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