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# Reservasi Konsultasi Dokter System (RESULDOK) in SATUSEHAT

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# Abstract

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**SATUSEHAT is a Ministry of Health Republic of Indonesia's program that provides access to healthcare services and information. Innovation in program's developments are essential to support Indonesia's healthcare transformation in infrastructure for the digital era. One of many innovations is allowing patients to make phone-in reservations for a doctor appointment, while electronic medical records are kept well in integrated systems and updated periodically in SATUSEHAT.**

***Keywords* — Reservation, SATUSEHAT, Event-Driven, Integrated, Health Instances**



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# Introduction

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Majority of Indonesia's healthcare reservation system is still using the traditional queueing on the spot for registration. Thus, a problem appeared about the reservation system. What needed to be addressed is how would patients make an appointment with a doctor without waiting on a line the same as other new patients that need to register first. The problem orbited around time and identified that healthcare needs to make appointments efficiently without taking a long time to queue. especially, registered patients in the same health instances or their medical record is integrated in SATUSEHAT.



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# Proposed Design

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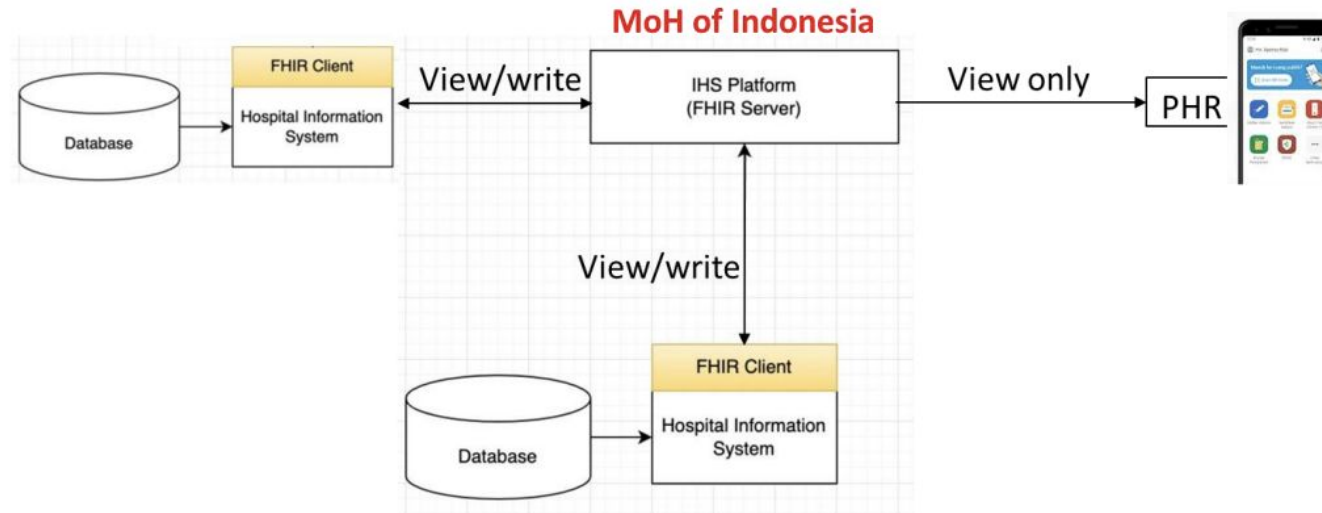
# Architecture Design

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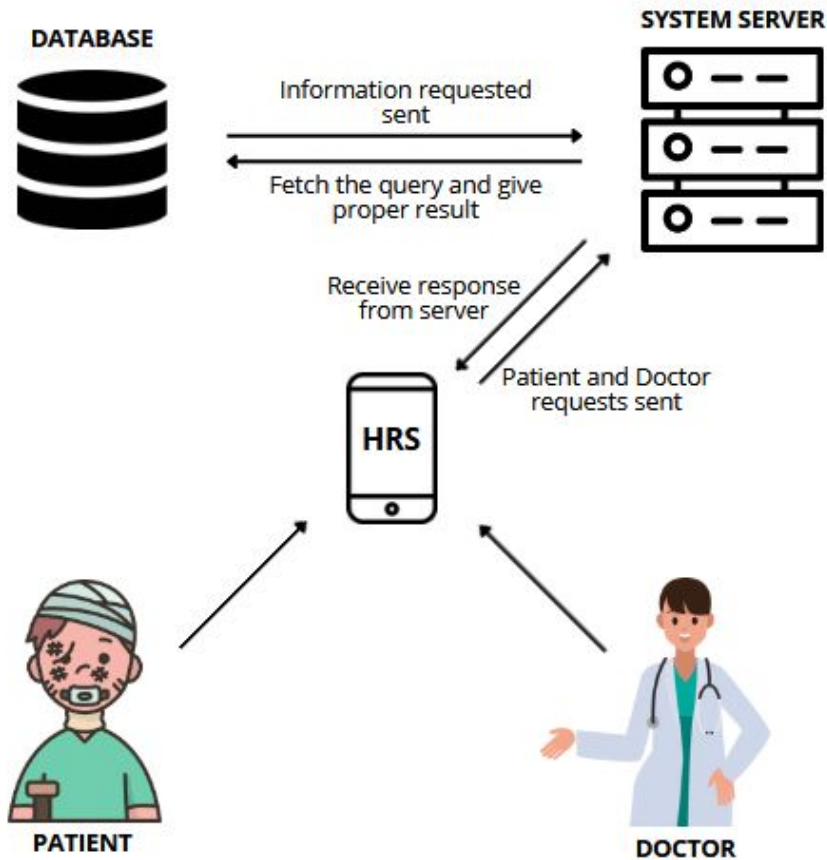


- Event-Driven Architecture
- Doctor will be notified when there's a new appointment from patients
- If the patients cancel the appointments doctor will be notified too





**Figure 1. Architecture of Satusehat platform**



# Features



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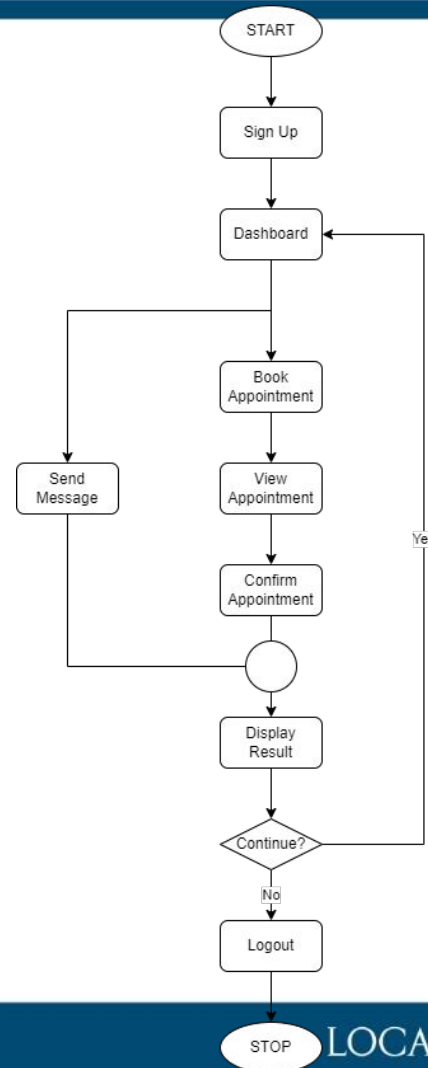
## Patients

- Profile
- *Booking appointment*
- *View appointment*
- *Delete appointment*

# Flowchart Pasien



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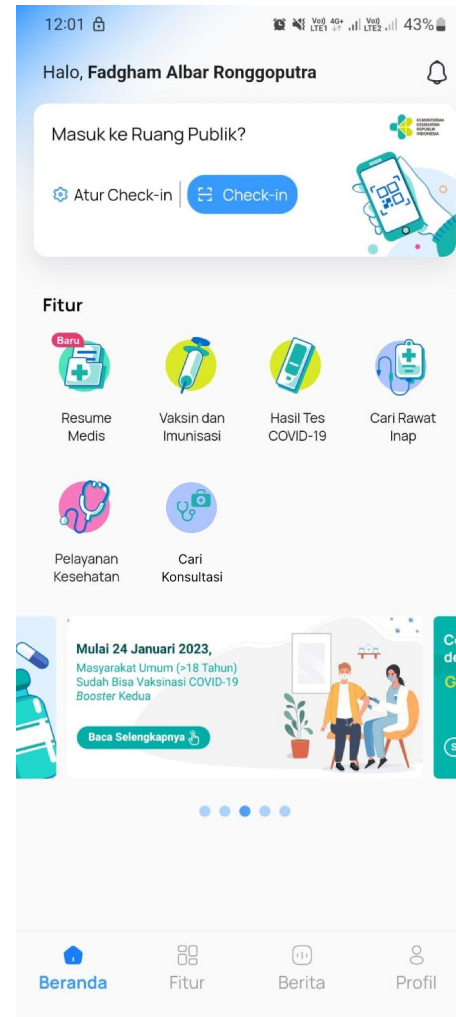
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# Interface Design

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# Patients Dashboard

- Medical Records/Profile
- Search Consultation



# Patients Search Consultation

- Search Province/City

Phone utility Bar

← Cari Konsultasi

**RESULDOK** **Kemenkes**

Propinsi  
-- ▾

Kab. Kota  
-- ▾

**Cari**

Silahkan Pilih Propinsi dan  
Kab. Kota terlebih dahulu

Phone utility Bar

← Cari Konsultasi

**RESULDOK** **Kemenkes**

Propinsi  
DKI JAKARTA ▾

Kab. Kota  
Kota Jakarta Selatan ▾

**Cari**

ditemukan 8 Rumah Sakit

🔍 Cari Rumah Sakit

**RS Umum Nama**

Jl. Umum RT. 000 RW. 000 Kelurahan Nama  
Kecamatan Nama Jakarta Selatan

*HOT LINE* 02123456789

**Pilih**

**RS Umum Nama**

Jl. Umum RT. 000 RW. 000 Kelurahan Nama  
Kecamatan Nama Jakarta Selatan

*HOT LINE* 02123456789

**Pilih**

**RS Umum Nama**

Phone utility Bar

← Cari Konsultasi

**RESULDOK** **Kemenkes**

**RS Umum Nama**  
Jl. Umum RT. 000 RW. 000 Kelurahan Nama  
Kecamatan Nama Jakarta Selatan

*HOT LINE* 02123456789 **Pilih**

**RS Umum Nama**

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**Pilih**

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*HOT LINE* 02123456789

**Pilih**

**RS Umum Nama**

Jl. Umum RT. 000 RW. 000 Kelurahan Nama  
Kecamatan Nama Jakarta Selatan

*HOT LINE* 02123456789

**Pilih**

**RS Umum Nama**

# Patients Search Consultation

- Search Specialty
- Search Doctor
- Search Schedule

Silahkan pilih Poliklinik terlebih dahulu

Phone utility Bar

← Cari Konsultasi

**RESULDOK** **Kemenkes**

Poliklinik  
--

Dokter  
--

Cari

Phone utility Bar

← Cari Konsultasi

**RESULDOK** **Kemenkes**

Poliklinik  
Bedah Mulut

Dokter  
--

Cari

Phone utility Bar

← Cari Konsultasi

**RESULDOK** **Kemenkes**

SENIN, 08-06-2023			
Tidak ada jadwal dokter			
SELASA, 08-06-2023			
Nama, Sp.B-KBD, dr. Bedah Mulut	Slot : 10	09:00-12:00	<input type="radio"/>
Nama, Sp.B-KBD, dr. Bedah Mulut	Slot : 10	09:00-12:00	<input type="radio"/>
RABU, 08-06-2023			
Nama, Sp.B-KBD, dr. Bedah Mulut	Slot : 10	09:00-12:00	<input type="radio"/>
Nama, Sp.B-KBD, dr. Bedah Mulut	Slot : 10	09:00-12:00	<input type="radio"/>
KAMIS, 08-06-2023			
Nama, Sp.B-KBD, dr. Bedah Mulut	Slot : 10	09:00-12:00	<input type="radio"/>
JUMAT, 08-06-2023			
Nama, Sp.B-KBD, dr. Bedah Mulut	Slot : 10	09:00-12:00	<input type="radio"/>
SABTU, 08-06-2023			
Nama, Sp.B-KBD, dr. Bedah Mulut	Slot : 10	09:00-12:00	<input checked="" type="radio"/>
MINGGU, 08-06-2023			
Nama, Sp.B-KBD, dr. Bedah Mulut	Slot : 10	09:00-12:00	<input type="radio"/>



## Patients Search Consultation

- View Consultation
- Cancel

Phone utility Bar

← Cari Konsultasi

**RESULDOK** **Kemenkes**

---

**KAMU MEMILIKI KONSULTASI PADA :**

**SABTU, 08-08-2023**  
**09:00 - 12:00**

**Nama, Sp.B-KBD, dr.**  
Bedah Mulut

**MOHON MELAKUKAN CHECK-IN**  
**1 JAM SEBELUM**  
**JAM KONSULTASI**

**PEMBATALAN DILAKUKUN**  
**1 HARI SEBELUM**  
**JAM KONSULTASI**

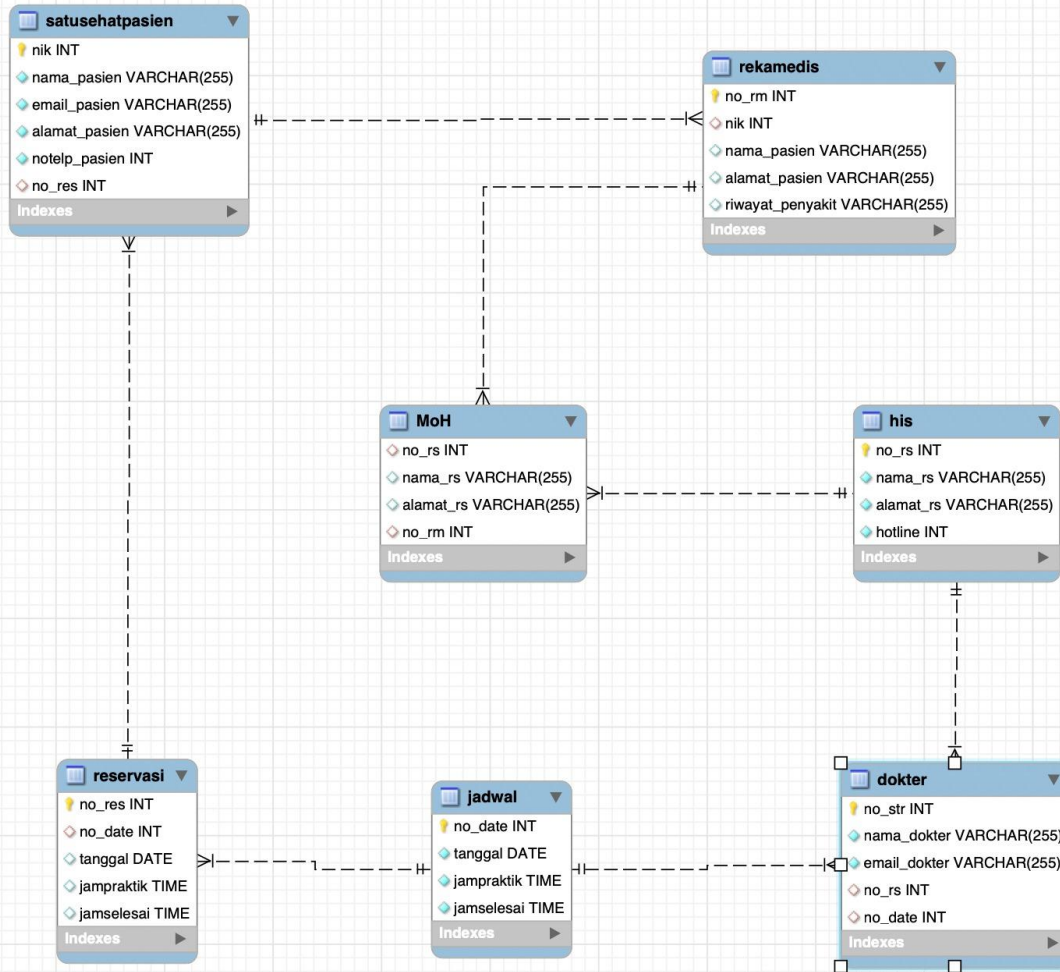
**CHECK-IN** **BATALKAN**



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# Data Design

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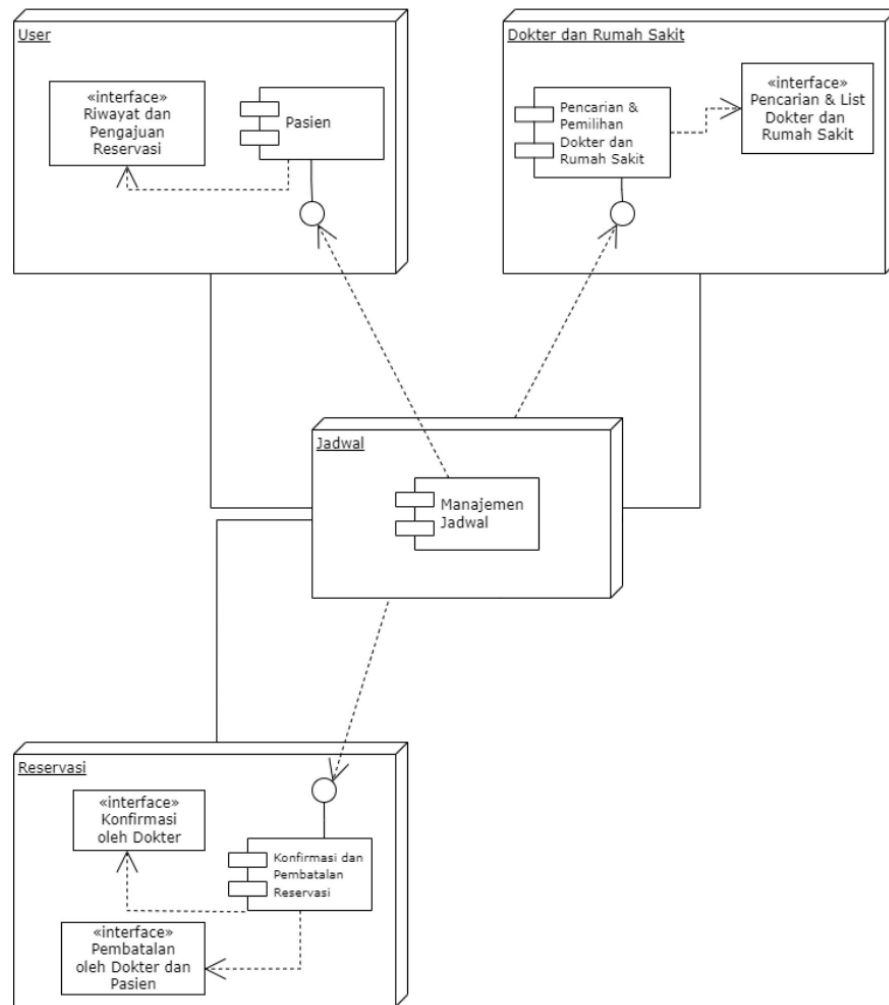




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# Component Design

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# Thank You

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