

DIGITAL CONTENT SAMPLE

System Specification Guide

This System Specification Guide was created for the developers who were customizing the functions of the product. Module-wise content was created and shared with the client.



Microsoft Word was used as the authoring tool to create this guide. A template with standard sections of the guide was used to maintain consistency in the content structure for all the modules of this guide.



TechSmith Snagit was used to capture and illustrate the screenshots of the product.



We adhered to a set of guidelines that was exclusively compiled to write system specifications for the product.



The guide includes a functional overview and field-level specification details for each screen of the product. The developers who were customizing the functions of the product used these details to understand each field's purpose and behavior.



ABC System Specification Guide

Version 1.0

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1 Introduction

This guide is organized based on the functional areas of the BBB application. Under each functional area an overview is added about the function, both the input and outputs screens are provided with each field's purpose and expected behavior.

2 ABC Function Overview

The XYZs are issued for selling ancillary services, or collecting service fees. These fees and charges may relate to flight services such as bags, pre-assigned seats and meals, or may be used to collect penalty fees, or for residual value. The following are the two types of XYZs:

- XYZ - 1 for services related to a specific flight
- XYZ - 2 for standalone services

These services can be purchased either through the standalone XYZ framework or through the Services functionality.

2.1 In Scope

- Standalone XYZ Framework
- Services via Service List
- Standalone XYZ Coupon

2.2 Not Supported

- Document Issuance

2.3 Input/Output Screens

This section includes the input and output screens of the ABC function.

2.3.1 Input Screen (search for flights)

To book a PNR in the airline reservation system, first the flights have to be searched. To search the flight information, click on the flight icon on the home screen.

The Search Flights screen is displayed.

- **Grouping Name:** Search Flights
- **Name:** One way
 - **Description:** Selects one way journey
 - **Field Type:** Radio button
 - **Expected Response Behavior:** Selects the one way journey to search flights.
 - **Source:** User Input
- **Name:** Round trip
 - **Description:** Selects round trip journey
 - **Field Type:** Radio button
 - **Expected Response Behavior:** Selects the round trip journey to search flights.
 - **Source:** User Input

- **Name:** Multi-city
 - **Description:** Selects journey with multiple cities
 - **Field Type:** Radio button
 - **Expected Response Behavior:** Selects the multi-city journey to search flights.
 - **Source:** User Input

- **Name:** From
 - **Description:** Starting point of the journey
 - **Field Type:** List box
 - **Possible Values:** City name from where the journey starts
 - **Data Examples:** See the screen shot below for an example of the list:

The screenshot shows a dropdown menu titled 'From'. The input field contains the text 'hyd'. Below the input field, a list of suggestions is displayed. The first suggestion, 'Hyderabad, IN - Rajiv Gandhi I...', is highlighted in blue. Other visible suggestions include 'Hyderabad, Pakistan - Hydera...' and 'Sunshine Coast, AU - Marooch...'.

- **Expected Response Behavior:** Allows selecting the source of the journey
 - **Source:** User Input

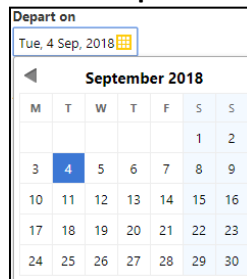
- **Name:** To
 - **Description:** Destination of the journey
 - **Field Type:** List box
 - **Possible Values:** City name where the journey ends
 - **Data Examples:** See the screen shot below for an example of the list:

The screenshot shows a dropdown menu titled 'To'. The input field contains the text 'pun'. Below the input field, a list of suggestions is displayed. The first suggestion, 'Pune, IN - Lohegaon (PNQ)', is highlighted in blue. Other visible suggestions include 'Punta Cana, DO - Punta Cana (...)', 'Punta Arenas, CL - Presidente I...', 'Punta Del Este, UY - Capitan C...', 'Punta Gorda, BZ - Punta Gorda...', 'Punta Penasco, MX - Puerto Pe...', 'Palermo, IT - Punta Raisi', and 'Bandar Lampung-sumatra Isla...'.

- **Expected Response Behavior:** Allows selecting the source of the journey
 - **Source:** User Input

- **Name:** Depart on (Direct Input)
 - **Description:** Date of departure of the journey
 - **Field Type:** Text
 - **Possible Values:** Date
 - **MMDDYYYY:** Jan012015
 - **DAY,DDMMM,YYYY:** Sun,02Jan,2015

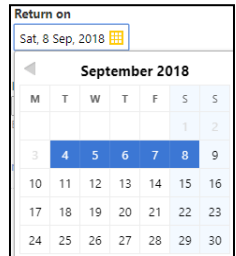
- **MM/DD/YYYY:** 01/03/2015
 - **Expected Response Behavior:** Allows the user to enter the date of departure of the journey. It is possible that some carriers will display the date in a different format; those listed above are the most common. To select the date from a calendar, there is also a Calendar control that will drop down when clicked. The date entered in any format is converted to the DAY,DDMMM,YYYY format in the output.
 - **Source:** User Input
- **Name:** Depart on (Calendar Control)
 - **Description:** Date of departure of the journey
 - **Field Type:** Calendar
 - **Possible Values:** Date selected from the Calendar control
 - **Data Examples:** See the screen shot below for an example of the calendar:



- **Expected Response Behavior:** Allows the user to select the date of departure of the journey from the calendar control. It is possible that some carriers will display the date in a different format; those listed above are the most common. To enter the date, there is also a text area provided. The date entered in any format is converted to the DAY,DDMMM,YYYY format in the output.
 - **Source:** User Input
- **Name:** Return on (Direct Input)
 - **Description:** Date of return of the journey
 - **Field Type:** Text
 - **Possible Values:** Date
 - **MMMDDYYYY:** Jan012015
 - **DAY,DDMMM,YYYY:** Sun,02Jan,2015
 - **MM/DD/YYYY:** 01/03/2015
 - **Expected Response Behavior:** Allows the user to enter the date of return of the journey. It is possible that some carriers will display the date in a different format; those listed above are the most common. To select the date from a calendar, there is also a Calendar control that will drop down when clicked. The date entered in any format is converted to the DAY,DDMMM,YYYY format in the output.
 - **Source:** User Input

- **Name:** Return on (Calendar Control)

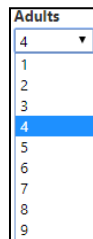
- **Description:** Date of return of the journey
- **Field Type:** Calendar
- **Possible Values:** Date selected from the Calendar control
- **Data Examples:** See the screen shot below for an example of the calendar:



- **Expected Response Behavior:** Allows the user to select the date of return of the journey from the calendar control. It is possible that some carriers will display the date in a different format; those listed above are the most common. To enter the date, there is also a text area provided. The date entered in any format is converted to the DAY,DDMMM,YYYY format in the output.
- **Source:** User Input

- **Name:** Adults

- **Description:** Select number of adults travelling
- **Field Type:** Dropdown
- **Possible Values:** Numeric value for number of adults
- **Data Examples:** See the screen shot below for an example of the dropdown:



- **Expected Response Behavior:** Allows selecting the number of adults in the journey
- **Source:** User Input

- **Name:** Children

- **Description:** Select number of children travelling
- **Field Type:** Dropdown
- **Possible Values:** Numeric value for number of children
- **Data Examples:** See the screen shot below for an example of the dropdown:

- **Expected Response Behavior:** Allows selecting the number of children in the journey
- **Source:** User Input

- **Name:** Infants

- **Description:** Select number of infants travelling
- **Field Type:** Dropdown
- **Possible Values:** Numeric value for number of infants
- **Data Examples:** See the screen shot below for an example of the dropdown:







- **Expected Response Behavior:** Allows selecting the number of infants in the journey
- **Source:** User Input

- **Name:** Search Flights

- **Description:** Searches the flights as per the data selected
- **Field Type:** Button
- **Expected Response Behavior:** Clicking on this button will display related flights
- **Source:** User Input

2.3.2 Output Screen (search for flights)

Displays the list of flights with details such as airline, arrival time, departure time, duration, and price to book the tickets.

Airline	Depart	Duration	Price ↑	Airline	Depart	Duration	Price ↑
 02:30 IndiGo 6E-241	03:40	1h 10m non-stop	₹ 17,118	 04:20 IndiGo 6E-242	05:40	1h 20m non-stop	₹ 16,410
 22:05 IndiGo 6E-118	23:15	1h 10m non-stop	₹ 17,694	 23:45 IndiGo 6E-122	00:55	1h 10m non-stop	₹ 16,410
 06:05 Jet Airways 9W-922	07:10	1h 5m non-stop	₹ 19,116	 05:35 Jet Airways 9W-173	06:50	1h 15m non-stop	₹ 20,358

- **Name:** Airline
 - **Description:** Logo of the airline

- **Field Type:** Image
- **Possible Values:** Logo of the airline
- **Source:** Transaction Response

- **Name:** Depart
 - **Description:** Departure and arrival timings of the journey
 - **Field Type:** Text
 - **Possible Values:** Departure and arrival timings in HH:MM format
 - **Source:** Transaction Response

- **Name:** Duration
 - **Description:** Total duration of the journey
 - **Field Type:** Text
 - **Possible Values:** Duration of the journey in HH:MM format
 - **Source:** Transaction Response

- **Name:** Price
 - **Description:** Total amount of the ticket
 - **Field Type:** Text
 - **Possible Values:** Ticket amount
 - **Source:** Transaction Response

2.4 Related Transactions / Schemas

The transactions that are used within the module whose functionality is being described will be listed in this section. The structure of this area is as follows:

- **Main**
 - SearchFlights
 - Pricing
- **Related**
 - Related Transaction

3 DEF Function Overview

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3.1 In Scope

<<Please note that this sample does not include the complete content in all the Chapters/Sections/Headings of this document. >>

3.2 Out of Scope

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3.3 Input/Output Screens

<<Please note that this sample does not include the complete content in all the Chapters/Sections/Headings of this document. >>

3.3.1 Input Screen

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3.3.2 Output Screen

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3.4 Related Transactions / Schemas

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