|  |  |
| --- | --- |
| **ID:** ATS6 | **Use Case:** AssignBlanks |
| **Brief Description:** Blanks are received by the airline and added to the stock of blanks. OfficeManager allocates the blanks to each TravelAdvisor before they can sell them to a customer. Unless a blank is assigned it cannot be sold. | |
| **Primary Actors:** OfficeManager | |
| **Secondary Actors:** TravelAdvisor | |
| **Preconditions:** The system is operational and blanks are received from the airline and added to the stock of blanks with a unique blank ID. | |
| **Main Flow:**   1. Actor activated the functionality for assigning a blank. 2. OfficeManager assigns the blanks. 3. The system validates that each blank is assigned to a unique TravelAdvisor. 4. System saves the changes. | |
| **Postconditions:** A blank is assigned to a TravelAdvisor. | |
| **Alternative Flow:**  StockIsEmpty | |

|  |
| --- |
| **Alternative Flow:** StockIsEmpty |
| **ID:** ATS6.1 |
| **Brief Description:** The stock of blanks is empty therefore there is no blank to assign. |
| **Primary Actors:** OfficeManager |
| **Secondary Actors:** SystemAdministrator |
| **Preconditions:** OfficeManager must be logged in. |
| **Alternative Flow:**   1. The system prompts the actor that the stock is empty. 2. Either OfficeManager or the SystemAdministrator adds new blanks to the stock with a unique ID. 3. System saves the changes. |
| **Postconditions:** Blanks are added to the stock. |

|  |  |
| --- | --- |
| **ID:** ATS7 | **Use Case:** CreateSalesReport |
| **Brief Description:** The OfficeManager creates sales report which contains all the sales transactions corresponding sub-totals and grand totals. | |
| **Primary Actors:** OfficeManager | |
| **Secondary Actors:** None. | |
| **Preconditions:** OfficeManager has logged in to the system. | |
| **Main Flow:**   1. Use case begins when the OfficeManager activates the functionality to generate sales report. 2. System calculates sub-totals and grand totals and displays Individual Sales Report. 3. System calculates sub-totals and grand totals and displays Global Sales Report. 4. System combines Individual and Global Reports in a file. 5. The OfficeManager selects save report. 6. System stores it in the database. | |
| **Postconditions:** The sales report is generated. | |
| **Alternative Flow:**  ProblemWithDatabase | |

|  |
| --- |
| **Alternative Flow:** ProblemWithDatabase |
| **ID:** ATS7.1 |
| **Brief Description:** Database access fails when the OfficeManager tries to access to the database. |
| **Primary Actors:** OfficeManager |
| **Secondary Actors:** SystemAdministrator |
| **Preconditions:** The actor is logged in. |
| **Alternative Flow:**   1. OfficeManager tries to generate sales reports. 2. System alerts the OfficeManager that there is an issue with the database and it needs to be repaired. 3. OfficeManager informs the SystemAdministrator.   Extension Point: RepairDatabase   1. SystemAdministrator informs the OfficeManager that the database is repaired. |
| **Postconditions:** SystemAdministrator repairs the database. |

|  |  |
| --- | --- |
| **ID:** ATS8 | **Use Case:** RepairDatabase |
| **Brief Description:** The database fails to perform some actions such as storing new data, deleting data or accessing the database. It needs to be repaired by the SystemAdministrator. | |
| **Primary Actors:** SystemAdministrator | |
| **Secondary Actors:** None. | |
| **Preconditions:** The system is operational. | |
| **Main Flow:**   1. Users of the ATS informs the SystemAdministrator that there is an issue with the database and it needs to be repaired. 2. Actor backs up the database. 3. Actor gets exclusive access to the database. 4. Actor analysis the database and finds the problem. 5. Actor informs other ATS users how long they must avoid using the database. 6. Actor repairs the database. 7. Actor saves the changes. | |
| **Postconditions:** Database is repaired. | |
| **Alternative Flow:** None. | |

|  |  |
| --- | --- |
| **ID:** ATS9 | **Use Case:** ChangeCommissionRate |
| **Brief Description:** OfficeManager can change the commission rate after he/she agreed with the AirVia. | |
| **Primary Actors:** OfficeManager | |
| **Secondary Actors:** None. | |
| **Preconditions:**  System is operational.  OfficeManager has logged in. | |
| **Main Flow:**   1. OfficeManager and AirVia agrees with the commission rate. 2. OfficeManager selects the functionality to change the commission rate. 3. OfficeManager changes the commission rate. 4. OfficeManager saves the changes. | |
| **Postconditions:** Commission rate has been changed. | |
| **Alternative Flow:** | |

|  |  |
| --- | --- |
| **ID:** ATS10 | **Use Case:** CreateUserAccount |
| **Brief Description:** ATS provides functionality to crate accounts for its users. Accounts are created by the OfficeManager. | |
| **Primary Actors:** OfficeManager | |
| **Secondary Actors:** SMTP | |
| **Preconditions:** No user exist in ATS for the new user. | |
| **Main Flow:**   1. Actor activates the functionality for creating an account. 2. The system places an empty user account in the session. 3. The system opens a form for entering the user details such as username, email address and password. 4. The actor enters details and confirms their validity. 5. The system creates a new user record in ATS.   System sends the user details to the new user via SMTP. | |
| **Postconditions:** User details are stored in the database. | |
| **Alternative Flow:** None. | |

|  |  |
| --- | --- |
| **ID:** ATS11 | **Use Case:** View |
| **Brief Description:** ATS provides functionality to view and print the reports. | |
| **Primary Actors:** OfficeManager | |
| **Secondary Actors:** PDFReader | |
| **Preconditions:** OfficeManager has logged in to the system. | |
| **Main Flow:**   1. Use case starts when the actor accesses the reports. 2. Actor selects a specific report to be viewed. 3. System sends files to the PDFReader. 4. PDFReader opens the selected file.   IF actor wants to print the files, he/she can select print option provided by the PDFReader. | |
| **Postconditions:** Files are viewed. | |
| **Alternative Flow:** None. | |