CS 4501/6501: In-class 6
ISP Coverage Criteria
28-Sep-2017

Names:

Purpose: Practice input space testing, apply ISP coverage criteria
Instruction: Work with your neighbors in groups. Consider a small web app, `convert.php`, that allows users to convert measurement. Design IDM for the app and then write tests that satsifty Base Choice Coverage. Note: Try to keep your partitioning simple and choose a small number of partitions and blocks.

    1. List all of the input variables, including the state variables

    2. Define characteristics of the input variables. Make sure you cover all input variables

    3. Partition the characteristics into blocks

    4. Do all the partitions you design satisfy completeness and disjointness properties? If not, revise the partition(s)

5. Define values for each block

6. Write a set of test requirements that satisfies Base Choice Coverage Then, identify any infeasible test requirements you might have.

7. Write a test set (that satisfies Base Choice Coveage). Write your tests with the values from step 5. Reminder: each test case consists of test inputs and expected output.