<Lifecycle Project Manager>
Software Development Plan

1. Introduction

Companies may need to design and organize Lifecycle documents when they need to create and manage software products, machinery, or some other product needing formal documentation. Software solutions currently available are very useful, but are limited and some applications very complicated for a novice computer user. The Lifecycle Project Manager in development will serve as a low-cost, reliable solution to this problem.

2. Project Organization

2.1 Organizational Structure

Project is being supervised by Michael Grimley of Naval Undersea Warfare Center, Newport, who is responsible for overseeing product development and deployment.

University of Massachusetts, Dartmouth, is the second review authority. Jan Bergandy and Brett Hannan act as proctors for learning and utilizing the software development process.

2.2 External Interfaces

This product doesn't make use of any external interfaces.

2.3 Roles and Responsibilities

Person	**Rational Unified Process Role**
Michael Grimley, NUWC, Project Advisor Jan Bergandy, UMASS, Project Advisor Brett Hannan, UMASS, Project Advisor	Project Manager Deployment Manager Requirements Reviewer Architecture Reviewer Configuration Manager Change Control Manager
Jeremiah Butler, Project Lead	System Analyst Requirements Specifier User Interface Designer Software Architect Design Reviewer Test Manager Test Analyst

Peter M, Team Member Aria U, Team Member Kevin Palmer, Team Member	Designer Implementer Code Reviewer Integrator Test Designer Tester Technical Writer

Anyone on the project can perform the activities performed by the RUP role called “Any Role”.

3. Project Schedule

Phase Iteration	**Primary Objective (risk/use cases addressed)**	**Scheduled Start/Stop**	**Effort Estimate (person days)**
Planning	Create Vision Document Start Modeling Use-cases Research new technology	Start Date: 9/13/2013 End Date: 10/20/2013	Estimate Completion Time: 20 hours Completion Time: 15 hours
Design	Update Vision Document Create Software Development Plan Create Software Requirement’s Specification	Start Date: 10/21/2013 End Date: 11/27/2013	Estimate Completion Time: 10 hours Current Completion Time: 5 hours Completion Time:
Creation	Implement new technologies Create XML Schema Create Requirements Traceability Matrix Create Prototype	Start Date: 11/27/2013 End Date: 3/14/2014	Estimate Completion Time: 25 hours Current Completion Time: 0 hours Completion Time:
Testing	Determine Completeness of the system Update as necessary	Start Date: 3/15/2014 End Date: 5/1/2014	Estimate Completion Time: 0 hours Current Completion Time: 0 hours

			Completion Time:

4. Project Resourcing

The project was ultimately assigned to four undergraduate students who are currently studying at the senior-level in a computer science degree program at UMASS. This team of four students was assigned by the project advisor at UMASS after receiving a project proposal from the NUWC Newport, dated August 23, 2013. The four designated computer science students are being advised by Prof. Jan Bergandy, who provides software related experiences with the students.

Special training required by the students will be provided by UMASS, along with specification and some elaboration of XML and other additional tools provided by Michael Grimley, of NUWC. This specialized training provided by NUWC will have a target date within the first few months of the project development.

5. Budget

NUWC shall provide all the equipment and materials necessary that are not currently supplied by UMASS in order for the students to design, create, and prototype the project during development.