## **Architecture Styles Worksheet**

| System/P                  | roject:          |         |                  |             |               |               |                  |              |             |
|---------------------------|------------------|---------|------------------|-------------|---------------|---------------|------------------|--------------|-------------|
| Architect/Team:           |                  |         |                  |             |               |               |                  | Date:        |             |
| Selected Architecture(s): |                  |         |                  |             |               |               |                  |              |             |
|                           |                  | layered | modular monolith | microkernel | microservices | service-based | service-oriented | event-driven | space-based |
|                           | agility          | *       | **               | ***         | ****          | ***           | *                | ***          | **          |
|                           | abstraction      | *       | *                | ***         | *             | *             | ****             | ***          | *           |
|                           | configurability  | *       | *                | ****        | ***           | **            | *                | **           | **          |
|                           | cost             | ****    | ****             | ****        | *             | ***           | *                | ***          | **          |
|                           | deployability    | *       | **               | ***         | ****          | ****          | *                | ***          | ***         |
|                           | domain part.     | *       | ****             | ****        | ****          | ****          | *                | *            | ****        |
|                           | elasticity       | *       | *                | *           | ****          | **            | ***              | ***          | ****        |
|                           | evolvability     | *       | *                | ***         | ****          | ***           | *                | ****         | ***         |
|                           | fault-tolerance  | *       | *                | *           | ****          | ***           | ***              | ****         | ***         |
|                           | integration      | *       | *                | ***         | ***           | **            | ****             | ***          | **          |
|                           | interoperability | *       | *                | ***         | ***           | **            | ****             | ***          | **          |
|                           | performance      | ***     | ***              | ***         | **            | ***           | **               | ****         | ****        |
|                           | scalability      | *       | *                | *           | ****          | ***           | ***              | ****         | ****        |
|                           | simplicity       | ****    | ****             | ***         | *             | ***           | *                | *            | *           |
|                           | testability      | **      | **               | ***         | ****          | ***           | *                | **           | *           |
|                           | workflow         | *       | *                | **          | <b>★</b>      | <b>→</b>      | ****             | ****         | <b>★</b>    |