



University of the Philippines Open University

A WEB-BASED EXPERT DECISION SUPPORT SYSTEM FOR ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY (ISAT U) UTILIZING POWER BI

Use Case Suite

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USE CASES BY FUNCTIONAL AREA

Secure Access of the System

- [UC - 00](#): Log-in to the System
- [UC - 01](#): Log-out to the System
- [UC - 02](#): Add Staff Account
- [UC - 03](#): Search Staff Account
- [UC - 04](#): Delete Staff Account
- [UC - 05](#): Show All Staff Interaction
- [UC - 06](#): Send Inquiry
- [UC - 07](#): Reply Inquiry

Reservation

- [UC - 08](#): Reserve Room
- [UC - 09](#): View Availability of Rooms
- [UC - 10](#): Cancel Customer Reservation
- [UC - 11](#): Confirm Customer Reservation
- [UC - 12](#): Edit Customer Reservation
- [UC - 13](#): View All Confirmed Reservation
- [UC - 14](#): Search Room Reservation
- [UC - 15](#): Update Room Price
- [UC - 16](#): Avail Room Promo
- [UC - 17](#): Add Room Promo
- [UC - 18](#): Delete Room Promo

Billing

- [UC - 19](#): Print Reservation Details and Bill
- [UC - 20](#): Pay Reservation Bill
- [UC - 21](#): Calculate Customer Account
- [UC - 22](#): Check Billing of Customer

Dashboard with Decision Support Capabilities (Power BI)

- [UC - 23](#): View Hotel Performance
- [UC - 24](#): Generate Sales Report (Analytics)
- [UC - 25](#): Print Dashboard Data (Power BI)
- [UC - 26](#): Publish Report to Power BI Online
- [UC - 27](#): Share Report to Organization Online (Power BI)

USE CASES BY ACTORS

The following actors' information is shown in the use case diagram:

Administrator and Staff

[UC - 00](#): Log-in to the System

[UC - 01](#): Log-out to the System

[UC - 07](#): Reply Inquiry

Administrator

[UC - 02](#): Add Staff Account

[UC - 03](#): Search Staff Account

[UC - 04](#): Delete Staff Account

[UC - 05](#): Show All Staff Interaction

[UC - 15](#): Update Room Price

[UC - 16](#): Avail Room Promo

[UC - 17](#): Add Room Promo

[UC - 18](#): Delete Room Promo

[UC - 23](#): View Hotel Performance

[UC - 24](#): Generate Sales Report (Analytics)

[UC - 25](#): Print Dashboard Data (Power BI)

[UC - 26](#): Publish Report to Power BI Online

[UC - 27](#): Share Report to Organization Online (Power BI)

Staff

[UC - 08](#): Reserve Room

[UC - 09](#): View Availability of Rooms

[UC - 10](#): Cancel Customer Reservation

[UC - 11](#): Confirm Customer Reservation

[UC - 12](#): Edit Customer Reservation

[UC - 13](#): View All Confirmed Reservation

[UC - 14](#): Search Room Reservation

[UC - 19](#): Print Reservation Details and Bill

[UC - 21](#): Calculate Customer Account

[UC - 22](#): Check Billing of Customer

Customer

[UC - 06](#): Send Inquiry

[UC - 08](#): Reserve Room

[UC - 09](#): View Availability of Rooms

[UC - 20](#): Pay Reservation Bill

USE CASES BY PRIORITY

Essential

[UC - 00](#): Log-in to the System
[UC - 01](#): Log-out to the System
[UC - 02](#): Add Staff Account
[UC - 03](#): Search Staff Account
[UC - 04](#): Delete Staff Account
[UC - 05](#): Show All Staff Interaction
[UC - 08](#): Reserve Room
[UC - 09](#): View Availability of Rooms
[UC - 10](#): Cancel Customer Reservation
[UC - 11](#): Confirm Customer Reservation
[UC - 13](#): View All Confirmed Reservation
[UC - 14](#): Search Room Reservation
[UC - 15](#): Update Room Price
[UC - 16](#): Avail Room Promo
[UC - 17](#): Add Room Promo
[UC - 18](#): Delete Room Promo
[UC - 19](#): Print Reservation Details and Bill
[UC - 20](#): Pay Reservation Bill
[UC - 22](#): Check Billing of Customer
[UC - 23](#): View Hotel Performance
[UC - 24](#): Generate Sales Report (Analytics)
[UC - 26](#): Publish Report to Power BI Online

Expected

[UC - 06](#): Send Inquiry
[UC - 07](#): Reply Inquiry
[UC - 12](#): Edit Customer Reservation
[UC - 21](#): Calculate Customer Account
[UC - 25](#): Print Dashboard Data (Power BI)
[UC - 27](#): Share Report to Organization Online (Power BI)