**Final Project: Basic System Design for Crusty Muse Bakery**

Instructions: Use this template to complete the tasks in this project.

**Task 1: Basic system analysis**

**A: Identify key stakeholders**

|  |  |
| --- | --- |
| **Stakeholder** | **Role** |
|  |  |
|  |  |
|  |  |
|  |  |

**B. Identify the system components**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use case** | **Input (what goes into the system)** | **Process (what the system does with the input)** | **Output (what comes out of the system)** |
| Status confirmation email to the customer |  |  |  |

**Task 2: Select an SDLC model**

|  |  |
| --- | --- |
| **Choice of SLDC model** |  |
| **Reason** |  |

**Task 3: Select the architecture pattern**

|  |  |
| --- | --- |
| **Choice of architecture pattern** |  |
| **Reason** |  |

**Task 4: Complete a basic system diagram**

|  |  |
| --- | --- |
|  | **Component** |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |

**Task 5: Document your progress in the project**

**Project summary**

|  |  |
| --- | --- |
| **Business problem** |  |
| **System Goal** |  |
| **Technical choices** | |
| **SDLC Model** |  |
| **Reason for the choice** |  |
| **Architecture pattern** |  |
| **Reason for the choice** |  |