**Metaphor/Architecture Specification Template**

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| Student |  | Date |  |
| Program |  | Program # |  |
| Instructor |  | Language |  |

|  |  |
| --- | --- |
| **Design** |  |
| **References** |  |
|  |  |
|  |  |
|  |  |

**Graphical representation of the metaphor**

**Textual representation of metaphor**

Metaphor/Architecture Specification Template Instructions

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| Purpose | * To contain the metaphor for a program, component, or system * To enable precise, rapid and complete design understanding * To facilitate thorough design and implementation reviews and inspections |
| General | * Use this template to document the program’s high-level metaphor. * The metaphor could be based in common programming patterns as MVC, or architectural styles as tree layer design, client-server, or inversion of control frameworks * After implementation and testing, update the template to reflect the actual implemented product. * Use plain language and avoid using programming instructions wherever practical. |
| Header | * Enter your name and the date. * Enter the program name and number. * Enter the instructor’s name and the programming language you are using. |
| Design References | List the references used to produce the program’s logical design.   * the Operational, Functional, and State templates * the program’s requirements * any other pertinent source |
| Graphical representation of the metaphor/Architecture | * Create a graphical representation of the main program parts and its interactions * Use clear names for each part * Use edges with arrows to show interactions * Use descriptive names for the interactions |
| Textual representation of metaphor | * Use text to describe the main idea and metaphor used in your design * Describe the graphical representation using common language |