# Application Manager System Test Plan

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## Introduction

To run the tests:

1. Right click on AppManagerGUI class in the Package Explorer
2. Select Run As > Java Application

All tests files are located in the test-files/ folder and the contents of the files used in testing are below:

*application\_records.txt*

## Test Files

\*1,Review,New,Application summary,,false,

-[Review] Note 1

\*3,Interview,Old,Application summary,reviewer,false,

-[Review] Note 1

-[Interview] Note 2

that goes on a new line

\*7,RefCheck,Old,Application summary,reviewer,true,

-[Review] Note 1

-[Interview] Note 2

-[RefCheck] Note 3

\*14,Waitlist,New,Application summary,,false,ReviewCompleted

-[Review] Note 1

-[Waitlist] Note 2

that goes on a new line

\*16,Offer,Old,Application summary,reviewer,true,

-[Review] Note 1

that goes on a new line

-[Interview] Note 2

-[RefCheck] Note 3

-[Offer] Note 4

\*15,Closed,Hired,Application summary,reviewer,true,OfferCompleted

-[Review] Note 1

that goes on a new line

-[Interview] Note 2

-[RefCheck] Note 3

-[Offer] Note 4

-[Closed] Note 6

## System Tests

Write at least 5 tests. We will grade the first five. Your tests should consider more complex scenarios than basic system startup and an invalid test file.

|  |  |  |  |
| --- | --- | --- | --- |
| Test ID | Description | Expected Results | Actual Results |
| Test 1: Loading a Valid Application File | Preconditions: None     1. Run AppManagerGUI 2. The user clicks on “File” and then on “Load” 3. In the user’s file manager they should then choose the file: test-files/application\_records.txt 4. Select “Open” 5. Check results | AppManager loads  The application pool should contain 6 applications with their ID, state, type, and summary:   * 1, Review, New, Application Summary * 3, Interview, Old, Application Summary * 7, RefCheck, Old, Application Summary * 14, Waitlist, New, Application Summary * 15, Closed, Old, Application Summary * 16, Offer, Old, Application Summary | You don’t need to fill this column out until P2P2! |