CSCE 740 - Individual Requirement Template

- **Requirement ID:** Unique identifier
- **Requirement Description:** The requirement, followed by its specification.
- **Rationale:** Context that explains why this requirement was included.
- **Inputs:** If this is a functional requirement that describes an operation, describe the input that must be provided.
- **Outputs:** If this is a functional requirement that describes an operation, describe the output that must be provided.
- **Persistent Changes:** If this is a functional requirement that describes an operation, describe any changes to system state that will persist following this operation.
- **Related Requirements and Use Cases:** Refer to the IDs of any related requirements or use cases.
- **Test Cases:** Tests that can be used to show that the requirement is met.