

Main.c Functions						
Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
checkValidTripNumber	1	The input is valid trip number and in capital letters	AE101	AE101	AE101	P
	2	The input is valid trip number and in small letters	ae101	ae101	ae101	P
	3	The input is invalid trip number	ae100	Enter Trip Number: ae100	Enter Trip Number:	P
	4	The input is a special character	!	Enter Trip Number:	Enter Trip Number:	P
	5	The input is any kind of number	101	Enter Trip Number:	Enter Trip Number:	P
	6	The input is a character or string	ae	Enter Trip Number:	Enter Trip Number:	P
initializeLoop	1	Integer Array Variables are initialize to 0	nCapacityNum[]	All the int array will be set to 0	All the int array will be set to 0	P

	2	Character Array Variable/s are initialize to null	allTrips[][16]	Character array will be set to null	Character array will be set to null	P
	3	Structure Variable is initialize to null and 0	passengerInfo[]	The structure will be set to null and 0	The structure will be set to null and 0	P
fixFileName	1	There are no inputs in the paramters		The function will not be called because the pre-condition needs an input to be put in the parameters	The function will not be called because the pre-condition needs an input to be put in the parameters	P
	2	There are valid inputs in the parameters		Trip-22-06-2022.txt	Trip-22-06-2022.txt	P
fileCreation	1	There is no passenger in the system with a trip number		File will not be created	File will not be created	P
	2	There is atleast one passenger in the system with a trip number		System will print all the passengers in the system in a txt file	System will print all the passengers in the system in a txt file	P
fileLoad	1	The user chose the function file load and EmbarkCard.txt file is created		[Trip-22-06-2022.txt] [SUCCESS] File is already loaded. Then, all the passengers information inside the embarkcard will be assigned to their respective trips	[Trip-22-06-2022.txt] [SUCCESS] File is already loaded. Then, all the passengers information inside the embarkcard will be assigned to their respective trips	P
	2	The user chose the function file load and EmbarkCard.txt file is not created		[EmbarkationCard.txt] [ERROR] File not found. [SUCCESS] File Created.	[EmbarkationCard.txt] [ERROR] File not found [SUCCESS] File Created.	P

	3	The user chose the function file load and past trip file is not created		[SUCCESS] Date is valid. [DATE ENTERED]: [Trip-22-06-2022.txt] [ERROR] File not found.	[SUCCESS] Date is valid. [DATE ENTERED]: [Trip-22-06-2022.txt] [ERROR] File not found.	P
	4	The user chose the function file load and past trip file is created		[SUCCESS] Date is valid. [DATE ENTERED]: [Trip-22-06-2022.txt] [SUCCESS] File is already loaded.	[SUCCESS] Date is valid. [DATE ENTERED]: [Trip-22-06-2022.txt] [SUCCESS] File is already loaded.	P
fileView	1	The past trip txt file is loaded		[Trip Number] - [AE153] [Embarkation Point] - [DLSU Laguna Campus] [Name] - [Maui Lopez] [I.D Number] - [12177539] [Priority Number] - [6] [Date of Trip] - [22 06 2022] [Drop-off Point] - [Gate 4 Gokongwei Gate]	[Trip Number] - [AE153] [Embarkation Point] - [DLSU Laguna Campus] [Name] - [Maui Lopez] [I.D Number] - [12177539] [Priority Number] - [6] [Date of Trip] - [22 06 2022] [Drop-off Point] - [Gate 4 Gokongwei Gate]	P
	2	The past trip txt file is not loaded		No Display	No Display	P
	3	The embark card txt file is loaded		[Trip Number] - [AE101] [Embarkation Point] - [DLSU Manila Campus] [Name] - [Maui Lopez] [I.D Number] - [12345678] [Priority Number] - [6] [Date of Trip] - [22 06 2022] [Drop-off Point] - [Mamplasan Toll Exit]	[Trip Number] - [AE101] [Embarkation Point] - [DLSU Manila Campus] [Name] - [Maui Lopez] [I.D Number] - [12345678] [Priority Number] - [6] [Date of Trip] - [22 06 2022] [Drop-off Point] - [Mamplasan Toll Exit]	P
	4	The embar card txt file is not loaded		No Display	No Display	P

checkSystem	1	There is no passenger in the system		Return 0 for the fileCreation to know it should not create a file	Return 0 for the fileCreation to know it should not create a file	P
	2	There is atleast one passenger in the system		Return 1 for the fileCreation to know it should create a file	Return 1 for the fileCreation to know it should create a file	P
dateFormat	1	The user inputted is an integer	22 6 2022	Enter Date (DD MM YYYY): 22 6 2022 [SUCCESS] Date is valid. [DATE ENTERED]: [22-06-2022]	Enter Date (MM DD YYYY): 22 6 2022 [SUCCESS] Date is valid. [DATE ENTERED]: [22-06-2022]	P
	2	The user inputted is a float	0.1 3.0 2022.5	Enter Date Today (DD MM YYYY): 0.1 3.0 2022.5 [ERROR] Invalid Date.	Enter Date Today (DD MM YYYY): 0.1 3.0 2022.5 [ERROR] Invalid Date.	P
	3	The user inputted a special character	!	Enter Date Today (DD MM YYYY): ! [ERROR] Invalid Date.	Enter Date Today (DD MM YYYY): ! [ERROR] Invalid Date.	P
	4	The user inputted wrongly the month, day or year	32 4 2022	Enter Date Today (DD MM YYYY): 32 4 2022 [ERROR] Invalid Date.	Enter Date Today (DD MM YYYY): 32 4 2022 [ERROR] Invalid Date.	P
	5	The user inputted a character or string	Test Test Test	Enter Date (DD MM YYYY): Test Test Test [ERROR] Invalid Date.	Enter Date (DD MM YYYY): Test Test Test [ERROR] Invalid Date.	P

Passenger.c Function						
Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F

assignSeat	1	The passenger has a priority number	1	<p>[NOTE] Embarkation Card successfully signed.</p> <p>[SYSTEM]: [Maui Lopez] is on Seat #[1].</p> <p>[Trip Number] = [AE101] [X][O][O] [O][O][O] [O][O][O] [O][O][O] [O]</p>	<p>[NOTE] Embarkation Card successfully signed.</p> <p>[SYSTEM]: [Maui Lopez] is on Seat #[1].</p> <p>[Trip Number] = [AE101] [X][O][O] [O][O][O] [O][O][O] [O][O][O] [O]</p>	P
	2	The passenger has a lower priority number than the others	5, 1	<p>[NOTE] Embarkation Card successfully signed.</p> <p>[SYSTEM]: [Maui Haeleynah] is on Seat #[2].</p> <p>[Trip Number] = [AE101] [X][X][O] [O][O][O] [O][O][O] [O][O][O] [O]</p>	<p>[NOTE] Embarkation Card successfully signed.</p> <p>[SYSTEM]: [Maui Haeleynah] is on Seat #[2].</p> <p>[Trip Number] = [AE101] [X][X][O] [O][O][O] [O][O][O] [O][O][O] [O]</p>	P
	3	The passenger puts a priority number in the middle of the priority numbers	1, 3, 4	<p>[NOTE] Embarkation Card successfully signed.</p> <p>[SYSTEM]: [Maui Ramos] is on Seat #[2].</p> <p>[Trip Number] = [AE101] [X][X][X] [O][O][O] [O][O][O] [O][O][O] [O]</p>	<p>[NOTE] Embarkation Card successfully signed.</p> <p>[SYSTEM]: [Maui Ramos] is on Seat #[2].</p> <p>[Trip Number] = [AE101] [X][X][X] [O][O][O] [O][O][O] [O][O][O] [O]</p>	P

	4	The passenger has the same priority number	1, 3, 4, 6, 6	[NOTE] Embarkation Card successfully signed. [SYSTEM]: [Maui Ramos] is on Seat #[4]. [Trip Number] = [AE101] [X][X][X] [X][O][O] [O][O][O] [O][O][O] [O]	[NOTE] Embarkation Card successfully signed. [SYSTEM]: [Maui Ramos] is on Seat #[4]. [Trip Number] = [AE101] [X][X][X] [X][O][O] [O][O][O] [O][O][O] [O]	P
	5	Passengers has inputted their priority numbers and made a trip full	6, 1, 4, 3, 5, 2, 1, 3, 6, 4, 2, 2, 3, 1, 1, 5	[NOTE] Embarkation Card successfully signed. [SYSTEM]: [Maui Ramos] is on Seat #[1]. [Trip Number] = [AE101] [X][X][X][X] [X][X][X][X] [X][X][X][X] [X][X][X] [X]	[NOTE] Embarkation Card successfully signed. [SYSTEM]: [Maui Ramos] is on Seat #[1]. [Trip Number] = [AE101] [X][X][X][X] [X][X][X][X] [X][X][X][X] [X][X][X] [X]	P
identifyTrip	1	A passenger chose a valid trip number and passed it on to identifyTrip		It will assign the passenger to a seat to his/her chosen trip	It will assign the passenger to a seat to his/her chosen trip	P
	2	A passenger chose an invalid trip number and passed it on to identifyTrip		It will not assign the passenger to a seat to his/her chosen trip	It will not assign the passenger to a seat to his/her chosen trip	P
countDropOffPoint	1	A passenger enters a drop off point and passed it on to countDropOffPoint		The function will add 1 to the drop off point passed by the passenger on the respective drop off point of the Passenger in his/her trip	The function will add 1 to the drop off point passed by the passenger on the respective drop off point of the Passenger in his/her trip	P

	2	A passenger did not enter any drop off point and did not go into countDropOffPoint		The function will not proceed as the pre-condition states that the embarkation card needs to be filled up	The function will not proceed as the pre-condition states that the embarkation card needs to be filled up	P
checkTripCapacity	1	A passenger chose a valid trip number and passed it on to checkTripCapacity		The capacity of the valid trip number that the checkTripCapacity got will add one to it's capacity.	The capacity of the valid trip number that the checkTripCapacity got will add one to it's capacity.	P
	3	A passenger chose invalid trip number		The capacity will not add to any of the valid trips	The capacity will not add to any of the valid trips	P
	4	A passenger chose a trip that has 13 passengers in and passed it on to checkTripCapacity		[ALERT] Trip AE101 is now being over-loaded	[ALERT] TripAE101 is now being over-loaded	P
	5	A passenger chose a trip that has 16 passengers in and passed it on to checkTripCapacity		[ALERT] Trip AE101 is now being over-loaded [ERROR] Please choose another trip. [SYSTEM] Hi [Maui Lopez], please re-enter your information.	[ALERT] Trip AE101 is now being over-loaded [ERROR] Please choose another trip. [SYSTEM] Hi [Maui Lopez], please re-enter your information.	P
inputEmbarkation	1	The user fills up the embarkation card properly and all inputs are valid	AE101 DLSU Manila Campus Maui Lopez 12177539 6 Mamplasan Toll Exit	It will display a success message every input and if there should be a display, it should display. After signing up the embarkation card. It will display the trip seats	It will display a success message every input and if there should be a display, it should display. After signing up the embarkation card. It will display the trip seats	P

	2	The user fills up the embarkation card and puts a valid trip number	AE101	<div><div>[MANILA TO LAGUNA ROUTE SCHEDULE]</div><table><tr><td>Trip #:</td><td>ETD:</td></tr><tr><td>[AE101]</td><td>[6:00 AM]</td></tr><tr><td>[AE102]</td><td>[7:30 AM]</td></tr><tr><td>[AE103]</td><td>[9:30 AM]</td></tr><tr><td>[AE104]</td><td>[11:00 AM]</td></tr><tr><td>[AE105]</td><td>[1:00 PM]</td></tr><tr><td>[AE106]</td><td>[2:30 PM]</td></tr><tr><td>[AE107]</td><td>[3:30 PM]</td></tr><tr><td>[AE108]</td><td>[5:00 PM]</td></tr><tr><td>[AE109]</td><td>[6:15 PM]</td></tr></table><div>[LAGUNA TO MANILA ROUTE SCHEDULE]</div><table><tr><td>Trip #:</td><td>ETD:</td></tr><tr><td>[AE150]</td><td>[5:30 AM]</td></tr><tr><td>[AE151]</td><td>[5:45 AM]</td></tr><tr><td>[AE152]</td><td>[7:00 AM]</td></tr><tr><td>[AE153]</td><td>[7:30 AM]</td></tr><tr><td>[AE154]</td><td>[9:00 AM]</td></tr><tr><td>[AE155]</td><td>[11:00 AM]</td></tr><tr><td>[AE156]</td><td>[1:00 PM]</td></tr><tr><td>[AE157]</td><td>[2:30 PM]</td></tr><tr><td>[AE158]</td><td>[3:30 PM]</td></tr><tr><td>[AE159]</td><td>[5:00 PM]</td></tr><tr><td>[AE160]</td><td>[6:15 PM]</td></tr></table><div>=====</div><div>[Trip Number]: AE101</div><div>[SUCCESS] Trip number is VALID.</div></div>	Trip #:	ETD:	[AE101]	[6:00 AM]	[AE102]	[7:30 AM]	[AE103]	[9:30 AM]	[AE104]	[11:00 AM]	[AE105]	[1:00 PM]	[AE106]	[2:30 PM]	[AE107]	[3:30 PM]	[AE108]	[5:00 PM]	[AE109]	[6:15 PM]	Trip #:	ETD:	[AE150]	[5:30 AM]	[AE151]	[5:45 AM]	[AE152]	[7:00 AM]	[AE153]	[7:30 AM]	[AE154]	[9:00 AM]	[AE155]	[11:00 AM]	[AE156]	[1:00 PM]	[AE157]	[2:30 PM]	[AE158]	[3:30 PM]	[AE159]	[5:00 PM]	[AE160]	[6:15 PM]	<div><div>[MANILA TO LAGUNA ROUTE SCHEDULE]</div><table><tr><td>Trip #:</td><td>ETD:</td></tr><tr><td>[AE101]</td><td>[6:00 AM]</td></tr><tr><td>[AE102]</td><td>[7:30 AM]</td></tr><tr><td>[AE103]</td><td>[9:30 AM]</td></tr><tr><td>[AE104]</td><td>[11:00 AM]</td></tr><tr><td>[AE105]</td><td>[1:00 PM]</td></tr><tr><td>[AE106]</td><td>[2:30 PM]</td></tr><tr><td>[AE107]</td><td>[3:30 PM]</td></tr><tr><td>[AE108]</td><td>[5:00 PM]</td></tr><tr><td>[AE109]</td><td>[6:15 PM]</td></tr></table><div>[LAGUNA TO MANILA ROUTE SCHEDULE]</div><table><tr><td>Trip #:</td><td>ETD:</td></tr><tr><td>[AE150]</td><td>[5:30 AM]</td></tr><tr><td>[AE151]</td><td>[5:45 AM]</td></tr><tr><td>[AE152]</td><td>[7:00 AM]</td></tr><tr><td>[AE153]</td><td>[7:30 AM]</td></tr><tr><td>[AE154]</td><td>[9:00 AM]</td></tr><tr><td>[AE155]</td><td>[11:00 AM]</td></tr><tr><td>[AE156]</td><td>[1:00 PM]</td></tr><tr><td>[AE157]</td><td>[2:30 PM]</td></tr><tr><td>[AE158]</td><td>[3:30 PM]</td></tr><tr><td>[AE159]</td><td>[5:00 PM]</td></tr><tr><td>[AE160]</td><td>[6:15 PM]</td></tr></table><div>=====</div><div>[Trip Number]: AE101</div><div>[SUCCESS] Trip number is VALID.</div></div>	Trip #:	ETD:	[AE101]	[6:00 AM]	[AE102]	[7:30 AM]	[AE103]	[9:30 AM]	[AE104]	[11:00 AM]	[AE105]	[1:00 PM]	[AE106]	[2:30 PM]	[AE107]	[3:30 PM]	[AE108]	[5:00 PM]	[AE109]	[6:15 PM]	Trip #:	ETD:	[AE150]	[5:30 AM]	[AE151]	[5:45 AM]	[AE152]	[7:00 AM]	[AE153]	[7:30 AM]	[AE154]	[9:00 AM]	[AE155]	[11:00 AM]	[AE156]	[1:00 PM]	[AE157]	[2:30 PM]	[AE158]	[3:30 PM]	[AE159]	[5:00 PM]	[AE160]	[6:15 PM]	P
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	3	The user fills up the embarkation card but puts an invalid trip number	AE100	<div><div>[MANILA TO LAGUNA ROUTE SCHEDULE] Trip #: ETD: [AE101] [6:00 AM] [AE102] [7:30 AM] [AE103] [9:30 AM] [AE104] [11:00 AM] [AE105] [1:00 PM] [AE106] [2:30 PM] [AE107] [3:30 PM] [AE108] [5:00 PM] [AE109] [6:15 PM] [LAGUNA TO MANILA ROUTE SCHEDULE] Trip #: ETD: [AE150] [5:30 AM] [AE151] [5:45 AM] [AE152] [7:00 AM] [AE153] [7:30 AM] [AE154] [9:00 AM] [AE155] [11:00 AM] [AE156] [1:00 PM] [AE157] [2:30 PM] [AE158] [3:30 PM] [AE159] [5:00 PM] [AE160] [6:15 PM] =====</div><div>[Trip Number]: AE100</div></div>	<div><div>[MANILA TO LAGUNA ROUTE SCHEDULE] Trip #: ETD: [AE101] [6:00 AM] [AE102] [7:30 AM] [AE103] [9:30 AM] [AE104] [11:00 AM] [AE105] [1:00 PM] [AE106] [2:30 PM] [AE107] [3:30 PM] [AE108] [5:00 PM] [AE109] [6:15 PM] [LAGUNA TO MANILA ROUTE SCHEDULE] Trip #: ETD: [AE150] [5:30 AM] [AE151] [5:45 AM] [AE152] [7:00 AM] [AE153] [7:30 AM] [AE154] [9:00 AM] [AE155] [11:00 AM] [AE156] [1:00 PM] [AE157] [2:30 PM] [AE158] [3:30 PM] [AE159] [5:00 PM] [AE160] [6:15 PM] =====</div><div>[Trip Number]: AE100</div></div>	
	4	The user fills up the embarkation card but puts an invalid trip number	AE100	Display the schedule shown above [Trip Number]: AE101 Loops again until valid input	Display the schedule shown above [Trip Number]: AE101 Loops again until valid input	P
	5	The user fills up the embarkation card but puts an special character in trip number question	!	Display the schedule shown above [Trip Number]: ! again until valid input Loops	Display the schedule shown above [Trip Number]: ! again until valid input Loops	P
	6	The user fills up the embarkation card but puts any kind of number in trip number question	2.5	Display the schedule shown above [Trip Number]: 2.5 again until valid input Loops	Display the schedule shown above [Trip Number]: 2.5 again until valid input Loops	P

	7	The user fills up the embarkation card but puts an valid embarkation point	DLSU Manila Campus	<div>[EMBARKATION POINTS FOR MANILA] [DLSU Manila Campus] [DLSU South Gate Driveway] =====</div> <div>[Embarkation Point]: DLSU Manila Campus [SUCCESS] Embarkation Point is VALID.</div>	<div>[EMBARKATION POINTS FOR MANILA] [DLSU Manila Campus] [DLSU South Gate Driveway] =====</div> <div>[Embarkation Point]: DLSU Manila Campus [SUCCESS] Embarkation Point is VALID.</div>	P
	8	The user fills up the embarkation card but puts an invalid embarkation point	DLSU	Display the embarkation points for the specific trip number [Embarkation Point]: DLSU Loops again until valid input	Display the embarkation points for the specific trip number [Embarkation Point]: DLSU Loops again until valid input	P
	9	The user fills up the embarkation card but puts a special character in embarkation point question	\$	Display the embarkation points for the specific trip number [Embarkation Point]: \$ Loops again until valid input	Display the embarkation points for the specific trip number [Embarkation Point]: \$ Loops again until valid input	P
	10	The user fills up the embarkation card but puts any kind of number in embarkation point question	1013234	Display the embarkation points for the specific trip number [Embarkation Point]: 1013234 Loops again until valid input	Display the embarkation points for the specific trip number [Embarkation Point]: 1013234 Loops again until valid input	P
	11	The user fills up the embarkation card but puts an embarkation point not connected with his/her trip number	DLSU Laguna Campus	Display the embarkation points for the specific trip number [Embarkation Point]: DLSU Laguna Campus Loops again until valid input	Display the embarkation points for the specific trip number [Embarkation Point]: DLSU Laguna Campus Loops again until valid input	P
	12	The user fills up the embarkation card and puts first name and last name in the passenger name question	Maui Lopez	[NOTE]: FIRST and LAST Name only. [Passenger Full Name]: Maui Lopez [SUCCESS] Passenger Name is VALID.	[NOTE]: FIRST and LAST Name only. [Passenger Full Name]: Maui Lopez [SUCCESS] Passenger Name is VALID.	P

	13	The user fills up the embarkation card and puts only first name in the passenger name question	Maui	[NOTE]: FIRST and LAST Name only. [Passenger Name]: Maui then waits for another input	[NOTE]: FIRST and LAST Name only. [Passenger Name]: Maui then waits for another input	P
	14	The user fills up the embarkation card and puts any kind of number in the passenger name question	1231234 1234	[NOTE]: FIRST and LAST Name only. [Passenger Full Name]: 1231234 1234 [ERROR] Passenger Name has a SPECIAL CHARACTER.	[NOTE]: FIRST and LAST Name only. [Passenger Full Name]: 1231234 1234 [ERROR] Passenger Name has a SPECIAL CHARACTER.	P
	15	The user fills up the embarkation card and puts a special character or symbol in the passenger name question	Maui @pez	[NOTE]: FIRST and LAST Name only. [Passenger Full Name]: Mau @pez [ERROR] Passenger Name has a SPECIAL CHARACTER.	[NOTE]: FIRST and LAST Name only. [Passenger Full Name]: Mau @pez [ERROR] Passenger Name has a SPECIAL CHARACTER.	P
	16	The user fills up the embarkation card and puts a number within the passenger name question	Maui 1pez	[NOTE]: FIRST and LAST Name only. [Passenger Full Name]: Maui 1pez [ERROR] Passenger Name has a SPECIAL CHARACTER.	[NOTE]: FIRST and LAST Name only. [Passenger Full Name]: Maui 1pez [ERROR] Passenger Name has a SPECIAL CHARACTER.	P
	17	The user fills up the embarkation card and puts a valid id number	12177539	[ID Number]: 12345678 [SUCCESS] ID Number is VALID.	[ID Number]: 12345678 [SUCCESS] ID Number is VALID.	P
	18	The user fills up the embarkation card and puts a float or double in the id number question	1.236451	[ID Number]: 1.236451 Loops again until valid input	[ID Number]: 1.236451 Loops again until valid input	P

	19	The user fills up the embarkation card and puts a special character or symbol in the id number question	%	[ID Number]: % Loops again until valid input	[ID Number]: % Loops again until valid input	P
	20	The user fills up the embarkation card and puts a character or string in the id number question	Maui	[ID Number]: Maui Loops again until valid input	[ID Number]: Maui Loops again until valid input	P
	21	The user fills up the embarkation card and puts a valid priority number	5	<pre>[PRIORITY GROUPS] [1] = [Faculty and ASF with Inter-campus assignments] [2] = [Students with inter-campus enrolled subjects or enrolled in thesis using Inter-campus facilities] [3] = [Researchers] [4] = [Academic Coordinators level and up for Faculty and ASF, and Director level and up for ASAP] [5] = [University Fellows] [6] = [Employees and Students with official business] [Priority Number]: 5 [SUCCESS] Priority Number is VALID. [SUCCESS] Date of Trip: 5-30-2022.</pre>	<pre>[PRIORITY GROUPS] [1] = [Faculty and ASF with Inter-campus assignments] [2] = [Students with inter-campus enrolled subjects or enrolled in thesis using Inter-campus facilities] [3] = [Researchers] [4] = [Academic Coordinators level and up for Faculty and ASF, and Director level and up for ASAP] [5] = [University Fellows] [6] = [Employees and Students with official business] [Priority Number]: 5 [SUCCESS] Priority Number is VALID. [SUCCESS] Date of Trip: 5-30-2022.</pre>	P
	22	The user fills up the embarkation card and puts a invalid priority number	8	<pre>[PRIORITY GROUPS] [1] = [Faculty and ASF with Inter-campus assignments] [2] = [Students with inter-campus enrolled subjects or enrolled in thesis using Inter-campus facilities] [3] = [Researchers] [4] = [Academic Coordinators level and up for Faculty and ASF, and Director level and up for ASAP] [5] = [University Fellows] [6] = [Employees and Students with official business] [Priority Number]: 8</pre>	<pre>[PRIORITY GROUPS] [1] = [Faculty and ASF with Inter-campus assignments] [2] = [Students with inter-campus enrolled subjects or enrolled in thesis using Inter-campus facilities] [3] = [Researchers] [4] = [Academic Coordinators level and up for Faculty and ASF, and Director level and up for ASAP] [5] = [University Fellows] [6] = [Employees and Students with official business] [Priority Number]: 8</pre>	P
	23	The user fills up the embarkation card and puts a float or double in priority number	8.9	Display the priorty groups shown above [Priority Number]: 8.9 Loops again until valid input	Display the priorty groups shown above [Priority Number]: 8.9 Loops again until valid input	P

	24	The user fills up the embarkation card and puts a special character or symbol in the priority number question	&	Display the priority groups shown above [Priority Number]: & again until valid input Loops	Display the priority groups shown above [Priority Number]: & again until valid input Loops	P
	25	The user fills up the embarkation card and puts a character or string in the priority number question	Test	Display the priority groups shown above [Priority Number]: Test Loops again until valid input	Display the priority groups shown above [Priority Number]: Test Loops again until valid input	P
	26	The user fills up the embarkation card but puts a valid drop off point in the drop off point question	Mamplasan Toll Exit	<pre>[DROP-OFF POINTS FOR MANILA] [Mamplasan Toll Exit] [Phase 5 San Jose Village] [Milagros Del Rosario Building East Canopy] ===== [Drop-Off Point]: Mamplasan Toll Exit [SUCCESS] Drop-Off Point is VALID.</pre>	<pre>[DROP-OFF POINTS FOR MANILA] [Mamplasan Toll Exit] [Phase 5 San Jose Village] [Milagros Del Rosario Building East Canopy] ===== [Drop-Off Point]: Mamplasan Toll Exit [SUCCESS] Drop-Off Point is VALID.</pre>	P
	27	The user fills up the embarkation card but puts a valid drop off point but it is not connected to the passenger's embarkation point in the drop off point question	Gate 4 Gokongwei Gate	<pre>[DROP-OFF POINTS FOR MANILA] [Mamplasan Toll Exit] [Phase 5 San Jose Village] [Milagros Del Rosario Building East Canopy] ===== [Drop-Off Point]: Gate 4 Gokongwei Gate</pre>	<pre>[DROP-OFF POINTS FOR MANILA] [Mamplasan Toll Exit] [Phase 5 San Jose Village] [Milagros Del Rosario Building East Canopy] ===== [Drop-Off Point]: Gate 4 Gokongwei Gate</pre>	P
	28	The user fills up the embarkation card but puts a invalid drop off point in the drop off point question	Enchanted Kingdom	Display the drop off points for the chosen trip Off Point]: Enchanted Kingdom Loops again until valid input [Drop-	Display the drop off points for the chosen trip Off Point]: Enchanted Kingdom Loops again until valid input [Drop-	P

	30	The user fills up the embarkation card but puts any kind of number in the drop off point question	10241.5	Display the drop off points for the chosen trip [Drop-Off Point]: 10241.5 Loops again until valid input	Display the drop off points for the chosen trip [Drop-Off Point]: 10241.5 Loops again until valid input	P
	31	The user fills up the embarkation card but puts a special character in the drop off point question	\$	Display the drop off points for the chosen trip [Drop-Off Point]: \$ Loops again until valid input	Display the drop off points for the chosen trip [Drop-Off Point]: \$ Loops again until valid input	P
choicePassengerMenu	1	User inputted an integer	1	Returns 1	Returns 1	P
	2	User inputted a float	5.4423	System will not proceed but just loops till it gets a valid input	System will not proceed but just loops till it gets a valid input	P
	3	User inputted a special character	!	System will not proceed but just loops till it gets a valid input	System will not proceed but just loops till it gets a valid input	P
	4	User inputted a character or string	a	System will not proceed but just loops till it gets a valid input	System will not proceed but just loops till it gets a valid input	P
writeEmbarkation	1	The user did not embark		The system will not write the passenger's information to the embarkation card txt file	The system will not write the passenger's information to the embarkation card txt file	P
	2	The user finished the embarkation		The system will write the passenger's information to the embarkation card txt file	The system will write the passenger's information to the embarkation card txt file	P

ArrowExpressPersonel.c Function						
displayLoadMenu	1	User inputted an integer	1	Returns 1	Returns 1	P

	2	User inputted a float	5.4423	System will not proceed but just loops till it gets a valid input	System will not proceed but just loops till it gets a valid input	P
	3	User inputted a special character	!	System will not proceed but just loops till it gets a valid input	System will not proceed but just loops till it gets a valid input	P
	4	User inputted a character or string	a	System will not proceed but just loops till it gets a valid input	System will not proceed but just loops till it gets a valid input	P
viewPassengersInfo	1	There is no passenger in the trip chosen by the user in main function		[TRIP NUMBER]: [AE101]	[TRIP NUMBER]: [AE101]	P
	2	There is atleast one passenger in the trip chosen by the user in main function		[TRIP NUMBER]: [AE101] It will display all passengers information in the chosen trip ascending order by their priority number	[TRIP NUMBER]: [AE101] It will display all passengers information in the chosen trip ascending order by their priority number	P
viewCountOfPassengers	1	There is no passenger in the trip chosen by the user		[TRIP NUMBER]: [AE101] [Number of Passengers]: [0] [Trip Number] = [AE101] [O][O][O] [O][O][O] [O][O][O] [O][O][O] [O]	[TRIP NUMBER]: [AE101] [Number of Passengers]: [0] [Trip Number] = [AE101] [O][O][O] [O][O][O] [O][O][O] [O][O][O] [O]	P

	2	There is atleast one passenger in the trip chosen by the user		[TRIP NUMBER]: [AE101] [Number of Passengers]: [1] [Trip Number] = [AE101] [X][O][O] [O][O][O] [O][O][O] [O][O][O] [O]	[TRIP NUMBER]: [AE101] [Number of Passengers]: [1] [Trip Number] = [AE101] [X][O][O] [O][O][O] [O][O][O] [O][O][O] [O]	P
	3	There is over 13 passenger in the trip chosen by the user		[TRIP NUMBER]: [AE101] [Number of Passengers]: [16] Number] = [AE101] [X][X][X][X] [X][X][X][X] [X][X][X][X] [X][X][X] [X]	[TRIP NUMBER]: [AE101] [Number of Passengers]: [16] [Trip Number] = [AE101] [X][X][X][X] [X][X][X][X] [X][X][X][X] [X][X][X] [X]	P
getTripNumber	1	The user inputted a valid trip number and passed it on to getTripNumber		It will return the index if the trip number is the same with a valid trip number to viewCountOfPassengers	It will return the index if the trip number is the same with a valid trip number to viewCountOfPassengers	P
	2	The user inputted is invalid trip number and passed it on to getTripNumber		System will not proceed but just loops till it gets a valid input	System will not proceed but just loops till it gets a valid input	P

searchPassenger	1	The user inputted a last name of a passenger in the main function		It will display ALL the passenger with the user's inputted last name	It will display ALL the passenger with the user's inputted last name	P
	2	The user inputted a last name of a passenger in the main function but is not registered		No Display	No Display	P
viewCountOfPassengerDropOff	1	The user inputted a valid trip number and passed it on to viewCountOfPassengerDropOff but no passengers		No Display	No Display	P
	2	The user inputted a valid trip number and passed it on to viewCountOfPassengerDropOff but there is atleast one or more passengers		[TRIP NUMBER]: [AE101] It will display all possible drop off points for the trip number with the count of how many passenger will drop off on that specific drop off point	[TRIP NUMBER]: [AE101] It will display all possible drop off points for the trip number with the count of how many passenger will drop off on that specific drop off point	P