Design Decision

Each major design decision and each significant design change should be documented. In thinking through each design change, it is important to identify the design problem, consider and weigh alternatives, and be able to justify your design decision in terms of overall design goals such as extensibility and efficiency.

Check one:
- [ ] Original design decision
- [ ] Design change

1) Design Problem: (Provide a clear and concise description of the design problem.)

2) Alternatives: (Describe at least two design alternatives, labeled A, B, etc., for solving the problem.)

3) Evaluation: (Identify the most important advantages/disadvantages of each design alternative.)

4) Decision: (State your decision and any additional justification not mentioned above.)