



## Lab 8: CS 370 Software Engineering

Team#: 9

Team Project Title: BookQ

|   | First Name | Last Name | CSUSM account ID | Contribution Percentage |
|---|------------|-----------|------------------|-------------------------|
| 1 | Brian      | King      | king264          | 25%                     |
| 2 | Oluwatobi  | Badejo    | badej001         | 25%                     |
| 3 | Jessica    | Hernandez | herna579         | 25%                     |
| 4 | Reece      | Harris    | harri369         | 25%                     |

### Grading Rubrics (for instructor only):

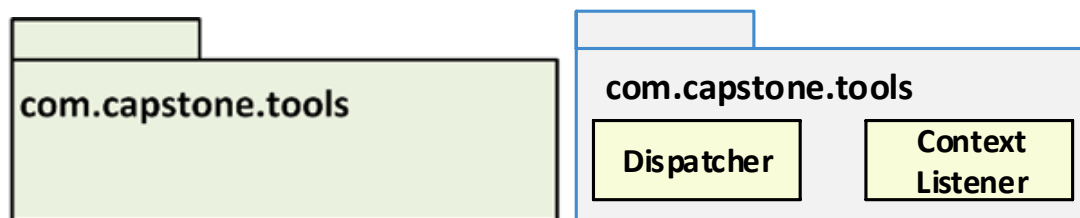
| Criteria                     | 1. Beginning                     | 2. Developing                        | 3. Proficient  | 4. Exemplary  |
|------------------------------|----------------------------------|--------------------------------------|--|---|
| Architecture Appropriateness | 0-16                             | 16-26                                | 27-34  | 35-40   |
|                              | Incorrect architectural decision | Need major changes                   | Need minor adjustment  | The picked architecture style(s) is appropriate         |
| Documentation notations      | 0-5                              | 6-9                                  | 10-14  | 15-20   |
|                              | Used wrong notations             | Need major changes                   | Some minor issues  | Used standard notations                                 |
| Architecture design quality  | 0-16                             | 16-26                                | 27-34  | 35-40   |
|                              | Missing important elements       | Information provided is insufficient | Information provided is at appropriate mostly with Some minor issues | Information provided is at appropriate level of details |

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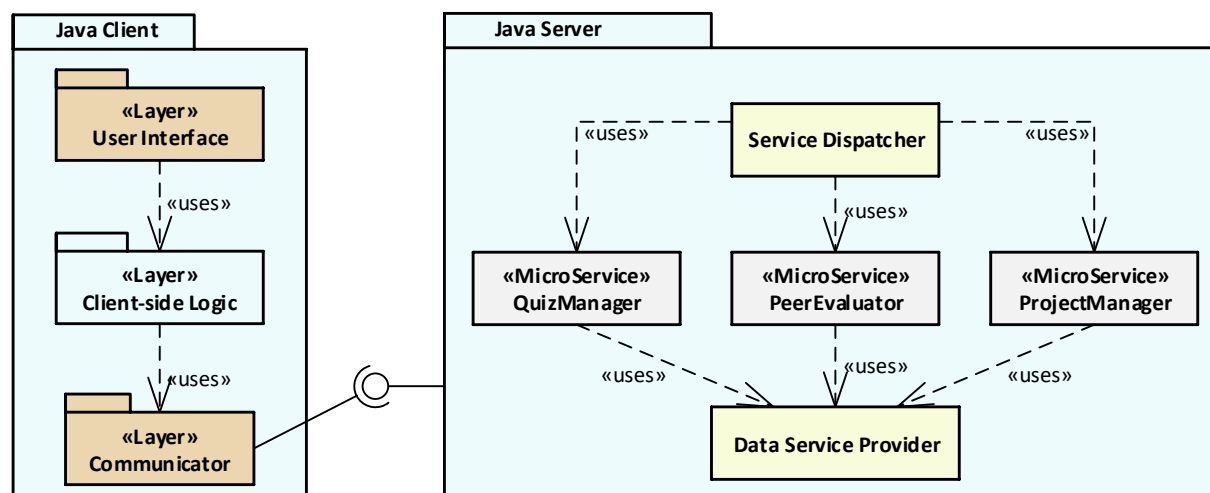
Total Grade (100)

### Problems:

- **Project Progress monitor: Requirements (50%), Code (10%).**
- We have learned a few software architectures. Your team should work together to discuss which architecture might be appropriate for your project.
- We have learned three different documentation styles for documenting software system architecture. **A level-2 design in UML package diagram should expose the next level design elements pertinent to the top-level package.** For example, in the figures below, the design on the left only shows the top-level package, whereas the diagram on the right exposes level-2 design elements.



An example of level-2 design is shown below, where the uses-style is used.



Use a UML package diagram to document the module view of your level-2 design of system architecture.



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### Instructions:

- Use the **Lucid tool** as part of your Canvas account to **create the solution and export it as PDF**.
- Please **upload** your solution in PDF to this graded assignment.
- **One submission from each team.**