

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