# **Specification Priorities**

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| **Document Intention:** | Holds the specification priorities. |
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| 1. Document created. | |

**Priorities:**

In any case, the justification of the order just requires a checking of the requires column (Where a use case requires another one to be complete to actually be implemented, also if the functionality that creates the data does not exist, it must exist before anything to retrieve this data can be used).

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| **Priority** | **Use Case** | **Priority Justification** | **Requires** |
| 1 | SignIn | Signing in is one of the main requirements to secure the product and verify the user role. |  |
| 2 | SignOut | Signing out is required to allow another user to access the product. |  |
| 3 | CreateAccount | Creating an account via the system administrator is required to secure the product for different users with roles that can then access the product separately. | 1 |
| 4 | RetrieveAccounts | Retrieving accounts is used for generating reports, listing accounts, setting the commission rates (A key feature), modifying and deleting an account. | 1 |
| 5 | RetrieveAccount | Retrieves a single account, RetrieveAccounts is included by it. | 1, 4 |
| 6 | ModifyAccount | Allows for the account to have its personal information, password and role modified without deleting and recreating. | 5 |
| 7 | DeleteAccount | Allows for the account of a user that no longer works there to have their access removed. | 5 |
| 8 | CreateBlankStock | Allows for the blanks from the airline to be inputted into the system which is a key requirement for selling them. | 1 |
| 9 | AccessBlankStock | Required to access the stock of blanks in the database. | 8 |
| 10 | RecordRevokeBlank | Allows for blanks that have been stolen to be revoked in-order to stop them being sold (or used) by the system. | 9 |
| 11 | SetExchangeRates | Allows for the currency exchange from USD to different currencies to be stored for calculating the prices of a sale. | 1 |
| 12 | SetCommissionRate | Allows for the commission rate of accounts to be set which is a key requirement. | 4 |
| 13 | SetAdvisorCommissionRate | Allows for a single advisor to have their commission rate set requiring SetCommissionRate as its parent. | 12 |
| 14 | ManageTicketTypes | Allows for the list of pre-defined ticket types to be managed. | 1 |
| 15 | BackupData | Allows for data from the database to be backed up to a file, a key feature. | 1 |
| 16 | RestoreData | Allows data from the database to be loaded from a BackupData produced file. | 1 |
| 17 | CreateCustomerAccount | Allows for the customer to have an account with their personal information and discount information. | 1 |
| 18 | RetrieveCustomerAccount | Allows for a customer account to be Modified, Deleted, have a discount processed or late payments authorized, a key feature. | 1 |
| 19 | ModifyCustomerAccount | Allows for the customer account to have personal information changed, requires needing to be retrieved. | 18 |
| 20 | DeleteCustomerAccount | Allows for a customer that no longer exists to be deleted, requires needing to be retrieved. | 18 |
| 21 | ApplyDiscount | Allows for a customer to have a discount, requires the ability to retrieve a customer account. | 18 |
| 22 | FixedDiscount | Allows for a customer to have a fixed discount, extends ApplyDiscount. | 21 |
| 23 | FlexibleDiscount | Allows for a customer to have a discount based on the number of products they have purchased, extends ApplyDiscount. | 21 |
| 24 | RecordPayment | Allows for a payment to be recorded, requires the customer account system to exist. | 1 |
| 25 | RecordCardPayment | Allows for a card payment, inherits RecordPayment. | 24 |
| 26 | RecordCashPayment | Allows for cash payment, inherits RecordPayment. | 24 |
| 27 | RecordChequePayment | Allows for a cheque payment, inherits RecordPayment. | 24 |
| 28 | RecordInvoicePayment | Allows for an invoice payment, inherits RecordPayment. | 24 |
| 29 | RecordLatePayment | This processes late payments, extends RecordPayment. | 18, 24 |
| 30 | RecordUSDConvertedPayment | This converts local to USD for payments, extends RecordPayment. | 24 |
| 31 | RetrievePaymentRecord | Allows for payment records to be retrieved for modification and refunding. | 24 |
| 32 | ModifyPaymentRecord | Allows for payment records to be modified, a key feature, requires the ability to retrieve the record. | 31 |
| 33 | RecordRefund | Allows for a payment to be refunded which requires the ability to retrieve the payment record. | 31 |
| 34 | ReturnUnusedBlankStock | Allows for the unused blanks to be marked as returned, required feature. Requires actual blanks in the system. | 1 |
| 35 | AssignBlank | Allows for blanks to be assigned to an advisor, required feature. Requires actual blanks in the system. | 1 |
| 36 | ReAssignBlank | Allows for blanks to be re-assigned to an advisor, requires the ability to assign blanks. | 35 |
| 37 | RetrievePaymentRecords | Retrieves all payment records for reports. This requires something to actually create payment records. | 1 |
| 38 | GenerateTicketStockReport | Allows the generation of the ticket stock report, requires something to add blanks. | 9 |
| 39 | GenerateLocalSalesReport | Allows the generation of domestic sales reports using retrieved payment records. | 37 |
| 40 | GenerateInterlineSalesReport | Allows the generation of interline sales reports using the retrieved payment records. | 37 |
| 41 | GenerateLocalIndividualSalesReport | Allows the generation of staff specific domestic sales reports, everything else is required. | 5, 39 |
| 42 | GenerateInterlineIndividualSalesReport | Allows the generation of staff specific interline sales reports, everything else is required. | 5, 40 |
| 43 | GenerateLocalFullSalesReport | Allows the generation of domestic sales for all advisors, required but everything else is required. | 39 |
| 44 | GenerateInterlineFullSalesReport | Allows the generation of interline sales for all advisors, required but everything else is required. | 40 |
| 45 | RefundCustomerDiscounts | Allows for customers with cumulative discounts to be refunded, not as important as customers could just pay less on purchase. | 18 |
| 46 | PaymentTooLateAlert | Alerts to payments made after 30 days of non-payment, least needed of the requirements. | 18, ~~1~~ |