Domain Testing

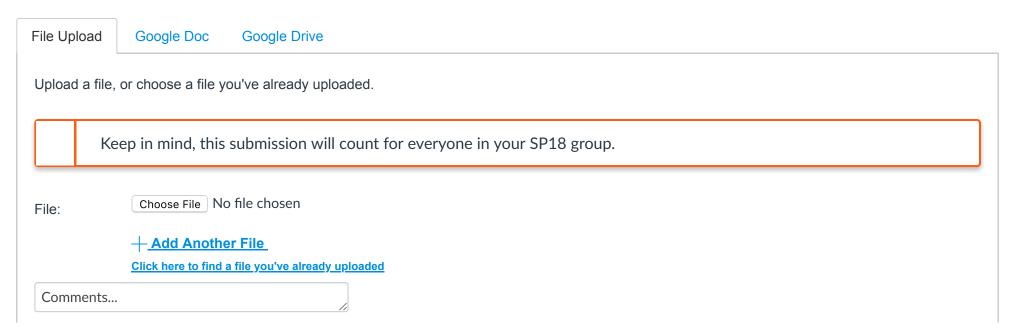**Due** Sunday by 11:59pm   **Points** 100   **Submitting** a file upload   **File Types** pdf

Available Jan 23 at 12am - May 23 at 11:59pm 4 months

Select an implementation unit for testing. This unit should have a reasonable number of conditionals in order to have a meaningful graphical representation of domains. See example in the textbook/slides for comparison.

Draw the boundaries representing domains in the unit under test. Label domains and boundaries meaningfully.

Denote predicates that define each domain.

Define a testing strategy you could adopt and create test cases that would test various types of domain errors discussed in the class. Present your test cases in the form of an Oracle, of course!

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> Keep in mind, this submission will count for everyone in your SP18 group.

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Some Rubric

Criteria	Ratings			Pts
Domain Depiction *Unit to test is well selected, code well documented, has a reasonable set of predicates, Predicates are listed and are understandable.*	30.0 pts Excellent	15.0 pts Average	0.0 pts Late/Poor	30.0 pts
Domain Diagram *The diagram is clearly labeled and is understandable at a glance.*	30.0 pts Excellent	15.0 pts Average	0.0 pts Late/Poor	30.0 pts
Testing Oracle *The testing strategy is clearly stated, test cases are representative and test all categories discussed in class.*	30.0 pts Excellent	15.0 pts Average	0.0 pts Late/Poor	30.0 pts
Presentation *Overall, the presentation is clear, neatly presented and has no grammatical errors.*	10.0 pts Excellent	3.0 pts Average	0.0 pts Late/Poor	10.0 pts
				Total Points: 100.0