

Why did we make our project?

- For senior design
- NUWC developers are using Word create lifecycle documents
- Track requirements throughout the different documents

What does it do?

- Stores lifecycle document in an xml format
 - Reference tag allows for tracking
- Transform XML to be viewable using XSLT
 - This can be defined by any number of stylesheets.
- OUR HTA APP
 - Create a new project
 - Create project file
 - Container file with team info and links to documents which make up the project
 - Name project files
 - Move onto open procedure
 - Open a new project
 - Browse for project file to open
 - Open all files contained within the project file
 - Makes fields editable
 - Find elements in the XML which should be editable
 - Make it apparent to the user that these values can be changed
 - Add or Remove options for each value
 - Write these changes into temporary storage
 - Allows user to save changes
 - Save temp changes to XML document
 - Allow these changes to be undone?
 - Show Requirements Traceability Matrix
 - Shows linking of requirements throughout documents
 - Must be able to be generated at any point of development
 - Allows user to export project
 - Export as a full project in HTML
 - Export documents individually as HTML
 - Export RTM as HTML

How does it do this?

- XML allows for markup of documents (Changes made, ID's, References)
- XSLT is used to transform the XML into a viewable documents
- Our Application
 - Allows for removal, creation, and editing of fields defined in our schema
 - Creates an RTM to better track requirements throughout the project