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**Test design**

**Configuration of the Scenarios**

| **Name** | **Class** | **Scenario** |
| --- | --- | --- |
| setUpStage1 | Plane | A plane with:  {  rowsnormalclass=3  rowsfirstclass= 2  numberofseatsperrow= 1  } |
| setUpStage2 | Plane | A plane with:  {  rowsnormalclass= 4  rowsfirstclass= 0  numberofseatsperrow= 2  } |
| setUpStage3 | Plane | A plane with:  {  rowsnormalclass=0  rowsfirstclass= 4  numberofseatsperrow= 2  } |
| setUpStage4 | Passenger | A list of passengers with:  {  name={olvir Eusebius,Cassian Rufina,Erkan Noriko,Harpreet Aleksandra,Adalhaid Milda,Oskars Muthoni,Anastasia Amahle,Yasen Alaric,Rozalija Raginaharjaz,Yarik Komang}  id={1110,290123,18200,610340,950562,396014,1130584, 851944,1042984,44100}  ticket={1a,2b,1c,1d,2a,1e,2c,2d,2e,1b}  miles={10,100,1000,250,2500,25,365,653,536,9564}  typeofhelp={none,none,none,none,physical disability,mental disability,none, kid, age,pregnancy }  } |
| setUpStage5 | Passenger | A list of passengers with:  {  name={olvir Eusebius,Cassian Rufina,Harpreet Aleksandra,Oskars Muthoni,Anastasia Amahle,Yasen Alaric,Rozalija Raginaharjaz,Yarik Komang}  id={1110,290123,18200,610340,950562,396014,1130584, 851944}  ticket={1a,2b,3c,4d,2a,1b,2c,1d}  miles={0,0,0,0,0,0,0,0}  typeofhelp={none,none,none,none,none,none,none, none }  } |
| setUpStage6 | Passenger | A list of passengers with:  {  name={olvir Eusebius,Cassian Rufina,Harpreet Aleksandra,Oskars Muthoni,Anastasia Amahle,Yasen Alaric,Rozalija Raginaharjaz,Yarik Komang}  id={1110,290123,18200,610340,950562,396014,1130584, 851944}  ticket={1a,2b,3c,4d,2a,1b,2c,1d}  miles={350,125,500,95,350,95,125,500}  typeofhelp={physical disability,mental disability,age,pregnancy,kid,physical disability,pregnancy, mental disability}  } |
| setUpStage7 | Passenger | A list of passengers with:  {  name={olvir Eusebius,Cassian Rufina,Harpreet Aleksandra,Oskars Muthoni,Anastasia Amahle,Yasen Alaric,Rozalija Raginaharjaz,Yarik Komang}  id={A100,290123,18200,610340,950562,396014,1130584, 851944}  ticket={1a,2b,3c,4d,5e,6f,7,8p}  miles={350,125,500,95,350,95,125,s00}  typeofhelp={physical disability,mental disability,age,pregnancy,kid,physical disability,pregnancy, mental disability}  } |

| **Objective of the Test:the purpose of the test is to show the different cases with respect to the functionality of loading from a json or txt the information** | | | |
| --- | --- | --- | --- |
| **Class** | **Mehod** | **Scenario** | **Expected result** |
| AirlineController | upload | setUpStage1  setUpStage6 | the system should return a list with all the data that was loaded. |
| AirlineController | upload | setUpStage1  setUpStage4 | the system should return a list with all the data that was loaded. |
| AirlineController | upload | setUpStage3  setUpStage4 | an exception of maximum aircraft size reached should be displayed. |
| AirlineController | upload | setUpStage1  setUpStage7 | the system must return an exception of erroneous data |

| **Objective of the Test: the purpose of this test is to survey the cases concerning the passenger entry method.** | | | |
| --- | --- | --- | --- |
| **Class** | **Mehod** | **Scenario** | **Expected result** |
| AirlineController | entryPassengers | setUpStage1  setUpStage4 | the system should return a priority queue with the following information:  {Adalhaid Milda,950562,2a,2500,physical disability}  {Yarik Komang,44100,1b,9564,pregnancy}  {Cassian Rufina,290123,2b,100,none}  {olvir Eusebius,1110,1a,10,none}  {Erkan Noriko,18200,1c,1000,none}  {Harpreet Aleksandra,610340,1d,250,none}  {Oskars Muthoni,396014,1e,25,mental disability}  {Anastasia Amahle,1130584,2c,365,none}  {Yasen Alaric,851944,2d,653,kid}  {Rozalija Raginaharjaz,1042984,2e,536,age} |
| AirlineController | entryPassengers | setUpStage2  setUpStage5 | the system should return a priority queue with the following information:  {olvir Eusebius,1110,1a,350,physical disability}  {Cassian Rufina,290123,2b,125,mental disability}  {Harpreet Aleksandra,18200,3c,500,age}  {Oskars Muthoni,610340,4d,95,pregnancy}  {Anastasia Amahle,950562,2a,350,kid}  {Yasen Alaric,396014,1b,95,physical disability}  {Rozalija Raginaharjaz,1130584,2c,125,pregnancy}  {Yarik Komang,851944,1d,500,mental disability} |
| AirlineController | entryPassengers | setUpStage3  setUpStage6 | the system should return a priority queue with the following information:  {Harpreet Aleksandra,18200,3c,500,none}  {Yarik Komang,851944,1d,500,none}  {Anastasia Amahle,950562,2a,350,none}  {olvir Eusebius,1110,1a,350,none}  {Cassian Rufina,290123,2b,125,none}  {Rozalija Raginaharjaz,1130584,2c,125,none}  {Oskars Muthoni,610340,4d,95,none}  {Yasen Alaric,396014,1b,95,none} |
| AirlineController | entryPassengers | setUpStage3  setUpStage5 | the system should return a priority queue with the following information:  {olvir Eusebius,1110,1a,350,physical disability}  {Yasen Alaric,396014,1b,95,physical disability}  Yarik Komang,851944,1d,500,mental disability}  {Cassian Rufina,290123,2b,125,mental disability}  {Harpreet Aleksandra,18200,3c,500,age}  {Rozalija Raginaharjaz,1130584,2c,125,pregnancy}  {Oskars Muthoni,610340,4d,95,pregnancy}  {Anastasia Amahle,950562,2a,350,kid} |

| **Objective of the Test: the purpose of this test is to survey the cases concerning the passenger exit method.** | | | |
| --- | --- | --- | --- |
| **Class** | **Mehod** | **Scenario** | **Expected result** |
| AirlineController | exitPassengers | setUpStage1  setUpStage4 | the system should return a priority queue with the following information:  {Adalhaid Milda,950562,2a,2500,physical disability}  {olvir Eusebius,1110,1a,10,none}  {Yarik Komang,44100,1b,9564,pregnancy}  {Cassian Rufina,290123,2b,100,none}  {Erkan Noriko,18200,1c,1000,none}  {Anastasia Amahle,1130584,2c,365,none}  {Harpreet Aleksandra,610340,1d,250,none}  {Yasen Alaric,851944,2d,653,kid}  {Oskars Muthoni,396014,1e,25,mental disability}  {Rozalija Raginaharjaz,1042984,2e,536,age} |
| AirlineController | exitPassengers | setUpStage2  setUpStage5 | the system should return a priority queue with the following information:  {Anastasia Amahle,950562,2a,350,kid}  {olvir Eusebius,1110,1a,350,physical disability}  {Cassian Rufina,290123,2b,125,mental disability}  {Yasen Alaric,396014,1b,95,physical disability}  {Harpreet Aleksandra,18200,3c,500,age}  {Rozalija Raginaharjaz,1130584,2c,125,pregnancy}  {Oskars Muthoni,610340,4d,95,pregnancy}  {Yarik Komang,851944,1d,500,mental disability} |
| AirlineController | exitPassengers | setUpStage3  setUpStage6 | the system should return a priority queue with the following information:  {Anastasia Amahle,950562,2a,350,none}  {olvir Eusebius,1110,1a,350,none}  {Cassian Rufina,290123,2b,125,none}  {Yasen Alaric,396014,1b,95,none}  {Harpreet Aleksandra,18200,3c,500,none}  {Rozalija Raginaharjaz,1130584,2c,125,none}  {Yarik Komang,851944,1d,500,none}  {Oskars Muthoni,610340,4d,95,none} |