# **Use Case Specifications**

|  |  |
| --- | --- |
|  | |
| **Document Intention:** | Stores the 10 Key Use-case specifications. |
| **Document Authors:** | Huzaifa Pathan |
| **Document Version Date-Stamp:** | 21/02/2023 |
| **Document Version:** | 1 |
| **Document Version History:** | |
| 1. Document created. | |

|  |  |
| --- | --- |
| ID: TM01 | **Use case:** Assign Blanks |
| **Brief description:**  This describes the process of assigning blanks to different travel advisors. | |
| **Primary actors:**  Office Manager | |
| **Secondary actors:**  Database | |
| **Preconditions:**   * 1. The user is logged in and has access to the database.   2. The blanks have been identified. | |
| **Flow of events:**   1. The blank has been received. 2. Then the office manager assigns it to the travel advisor | |
| **Postconditions:**   1. Blank has been assigned | |
| **Alternative flow:**   * connection to the database is lost | |

|  |
| --- |
| Alternative flow: TravelAdvisorMistake |
| ID: TM01.1 |
| **Brief description:**  If the travel advisor makes a mistake the blank becomes void |
| **Primary actors:** Travel advisor |
| **Secondary actors:** User |
| **Preconditions:** user has logged in and has access to the database, blank has been identified |
| **Alternative flow:**  1.Travel advisor has inputted incorrect data   1. The void has now been voided |
| **Postconditions: this blank can now be assigned to another user.** |

|  |  |
| --- | --- |
| ID: TM02 | **Use case:** Generate Report |
| **Brief description:**  User wants to generate a sales report to view | |
| **Primary actors:**  Office Manager | |
| **Secondary actors:**  None | |
| **Preconditions:**   * 1. The user is logged in and has access to the database. | |
| **Flow of events:**   1. The relevant data is retrieved from the database. 2. This information is then generated into a report. 3. This report is then made accessible to the office manager. | |
| **Postconditions:**   1. none | |
| **Alternative flow:**   * connection to the database is lost | |

|  |
| --- |
| Alternative flow: DatabaseConnectionLost |
| ID: TM02.1 |
| **Brief description:**  The connection to the database has been lost, therefore a report cannot be generated |
| **Primary actors:** Office Manager |
| **Secondary actors:** Database |
| **Preconditions:** user has logged in but has lost connection to the database |
| **Alternative flow:**   * 1. the office manager can try and reconnect to the database to generate the report |
| **Postconditions:** a secure connection to the database has been made |

|  |  |
| --- | --- |
| ID: TM03 | **Use case:** SetComissionRate |
| **Brief description:**  Set the commission rate of the ticket fare and the functioin to add and remove it | |
| **Primary actors:**  System administrator | |
| **Secondary actors:**  Database | |
| **Preconditions:**   1. The system administrator is logged in and has access to the database. 2. System has triggered the set commission rate function. | |
| **Flow of events:**   1. The contracts are retrieved and then the rates are checked which were agreed upon in the contracts. 2. This number is then put as the commission rate depending on what type of ticket it is | |
| **Postconditions:**   1. The new commission rate for this type of ticket is set and updated to the database | |