



**1. Requirements :**

**Importance:** Foundation of the project. Defines what needs to be achieved.

**Interconnects with:** Design phase to ensure alignment with user needs.

**2. Design :**

**Importance:** Translates requirements into a technical blueprint.

**Interconnects with:** Requirements phase to validate feasibility and relevance.

**3. Implementation :**

**Importance:** The actual coding and development phase.

**Interconnects with:** Design phase for guidance and clarity.

**4. Testing :**

**Importance:** Verifies that the product meets requirements and functions correctly.

**Interconnects with:** Implementation phase to identify and rectify defects.

**5. Deployment :**

**Importance:** Release and integration of the software into the operational environment.

**Interconnects with:** Testing phase to ensure readiness for deployment.

