## BLACK BOX TEST PLAN

In this section, you must provide your black-box test plan with at least 5 black-box test cases.

## Make sure:

- ✓ You describe how to setup the system to begin black-box testing
- ✓ Test IDs are uniquely identified and descriptive
- ✓ Test descriptions are fully specified with complete inputs, specific values, and preconditions
  - Be sure to provide <u>SPECIFIC</u> INPUTs and VALUEs so that your test cases are repeatable
- ✓ Expected results are fully specified with specific output values
- ✓ All tests cover scenarios based on the problem statement
- ✔ All tests cover unique scenarios for the system
- ✓ All strategies for black-box testing are demonstrated in the tests (ECP, BVA, DT)

For BlackBox testing, we will use sample.csv and refer to a file that does not exist in the directory called invalid.txt.

```
START_DAY, END_DAY, COST, HOST_FIRSTNAME, HOST_LASTNAME, HOST_EMAIL

1,2,85, Jason, King, jtking@email.com

1,4,255, Sarah, Heckman, sheckman@email.com

2,5,220, Jessica, Schmidt, jschmidt@email.com

4,5,50, Suzanne, Balik, sbalik@email.com

2,3,65, David, Sturgill, dsturgill@email.com

3,5,90, Lina, Battestilli, lbattestilli@email.com

3,4,55, Jamie, Jennings, jjennings@email.com

1,5,500, Margaret, Heil, mheil@email.com

1,3,180, Toniann, Marini, tmarini@email.com

2,4,90, Ignacio, Dominguez, idominguez@email.com
```

Test ID	Description	Expected Results	Actual Results
Test 1:	Preconditions:	Pop-up displays	Pop-up displays
InvalidFile	The RentalManagerUI	message: "This is	message: "This is
invariar ne	program is ran	not a valid	
(DT - loading	program is run		not a valid
invalid file)	**The message "Please enter the	file. Try	file. Try
invaria mej	input file:" appears **	again"	again"
	impatine. appears	TIL (D)	TIL . ((D)
authors:	Steps:	The "Please enter the	The "Please enter
Marwah	1. Enter: invalid.txt	input file:" message	the input file:"
Mahate		appears again,	message appears
(msmahate)		prompting the user	again, prompting the
Bilal		to input a new file.	user to input a new
Mohamad			file.
(bmohama)			
Test 2:	Preconditions:	Pop-up displays	Pop-up displays
LoadValidFile	<ul> <li>The RentalManagerUI</li> </ul>	message: "Welcome	message: "Welcome
	program is ran	to the Rental	to the Rental
(ECP - loading	<ul><li>sample.csv exists</li></ul>	Manager!	Manager!
file)		To select an	To select an
	**The message "Please enter the	option, type	option, type
authors:	input file:" appears **	the first	the first
Marwah		letter of any	letter of any
Mahate	Steps:	of the listed	of the listed
(msmahate)	1. Enter: sample.csv	options:	options:
Bilal	2. Press the enter key	(C) heapest	(C) heapest
Mohamad		Rental Sequence	Rental Sequence
(bmohama)		(R)entals for a	(R)entals for a
		Specific Day	Specific Day
m . o	D 11.1	(Q) uit"	(Q) uit"
Test 3:	Preconditions:	RentalManagerUI	RentalManagerUI
LangaCtantDa	• Test 2 passed	displays:	displays:
LargeStartDa	Steps:	"The specified	"The specified
y	1. User chooses "C" option on UI.	start day (6)	start day (6) is larger than
(BVA - start	2. Inputs start day as 6	is larger than the maximum day	the maximum day
day is out of	end day as 5	in the input	in the input
allowed	Chu day as 3	data (5)."	data (5)."
boundary		data (J).	uala (J).
range)			
lange			
authors:			
	<u>L</u>	<u> </u>	

Marwah			
Mahate			
(msmahate)			
Bilal			
Mohamad			
(bmohama)			
Test 4:	Preconditions:	RentalManagerUI	RentalManagerUI
	<ul> <li>Test 2 passed</li> </ul>	displays:	displays:
AvailableRen	Steps:	Available	Available
tals	1. User chooses "R" option on	rentals for day	rentals for day
Cars	UI.	1 [	1 [
(ECP - load	2. Inputs day as 1	\$85.00	\$85.00
available	2. Iliputs day as 1	<u>'</u>	
		rental from day	rental from day
rentals from		1 to day 2	1 to day 2
day 1)		hosted by Jason	hosted by Jason
_		King	King
authors:		(jtking@email.c	(jtking@email.c
Marwah		om)	om)
Mahate		\$180.00	\$180.00
(msmahate)		rental from day	rental from day
Bilal		1 to day 3	1 to day 3
Mohamad		hosted by	hosted by
(bmohama)		Toniann Marini	Toniann Marini
		(tmarini@email.	(tmarini@email.
		com)	com)
		\$255.00	\$255.00
		rental from day	rental from day
		_	_
		1 to day 4	1 to day 4
		hosted by Sarah	hosted by Sarah
		Heckman	Heckman
		(sheckman@email	(sheckman@email
		.com)	.com)
		\$500.00	\$500.00
		rental from day	rental from day
		1 to day 5	1 to day 5
		hosted by	hosted by
		Margaret Heil	Margaret Heil
		(mheil@email.co	(mheil@email.co
		m)	m)
		]	]
Test 5:	Preconditions:	RentalManagerUI	RentalManagerUI
CheapRentalS	Test 2 passed	displays:	displays:
equence	Steps:		
- 4	1. User chooses "C" option on	Rental Total is	Rental Total is
	UI.	\$225.00 [	\$225.00 [
		\$85.00	\$85.00
	F	·	· ·
	end day as 5	rental from day	rental from day

(ECP - loads	1 to day 2	1 to day 2
cheap rental	hosted by Jason	hosted by Jason
sequences)	King	King
	(jtking@email.c	(jtking@email.c
	om)	om)
authors:	\$90.00	\$90.00
Marwah	rental from day	rental from day
Mahate	2 to day 4	2 to day 4
(msmahate)	hosted by	hosted by
Bilal	Ignacio	Ignacio
Mohamad	Dominguez	Dominguez
(bmohama)	(idominguez@ema	(idominguez@ema
	il.com )	il.com )
	\$50.00	\$50.00
	rental from day	rental from day
	4 to day 5	4 to day 5
	hosted by	hosted by
	Suzanne Balik	Suzanne Balik
	(sbalik@email.c	(sbalik@email.c
	om) ]	om)]