

Senior Project

WBS Dictionary

Level	WBS Code	WBS Code	Definition
1	1	Park Finder Application	All work to create Park Finder Application.
2	1.1	Project Analysis and Project Plan	Work to begin project.
3	1.1.1	Project Analysis	Identify the project scope, project language and analysis of Project Needs.
4	1.1.1.1	Project Scope	To provide an application that will allow user to find, edit, search for local parks based on keywords.
4	1.1.1.2	Identify Language to Use	The project will be done in C#.
4	1.1.1.3	Analysis of Needs	FEMA provided to identify failure modes, effects and risk controls.
3	1.1.2	Project Plan	To provide project timeline, Team Roles and Work Breakdown Structure.
4	1.1.2.1	Project Timeline	To provide a project timeline.
4	1.1.2.2	Team Roles Assigned	Team Roles Assigned in google document will be included in final submission for each phase of development.
2	1.2	Project Architecture	To provide definitions, UML models, Architectural goals, use cases and process view of project.
3	1.2.1	Review Purpose and Scope of Project	To continue to refine the purpose and scope of project application and state team member roles for this phase of the project.
3	1.2.2	Definitions, Acronyms	Create a document to

		and Abbreviations Used	explain definitions, acronyms and abbreviations used on the project.
3	1.2.3	Updated Timeline	Review the current timeline to determine if project is on track or needs modification
3	1.2.4	UML Model	Create a UML model of the application.
3	1.2.5	Architectural Goals and Constraints	Provide documentation of key requirements and any constraints that have significant influence on the development and implementation of the project.
3	1.2.6	Use Cases	Provide documentation of use cases.
3	1.2.7	Architectural Overview	Provide the models and layering of the application system.
3	1.2.8	Process View	Provide diagram of modules and the flow of the application system.
2	1.3	Development Phase Report	This report will contain project description, software architecture, and testing plans.
3	1.3.1	Previously submitted documentation Review	Previously submitted project description, roles, overview, scope, constraints and use cases will be reviewed and updated as needed.
3	1.3.2	Testing Plans	Testing plans, approach, cases and schedule to be determined.
4	1.3.2.1	Testing Implementation	How will the testing be implemented and pass/fail criteria
4	1.3.2.2	Testing Features	What features of the application will be

			tested and test cases
4	1.3.2.3	Testing Schedule	Provide a test schedule
3	1.3.3	Software Architecture	Data requirements, security concerns, object design and user interface reviewed.
4	1.3.3.1	Data	Data requirements and data management to be explored and assessed.
4	1.3.3.2	Security	Security concerns reviewed and assessed.
4	1.3.3.3	User Interface	User interface and object design completed and reviewed by team.
2	1.4	Implementation and Testing Report	should include the key aspects of the testing and implementation phases.
3	1.4.1	Previously submitted documentation Review	Previously submitted project description, roles, overview, scope, constraints and use cases will be reviewed and updated as needed.
3	1.4.2	System Design	System design with class diagrams, implementation components, function descriptions and user interface for application.
4	1.4.2.1	Class Diagrams	Documentation showing the class diagrams.
4	1.4.2.2	Components and Functions	Documentation listing the program components and function descriptions.
4	1.4.2.3	User Interface	Documentation displaying user interface and functions.
3	1.4.3	Testing Data	Testing plan, phases, protocols, problems,

			data, conditions, participants, results and updates made from testing results.
4	1.4.3.1	Testing plan	Documentation of testing plan, phases and protocols to be used on application.
4	1.4.3.2	Testing Data	Documentation of testing conditions, data and participants.
4	1.4.3.3	Testing Results	Documentation of test results and any updates made as a result of the testing phase.
2	1.5	Software Update and Marketing	Strategy for software updates and marketing strategies for application
3	1.5.1	Software Update Strategy	Documentation of plans to provide software updates for the application.
3	1.5.2	Update Cycle	Documentation for the update cycle and considerations for updates to the application.
3	1.5.3	Marketing Strategies	Documentation for the marketing strategies, approach, and promotion of application.