

# Train Travel Black Box Test Plan

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## Introduction

The Train Travel program is reservation system for train travelers that uses and created three different kinds of reservation types. The black box test plan describes tests for a file with incorrect formatting;

The program is started by running the TrainTravelUI class (as shown in the Design Proposal). If using Eclipse, first create a Run Configuration for the project by right clicking on TrainTravelUI and selecting Run > Run Configuration. Select the new configuration button in the upper left, Browse for the Train Travel project. The main class is edu.ncsu.csc216.solitaire.TrainTravelUI.

Under the Arguments tab in the Run Configuration window. The assumption is that all files will be stored under the top level of the Eclipse project. If so, you only need to enter the file name into the Program arguments text field.

Test ID	Description	Expected Results	Actual Results
fileDoesNotExist (Kavita Patel)	<p><b>Preconditions:</b> The file, <b>hello.txt</b>, does not exist.</p> <p>Enter <b>hello.txt</b> into the Program arguments text field under the Arguments tab of the Run Configurations window.</p> <p>Select the Run button.</p>	<p>Console output: <b>usage: java TrainTravelUI file</b></p> <p>Program ends execution.</p>	Java TrainTravelUI file
ReservationDoesNotExist (Kavita Patel)	<p><b>Preconditions:</b> Checking non-existent reservation.</p> <p>Enter guest name into the reservation system.</p> <p><b>Press / select search button.</b></p>	<p>Console output: <b>Invalid reservation</b></p> <p>Program ends execution.</p>	Invalid Reservation
NoSeatAvailable (Kavita Patel)	<p><b>Preconditions:</b> Creating reservation when no empty seat available.</p> <p>Press search button</p>	<p>Console output: No seats available</p> <p>Program ends execution.</p>	No seats available

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**Document Revision History**

Date	Author	Change Description
09-20-2017	Kavit Patel	<ul style="list-style-type: none"><li>Wrote fileDoesNotExist test and ReservationDoesNotExist test.</li></ul>
09-22-2017	Kavit Patel	<ul style="list-style-type: none"><li>Wrote noseatavalaible test and added description.</li></ul>