1. Discuss State Transition Diagram.
   1. Choose Mealy or Moore State Model.
      1. Mealy model associates each state change with an event.
      2. Moore Model associates each output or action with a state.
      3. The general rule-of-thumb is a Moore model has more states.
2. Discuss State Transition Tree.
   1. All States should be represented by at least one node in the tree and all of its corresponding outgoing transitions are represented by branches in the tree.
3. Discuss Round-trip Test Suite.
   1. Walk through each path in the state transition tree and record each “leg” or edge of it in a table form.
   2. The table will constitute the round-trip test suite.
4. Discuss Documentation
   1. It has been added on the Git Repo as TestPlan2.0.
5. Discuss Requirements of ZIP
   1. (25 pts) Test Plan
   2. (25 pts) Completely specified state transition diagram
   3. (25 pts) Accurate state transition tree derived from the state transition diagram
   4. (25 pts) Complete round-trip test suite derived from the state transition tree
   5. (25 pts) Correct answers to questions