

Send Accommodation Process

Shared Irshad Subprocess for Department Notification

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1. Executive Summary

This is a compact shared subprocess used by accommodation case processes to send accommodation instructions to a recipient and capture acknowledgement.

The model contains two pools: **Irshad** and **Recipient**. Irshad generates a read-receipt link, sends an email, waits for acknowledgement, and records the acknowledgement event.

2. Actors and Responsibilities

Actor	Responsibility
Irshad (system pool)	Generates read-receipt link, drafts outbound email, sends email, waits for acknowledgement event, and registers acknowledgement.
Recipient (user pool)	Opens email, reads accommodations, opens read-receipt link, and explicitly acknowledges accommodations.

3. Core Logic

- After recipient identification, Irshad executes system tasks to build a traceable email package (accommodations + read-receipt link).
- Recipient actions culminate in an acknowledgement end event, which returns to Irshad through a message flow.
- Irshad then records acknowledgement as a script task and ends the subprocess.

4. Process Map (BPMN)

BPMN Diagram Notice: This document export excludes the interactive BPMN diagram.

To view the full process map, please visit:

ba-dsa.pages.dev → **Send Accommodation Process**

5. Compact Walkthrough

Step	Pool	Action	Outcome
1.0	Irshad	Generate read-receipt link and draft email	Email package prepared for recipient.
2.0	Irshad	Send email to recipient	Recipient receives the message in inbox.
3.0	Recipient	Open email, read accommodations, open read-receipt link	Recipient is ready to acknowledge accommodations.
4.0	Recipient	Acknowledge accommodations	Acknowledgement event is emitted back to Irshad.
5.0	Irshad	Register recipient acknowledgement	Subprocess ends with acknowledgement registered.

6. Inputs, Outputs, and Controls

Inputs

- Recipient identified event/context.
- Accommodation content prepared by the parent process.

Outputs

- Outbound email with accommodation details and read-receipt link.
- Acknowledgement registered in Irshad.

Control points

- Event-based wait in Irshad for acknowledgment receipt event.
- Explicit message flow from recipient acknowledgment back to Irshad.
- Scripted registration step before subprocess completion.