

Archimate for Cheapflight Airline

Archimate Layered Architecture

For Cheapflight Airlines model part of the Enterprise Architecture using ArchiMate. Here is some information that should be in the model:

Part 1

The passenger can book flights online. The booking process uses the reservation system for flight reservation. The reservation system also offers a seat reservation which serves the check-in process.

From booking the customer receives a ticket, which is stored as e-ticket in the reservation system.

The passenger can get the ticket as SMS or as PDF.

Part 2

The departure process consists of check-in, baggage drop-off and boarding. The passenger can check in online or make self check-in via a kiosk system. For check-in the passenger needs a ticket. From check-in the customer receives a boarding pass.

The baggage drop-off is done by a customer agent.

Part 3

The reservation and ticket information are stored in a database management system, which runs on the LINUX server.

Part 4

The booking process uses a payment service of the reservation system. Payment is verified by an external payment provider.

Customer data are managed by the CRM system (Customer Relationship Management) and used by the reservation system.

Solution:

