**Inspection Issue Log**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Project:** | **Turing Machine\_cpts322** | **Origin:** | **R**equirements, **D**esign, **I**mplementation, **T**esting |  |
| **Inspection ID: Team 1** | | **Type:** | **M**issing, **W**rong, **E**xtra, **U**sability, **P**erformance, |  |
| **Meeting Date(s): 9/23/14-9/25/14** | | **Severity:** | **S**tyle, **C**larity, **Q**uestion |  |
| **Recorder:** | Michael Degan, | **M**ajor, **m**inor |  |
|  | Daniel Martinez |  |  |  |

**Defects Found: 2 Major, 6 minor Defects Corrected: 0 Major 0 minor**

**Origin Type Severity Location Description**

1. R M M Throughout the document. Enumerate requirements
2. R E m Before Help command section Add section for

Instantaneous Description

1. R P,U M In Input String File section Undefined behavior

when no input string

file exists.

1. R M m In Definition File section Add section describing

reserved characters.

1. R C m In Tape Alphabet: Input section Reword “characters” in

Input/Tape Alphabet.

1. R P M In Delete/Run Command Section References to the input

string list should cause

errors on inter input of

less than or equal to 0 and

non-integer input.

1. D U m In Insert Command section Specify what occurs

with insert command

when no input is given.

1. D C m In View Command, but also The input description

throughout the document. needs to clarify that

the user needs to press

enter.

1. D C,Q m In Exit Command section Clarify that user is not

sent back to the OS but

more specifically to the

Console window.

1. D M M In PerformTransitions method Needs to add in a

requirement that if it is

unable to perform the

max number of transitions

on the string, it will reject

the string. Needs to add in

a requirement that if it

reaches the end of the

input string and is in one of

the final states of the TM,

it will accept the string.

1. D P M In RunTransitions method In the description of the

RunTransitions method

it should state that when

the end of an input string

has been reached and the

turing machine is not in a

final state, then the string

should be rejected. If the

end of an input string is

reached and the turing

machine is in a final state,

then it should be accepted.

1. R W M In Input String section Delete mention of user

entering full path of input

string file. The TMA should

only look for input string

files in the same path as the

executable.

***Copyright © 2001 by Karl E. Wiegers. Permission is granted to use, modify, and distribute this document***