

## Process Overview: Development/ Build

This Process describes the actual coding and unit testing by the developer(s) .This process is performed primarily by the Developer (s).

**Note: The Project Manager oversees the overall process.**

### Development/Build Inputs and Outputs

<p><b><u>Entry Criteria:</u></b></p> <ul style="list-style-type: none"> <li>• Completed Design Phase</li> </ul>	<p><b><u>Inputs:</u></b></p> <ul style="list-style-type: none"> <li>• Approved Functional Specification (FSD)</li> <li>• Completed Technical Design Document (TDD)</li> <li>• Project Work Plan</li> <li>• <b>Test Plan</b></li> <li>• <b>Use Cases</b></li> <li>• <b>Traceability Matrix</b></li> </ul>	<p><b><u>Participants:</u></b></p> <ul style="list-style-type: none"> <li>• Developer</li> <li>• QA (Tester)</li> <li>• Subject Matter Experts</li> <li>• Technical Lead</li> <li>• <b>PM</b></li> <li>• <b>BA</b></li> </ul>
<p><b><u>Process Steps:</u></b></p> <ol style="list-style-type: none"> <li>1. Developer starts coding (BA and SME needed for requirements verification if necessary)</li> <li>2. Developer successfully completes Unit Testing</li> <li>3. Technical Lead completes Code Review</li> <li>4. Project Manager coordinates the setup of the testing environment</li> <li>5. BA updates Use Case (if applicable)</li> <li>6. BA updates Traceability Matrix (if applicable) with the assistance of the Tech Lead</li> <li>7. QA creates Test Cases</li> </ol>		
<p><b><u>Outputs:</u></b></p> <ul style="list-style-type: none"> <li>• Complete Code Review</li> <li>• Complete Testing environment setup</li> <li>• Updated Traceability Matrix</li> <li>• Test Cases</li> </ul>	<p><b><u>Exit Criteria:</u></b></p> <ul style="list-style-type: none"> <li>• Development Complete and all test cases passed.</li> <li>• Complete Code review</li> <li>• Environment Readiness for testing.</li> </ul>	