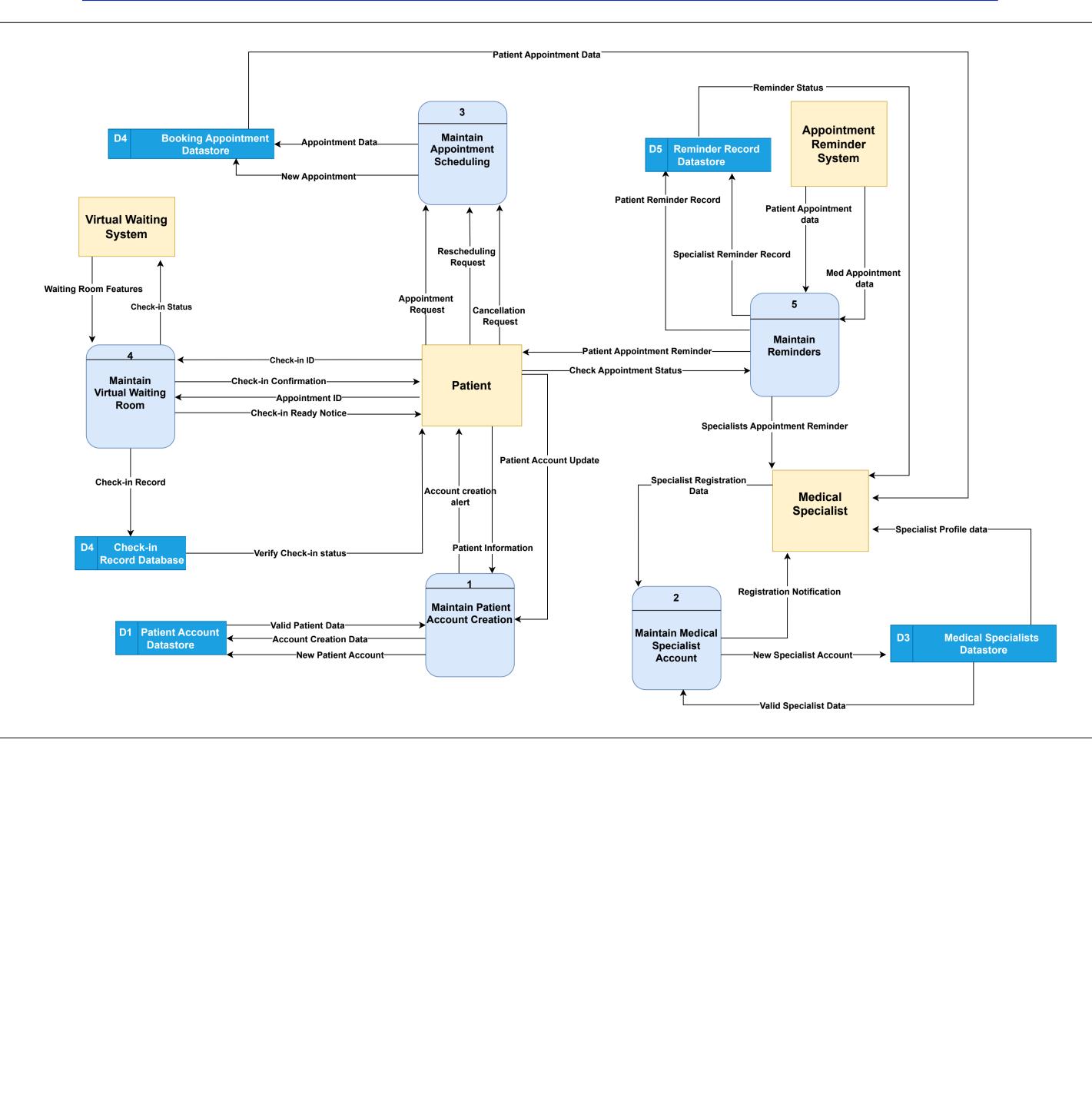


LEVEL 0 DFD



DATA FLOW DIAGRAMS

PROCESS 1 - LEVEL 1 (Patient account creation)

-Updated Account Confirmation-

1.3

Update Patient Account

1.4

Manage Confirmations

Valid Account Record

Appointment Reminder

System

-Valid Account Record-

-Account Creation Confirmation-

-Patient Account Update-

1.1

Create Patient Account

⁻Updated Account Data⁻

D1 Patient Account

Patient

1.2

Account

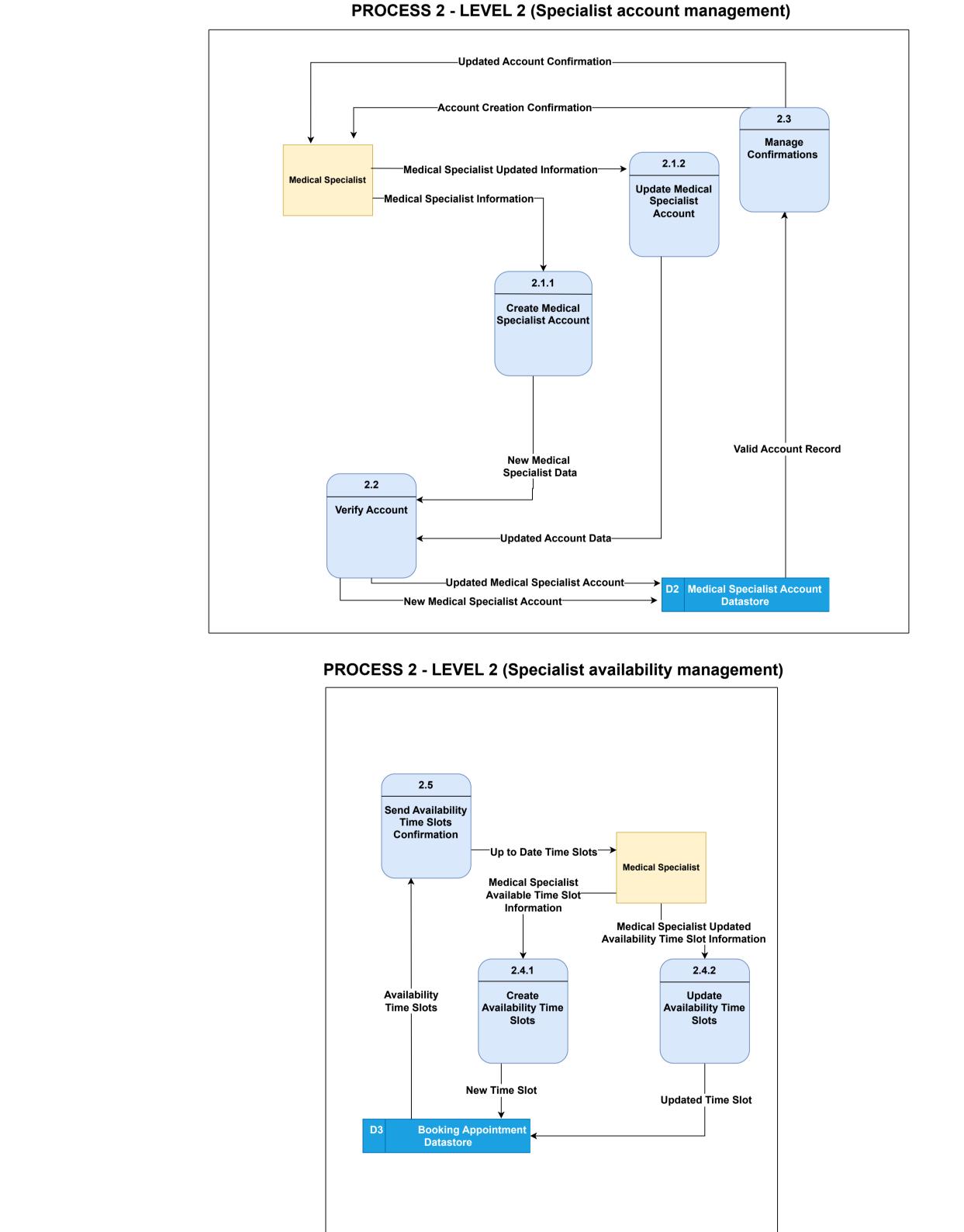
Verification

-Patient Information-

-New Patient Data-

-Updated Patient Account-

New Patient Account Datastore -Valid Patient Data-PROCESS 2 - LEVEL 1 (Specialist management) -Account Information Confirmation-2.3 Manage 2.5 Confirmations ⁻Time Slots Confirmation → Send Availability Time Slots **Medical Specialist** ─Medical Specialist Information─ Confirmation **Medical Specialist Availability Time Slot Information** 2.4 2.1 Manage Medical Specialist Account Manage Availability Time Availability Time Slots Slots Information Time Slot Booking Appointment Datastore **Valid Account Record** Medical **Specialist Data** 2.2 **Verify Account** D2 Medical Specialist Account Datastore Medical Specialist Account



PROCESS 3 - LEVEL 1 (Patient schedule appointment)

Cancellation

Request data

_Appointment Statues

Notification

Patient

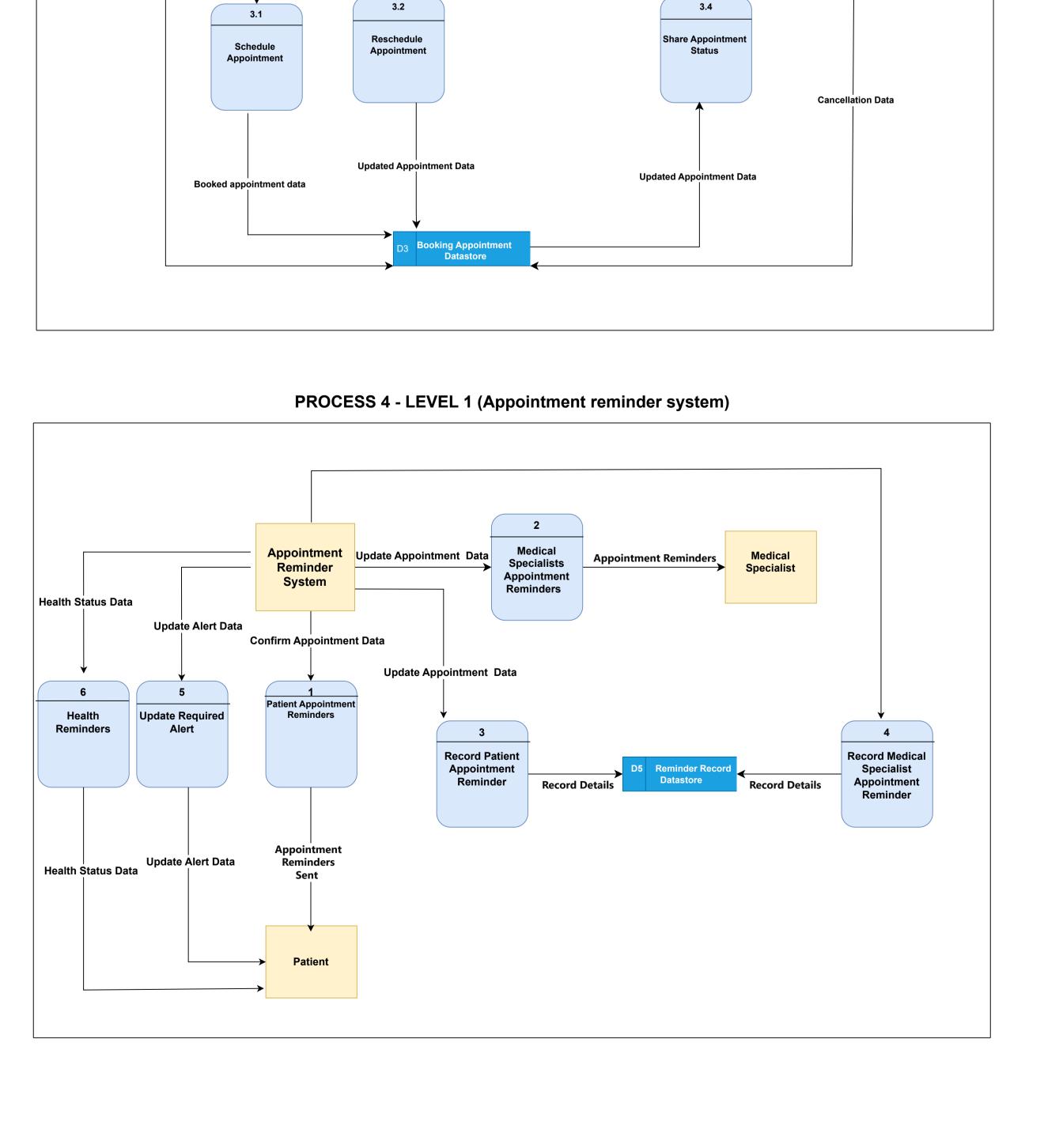
Rescheduling Request Data

Appointment Request Data

Updated appointment data

3.3

Cancel Appointment



4.2 **Appointment** Maintain Check-in **Patient** Reminder -Check-in Data-Notice -Check-in Notice-System 4.1 **Virtual Waiting Provide Waiting** -Waiting-room data--Waiting-room features-System **Room Features** Check-in ID -Check-in Status--Appointment ID-Check-in Record Datastore -Check-in Record-Maintain Check-in -Check-in Ready Notice-

PROCESS 5 - LEVEL 1 (Waiting room features)

Check-in Validation