
</table>
ANALYSIS AND DESIGN QUESTIONNAIRE

Please circle a number, from 1 to 5, corresponding to your best answer for each question below.

18) I am confident that I can apply the analysis and design methodology to other projects.

1 2 3 4 5
strongly agree mostly agree don’t know mostly disagree strongly disagree

19) The analysis methodology was unnecessarily complex.

1 2 3 4 5
strongly agree mostly agree don’t know mostly disagree strongly disagree

20) The design does not have sufficient detail for a programmer to implement the project.

1 2 3 4 5
strongly agree mostly agree don’t know mostly disagree strongly disagree

21) Using the analysis and design methodology did not help me understand the software system.

1 2 3 4 5
strongly agree mostly agree don’t know mostly disagree strongly disagree

22) The design did not produce parts reusable in a similar project.

1 2 3 4 5
strongly agree mostly agree don’t know mostly disagree strongly disagree

23) Using the analysis and design methodology helped us to develop a better software product than if we had not used the analysis and design methodology.

1 2 3 4 5
strongly agree mostly agree don’t know mostly disagree strongly disagree

24) Learning the analysis and design methodology was worthwhile.

1 2 3 4 5
strongly agree mostly agree don’t know mostly disagree strongly disagree

25) The analysis and design methodology is appropriate for the size of your software project? (Circle one of the following three responses).

Yes Don’t Know No

The analysis and design methodology is appropriate for projects larger than the size of your project

Yes Don’t Know No

The analysis and design methodology is appropriate for projects smaller than the size of your project

Yes Don’t Know No
ANALYSIS AND DESIGN QUESTIONNAIRE

26) What did you like best about the analysis and design methodology? (Be specific and include strengths.)

27) What did you like least about this analysis and design methodology? (Be specific and include weaknesses you found in the methodology.)

28) What do you think is lacking, if anything, in your design?