

Major Milestones

Metrics of Quality

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Planning Customer Needs Stakeholders Team Setup One page summary Benchmarking Initial Spec Project plan	Verified by Customer All have had input Roles Assigned Multiple Source Research Matches CNs and ERs	Setting Norms and Values
SDR Functional Decomposition Concept options/models Concept Selection Final Spec System Model/Design Timing Diagram (Timeline of Tasks) Risk Analysis	Not Solution-driven Brainstormed Ideas for Each Function Several Good Ideas Investigated Matches Customer Needs and Engineering Requirements Well-organized Back-up Plans for Each Function	All Functions Broken Down Completely
DDR HW/SW Design BOM Assembly Process Test Plan Budget and POs	Practice presentation to customer Spec sheets collected in one easy source Plan is set to test all functionalities of the product	Accounts for improper use
Staging SW Coding /Testing Component Inspection User Documentation	Coding does what is required without fail Easy to comprehend by a child/people of various cultures	Picture-based
Full Function Demo System Assembly Full Exercise Problem Management/Debug System Demo Quality Assessment	Start as early as possible Functions without issues of any type Matches Quality specified by customer	
Testing Execute Test Plan Data Collection System Modification and Data Reconciliation	Follow planned testing methods Unbiased testing data Well-defined Data Expectations	No Drastic Changes Between Desired/Expected

Reporting Final Paper Imagine RIT Demo Poster Lessons Learned Final Presentation	Peer and Guide reviewed Suggestions for Future Captures entirety of Project	
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