

Midterm Project

IT 402 / Systems Integration and Architecture 2 / Test Automation

Midterm Project

- Create a Test Plan and Test Cases for a web-based Capstone Project
- Capstone (or at least a part of it) should be Web-based (has HTML file).
- Alternatives for Capstone (if not web-based):
 - Project in Elective 5 (Python)
 - A simple website that is built from the ground up, and has CRUD features.
 - Create, Retrieve, Update, Delete
 - A past web project

Test Plan Guidelines

- Create a test plan for your chosen web-based project.
- The test plan is for a System Test level of testing.
- Test plan should conform to the IEEE 829 format for test plans
- See file: IEEE 829 template/format and sample

Test Cases Guidelines

- Create test cases for your chosen web-based project.
- The number of test cases should ideally cover all the features of the system under test.
 - It is recommended to use different techniques in determining the appropriate number of test cases for your system, such as: Equivalence Partition, Boundary Value Analysis, Use Case Testing, State Transition Testing, Decision Tables, etc.
- Test cases should be a combination of manual and automated test cases.
- Test cases need not to be executed/implemented. Execution of test cases will be part of your final project.