

# LAB SYSTEMS PROJECT WORKSTREAMS

	INCEPTION PHASE		DESIGN PHASE		IMPLEMENTATION PHASE		RELEASE PHASE	SUPPORT PHASE		
	ANALYSIS		PROTOTYPE							
WORKSTREAMS	TIME								ROLES (OWNER IS BOLDED)	
Business Modeling	<ul style="list-style-type: none"> <li>Laboratory Analysis</li> <li>Business Process Diagrams</li> </ul>								<ul style="list-style-type: none"> <li><b>Business Analyst</b></li> <li>SME</li> </ul>	
Requirements	<ul style="list-style-type: none"> <li>User Requirements</li> </ul>	<ul style="list-style-type: none"> <li>Use Cases</li> <li>System Process Diagrams</li> <li>Functional Requirements</li> </ul>	<ul style="list-style-type: none"> <li>System Design Documentation</li> </ul>						<ul style="list-style-type: none"> <li><b>Business Analyst</b></li> <li>SME</li> <li>Technical Manager</li> </ul>	
Configuration / Build		<ul style="list-style-type: none"> <li>Implementation Plan</li> </ul>	<ul style="list-style-type: none"> <li>Iterative Prototype</li> </ul>	<ul style="list-style-type: none"> <li>Build Out System</li> <li>Development Testing (unit &amp; integration)</li> <li>Business Acceptance</li> </ul>			<ul style="list-style-type: none"> <li>Make System Changes (Change Control)</li> </ul>		<ul style="list-style-type: none"> <li><b>Technical Manager</b></li> <li>System Architect</li> <li>Developer</li> <li>System Administrator</li> <li>SME</li> </ul>	
Integration		<ul style="list-style-type: none"> <li>Integration Plan</li> </ul>	<ul style="list-style-type: none"> <li>Messaging Protocols</li> </ul>	<ul style="list-style-type: none"> <li>Instrument &amp; Application Integration</li> </ul>	<ul style="list-style-type: none"> <li>Site Customization</li> </ul>		<ul style="list-style-type: none"> <li>Start System Messaging</li> </ul>	<ul style="list-style-type: none"> <li>I/O Monitoring</li> <li>Enterprise Change Board</li> </ul>	<ul style="list-style-type: none"> <li><b>Technical Manager</b></li> <li>System Architect</li> <li>Developer</li> <li>System Administrator</li> </ul>	
Deployment			<ul style="list-style-type: none"> <li>Release Plan</li> </ul>		<ul style="list-style-type: none"> <li>Site Preparation</li> </ul>		<ul style="list-style-type: none"> <li>Deploy to Site</li> </ul>	<ul style="list-style-type: none"> <li>Upgrades/Patches</li> </ul>	<ul style="list-style-type: none"> <li><b>Technical Manager</b></li> <li>Project Manager</li> <li>IT Infrastructure</li> </ul>	
Validation / Testing		<ul style="list-style-type: none"> <li>Traceability Matrix</li> <li>Validation Plan</li> <li>Risk Assessment</li> </ul>			<ul style="list-style-type: none"> <li>Test Execution</li> </ul>				<ul style="list-style-type: none"> <li><b>Validation Manager</b></li> <li>Quality Tester</li> <li>SME</li> <li>IT</li> <li>Technical Manager</li> </ul>	
Data Migration			<ul style="list-style-type: none"> <li>Data Migration Plan</li> <li>Data Migration Requirements</li> </ul>	<ul style="list-style-type: none"> <li>Test Plan(s)</li> <li>Test Scripts (IQ, OQ, PQ)</li> </ul>	<ul style="list-style-type: none"> <li>Load Data</li> <li>Data Migration Design Spec.</li> <li>Data Migration Test Scripts</li> </ul>	<ul style="list-style-type: none"> <li>Data Load Test Execution</li> <li>Load Verified Objects</li> </ul>	<ul style="list-style-type: none"> <li>Validation Summary Report</li> </ul>	<ul style="list-style-type: none"> <li>Site Data Load and Verification</li> </ul>	<ul style="list-style-type: none"> <li><b>Data Architect</b></li> <li>Data Analyst</li> <li>Database Administrator</li> <li>SME</li> </ul>	
Training				<ul style="list-style-type: none"> <li>Training Plans</li> </ul>	<ul style="list-style-type: none"> <li>Training Materials</li> </ul>	<ul style="list-style-type: none"> <li>Training Prep</li> </ul>	<ul style="list-style-type: none"> <li>Train Users</li> </ul>		<ul style="list-style-type: none"> <li><b>Trainer</b></li> </ul>	
SOPs				<ul style="list-style-type: none"> <li>SOP Gap Analysis</li> </ul>	<ul style="list-style-type: none"> <li>SOP Development</li> </ul>				<ul style="list-style-type: none"> <li><b>Business Analyst</b></li> <li>SME</li> <li>QA Documentation</li> </ul>	
Project Management	<ul style="list-style-type: none"> <li>Project Planning</li> <li>Vision, Strategy, Scope</li> <li>Vendor Selection</li> <li>Business Justification</li> <li>Capital Requisition</li> <li>Budget</li> <li>Resource Allocation</li> </ul>	<ul style="list-style-type: none"> <li>Project Status, Project Risk Mitigation, Project Communications, Project Schedule</li> </ul>								<ul style="list-style-type: none"> <li><b>Project Sponsor</b></li> <li>Business Owner</li> <li>Project Manager</li> </ul>
IT/Infrastructure		<ul style="list-style-type: none"> <li>System Architecture Definition</li> </ul>	<ul style="list-style-type: none"> <li>Purchase Components</li> </ul>	<ul style="list-style-type: none"> <li>Install Environment: Development</li> </ul>	<ul style="list-style-type: none"> <li>Install Systems Architecture</li> </ul>	<ul style="list-style-type: none"> <li>Install Environments: (e.g., Test)</li> </ul>	<ul style="list-style-type: none"> <li>Performance Testing / Monitoring</li> <li>Hardware Optimization</li> <li>Network Optimization</li> </ul>	<ul style="list-style-type: none"> <li>Install Environments: Production</li> </ul>	<ul style="list-style-type: none"> <li>Troubleshooting</li> <li>SLA Support</li> </ul>	<ul style="list-style-type: none"> <li><b>IT / Infrastructure</b></li> <li>Network Administrator</li> </ul>
Change and Configuration Management	<ul style="list-style-type: none"> <li>Pre-Production Change Management Plan</li> </ul>	<ul style="list-style-type: none"> <li>Configuration Management Procedure</li> </ul>			<ul style="list-style-type: none"> <li>Production Change Management Plan</li> </ul>				<ul style="list-style-type: none"> <li>Modifications &amp; Enhancements</li> <li>Metrics Report</li> <li>Release Management</li> </ul>	<ul style="list-style-type: none"> <li><b>QA Documentation</b></li> <li>Technical Manager</li> <li>Validation Manager</li> <li>System Manager</li> <li>Configuration Manager</li> </ul>
QA	<ul style="list-style-type: none"> <li>QA Oversight, Review and Approvals</li> <li>Vendor Audit</li> </ul>								<ul style="list-style-type: none"> <li><b>QA</b></li> </ul>	