



KZDCARES

Better Health, Better Tomorrow

# KZDcares

Improving health at your fingertips

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KZD Solutions**

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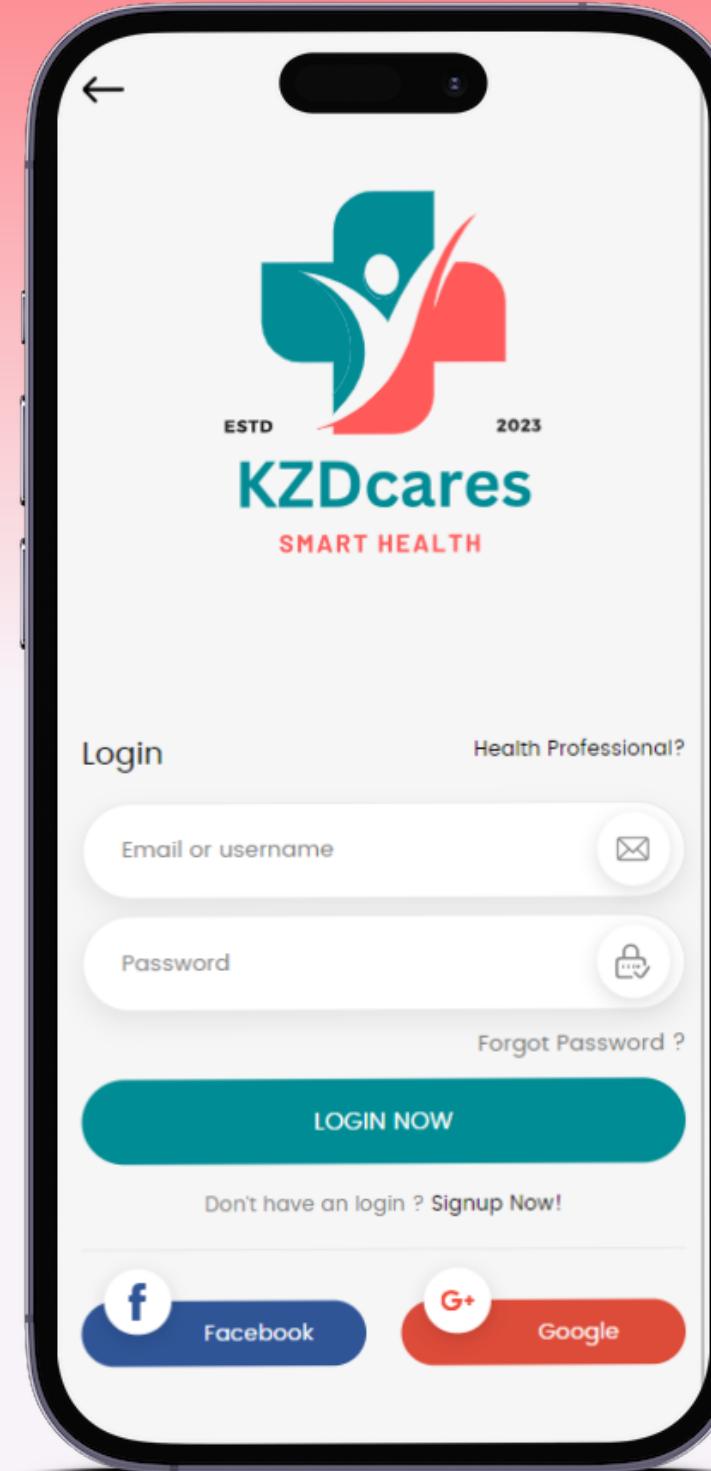
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Qualification: Meng: Industrial Engineering (full-time registered)

**NEXT →**

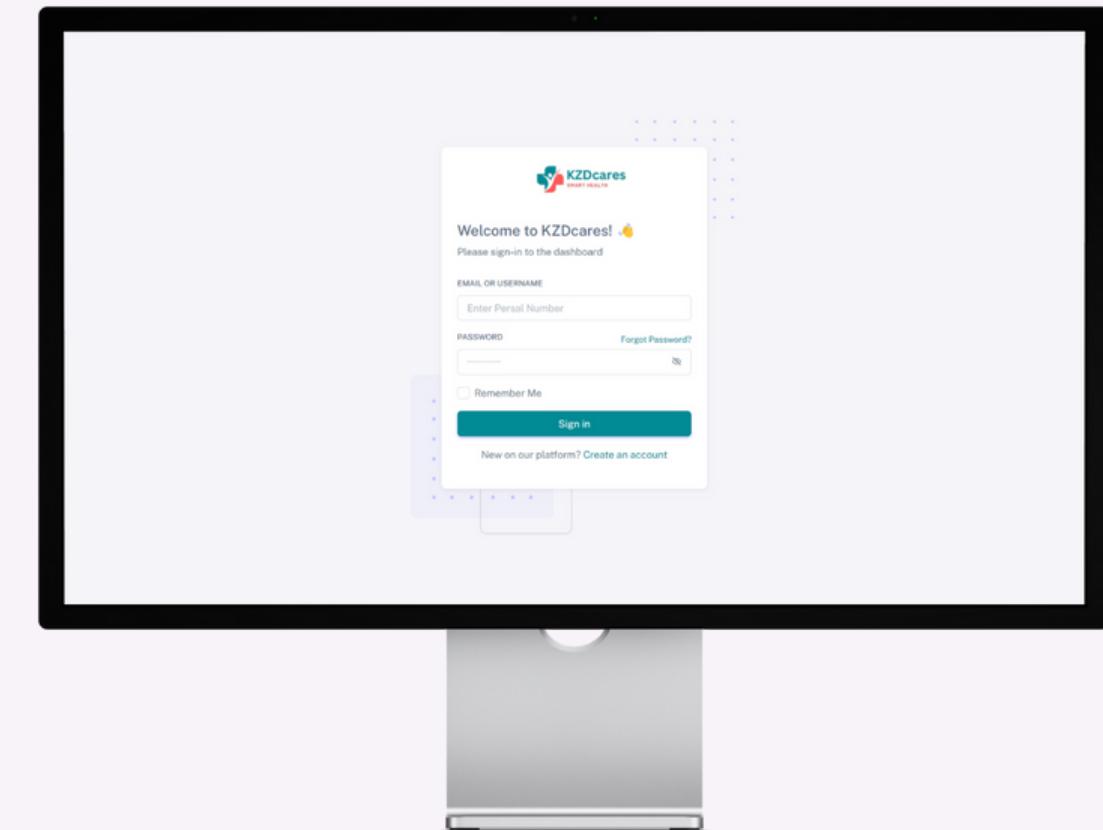


**WELCOME**



# Table Of Content

- The problem we are trying to Solve
- The proposed Solution to the problem
- The prototypes functionalities:
- Patient and Doctor Registrations
- Search for Clinic and health care facilities
- Booking an appointment
- Booking confirmation
- Patient health records
- Clinic and HC contact information
- Emergency facilities
- Admin Dashboard





# Problem Statement

The public healthcare system in South Africa (SA) is faced with multiple challenges such as:



01

02

03

## Inefficient Information Flow

Outdated patient record systems, both paper-based and electronic, contribute to medical errors and related issues.

## Lengthy Waiting Times

Long waiting times in clinics and hospitals are pervasive, and tragically, they sometimes lead to patient deaths.

## Limited Data Analytics Methods

Lack of essential data analytics hampers evidence-based decisions, efficient resource allocation, trend identification, and healthcare planning, leading to inefficiencies.



# What Is The Solution

KZD Solutions offers Lean methodology as a service to reduce healthcare inefficiencies in South Africa, in order to avoid any automation pitfalls with KZDcares.



01

**Electronic Health Records  
(EHRs)**

02

**Appointment Scheduling**

03

**Data Analytics Tools**

App uses Lean data analytics for actionable insights, enabling data-driven decisions and efficient resource allocation.

04

**Lean Healthcare**

Lean healthcare is an approach that optimizes processes, reduces waste, and improves efficiency to enhance patient care and healthcare delivery.

# Impact Of Solution

## ● Improved Patient Care

Patients benefit from reduced wait times, streamlined scheduling, and improved record access, enhancing healthcare experiences and health outcomes.

## ● Data-Driven Decision-Making

App's data analytics inform resource allocation, disease management, and planning, enhancing targeted healthcare interventions for better effectiveness.

## ● Innovation in Healthcare

Lean principles integrated into the eHealth app represent innovation in South African healthcare by digitizing and optimizing processes for efficiency.

## ● Enhanced Healthcare Efficiency

Healthcare providers and staff gain streamlined workflows, reducing administrative tasks and freeing time for patient care.

## ● Cost Savings

KZDcares app minimizes inefficiencies, errors, and optimizes resources, leading to cost savings in the South African public healthcare system.



# Who Will benefit?

## ● **Healthcare providers**

healthcare professionals (nurses, doctors) use the app for patient records, appointments, and data analytics, improving care and workflows.

## ● **Administrative Staff**

Healthcare administrative staff manage appointments, update data, and streamline operations with the app, reducing paperwork and overhead.

## ● **Patients**

The patients who are the end users will use the app for appointments, health records, and notifications, enhancing convenience and healthcare efficiency.

## ● **Policymakers and Healthcare Planners**

SA policymakers and healthcare planners benefit from app data analytics, gaining insights for healthcare trends, resource allocation, and policymaking.





SMARTPHONE PORTRAIT

# Patient Registration

Patient registration in KZDcares simplifies the onboarding process, gathering essential information efficiently, ensuring accurate record-keeping for improved healthcare management.



**Model**  
Notch

**Shadow**  
Yes

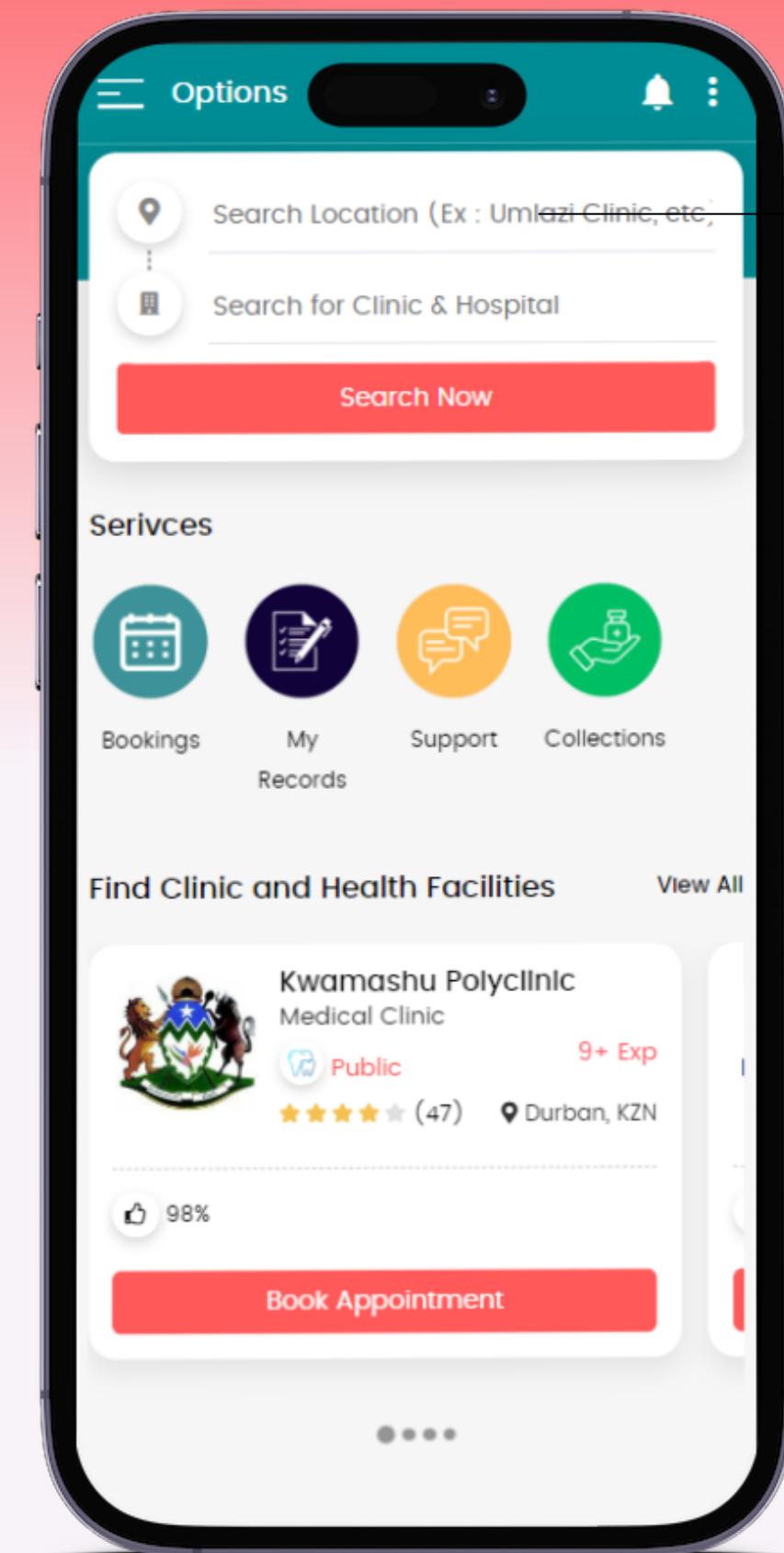
**Color**  
Black Midnight

**Keywords**  
Power  
Control  
Authority



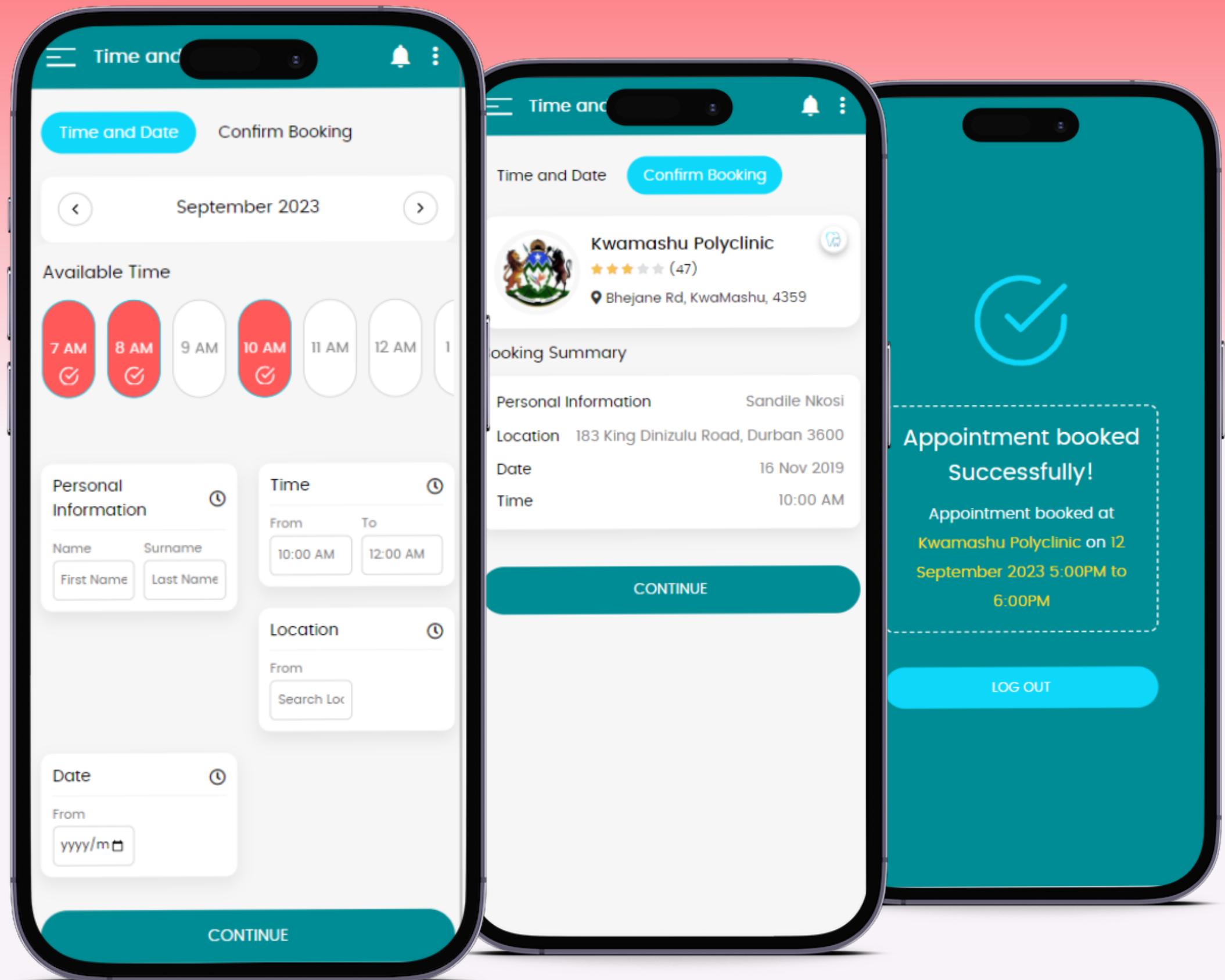
Dynamic Island

# Clinic and health care facility search



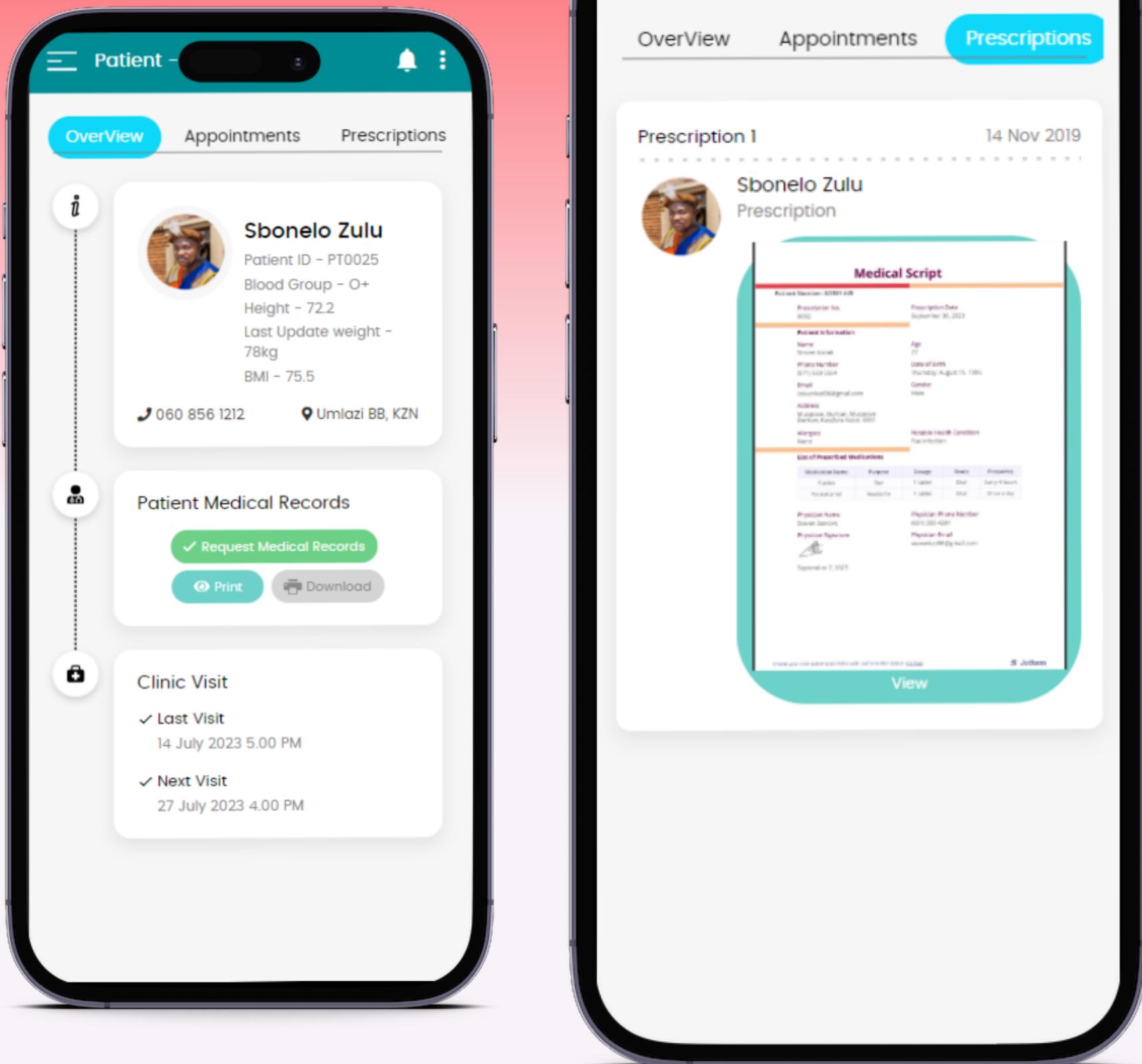
## ● Search Bar

The search feature in healthcare facilities streamlines tasks, including patient record access, appointment management, inventory control, and data security.



# Appointment Booking

The app enables seamless patient scheduling, reducing waiting room crowding and optimizing clinic schedules with Lean techniques.

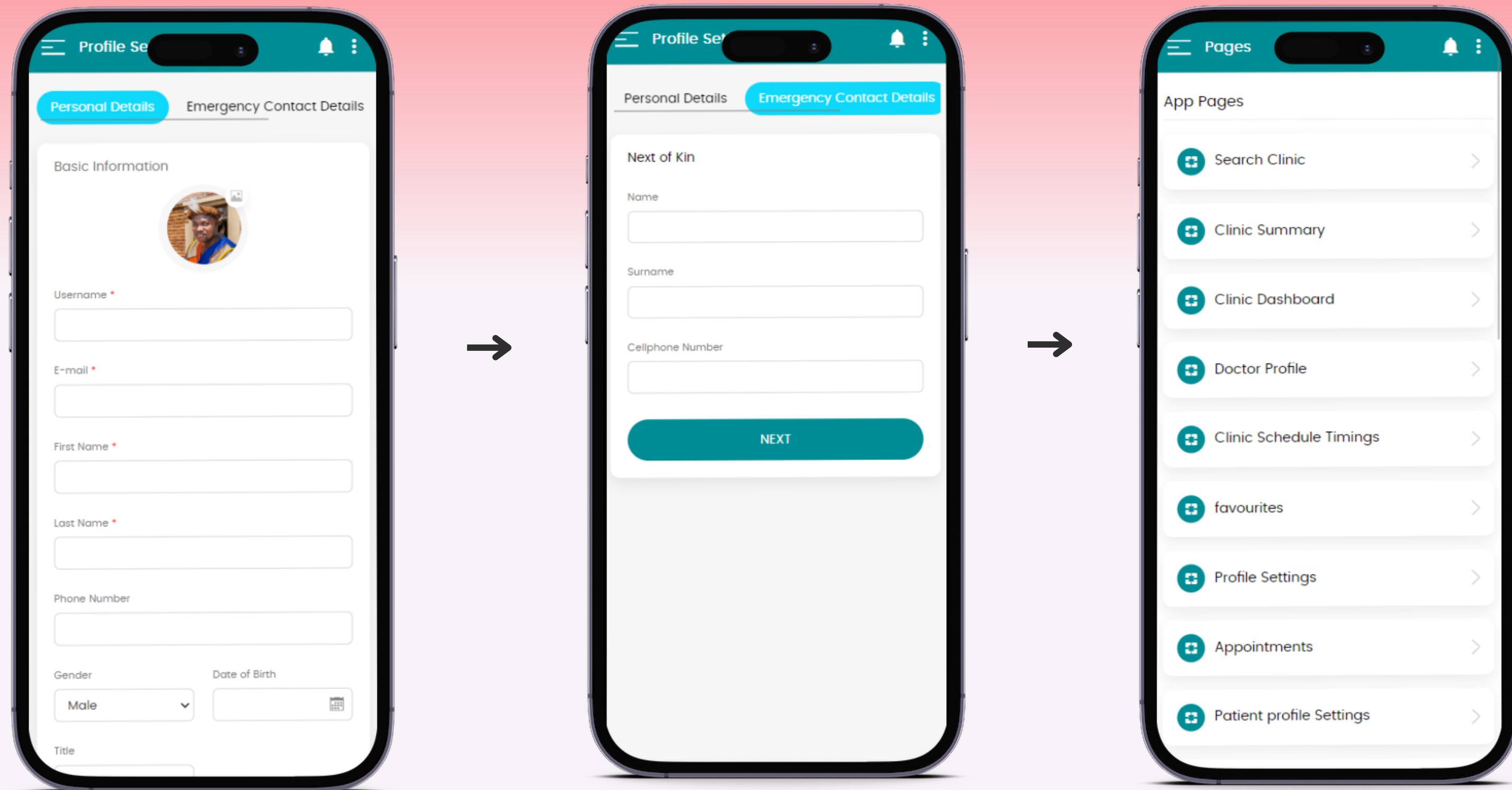


# Patient Health Records

App streamlines health records using Lean principles, ensuring swift, accurate access for healthcare providers.



# Patient Data Capture





# Doctor & Nurse Contact Information

Though black used in contrast—particularly with white or yellow—does create energy, black on its own can be depressing and can dampen the mood.





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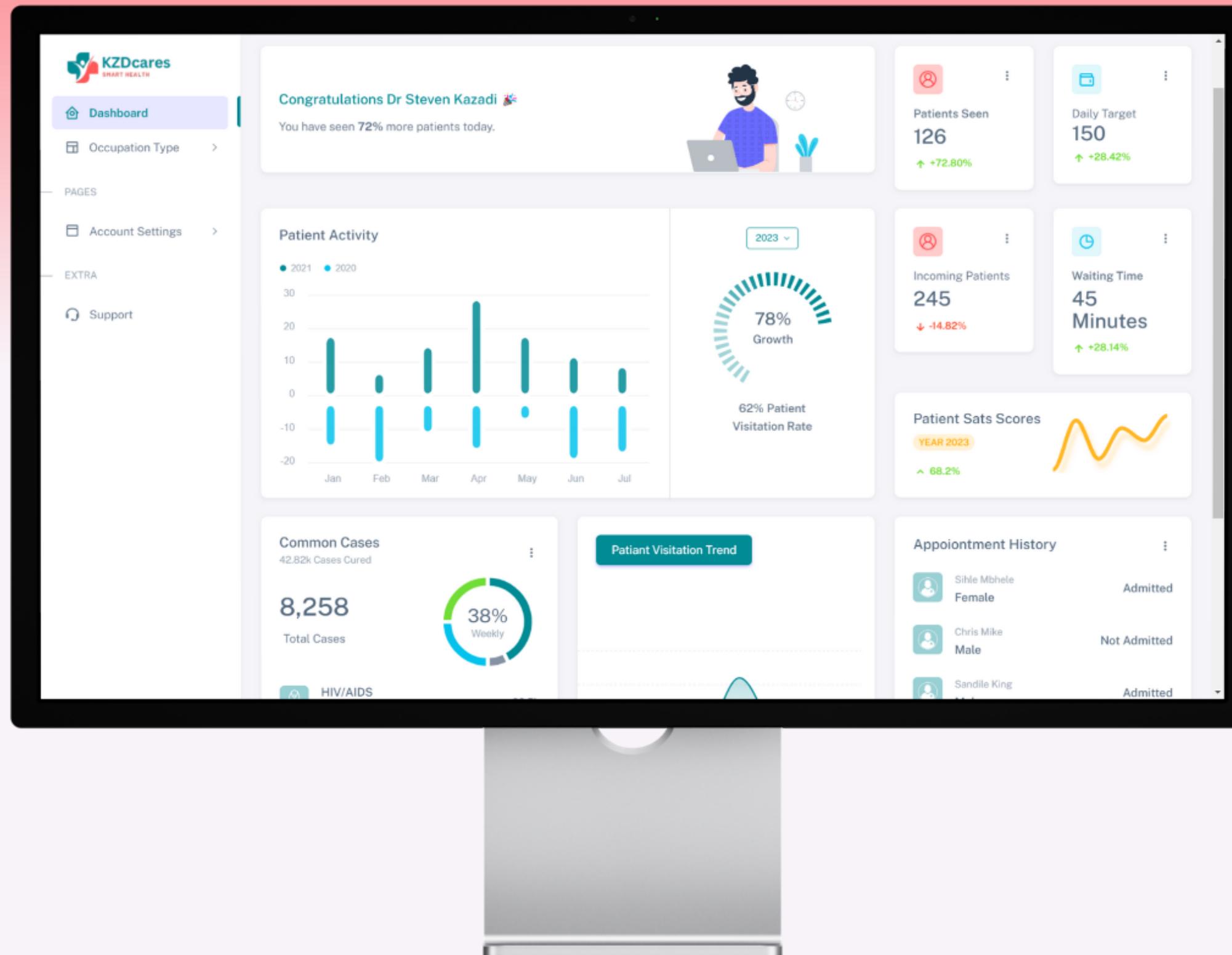


PRODUCT DEMO

# Virtual consultation



# Dashboard



## ● Performance Monitoring

Give access to key metrics like user behavior data and conversions.

## ● Data Analytics

App uses Lean data analytics for actionable insights, enabling data-driven decisions and efficient resource allocation.

## ● Reports

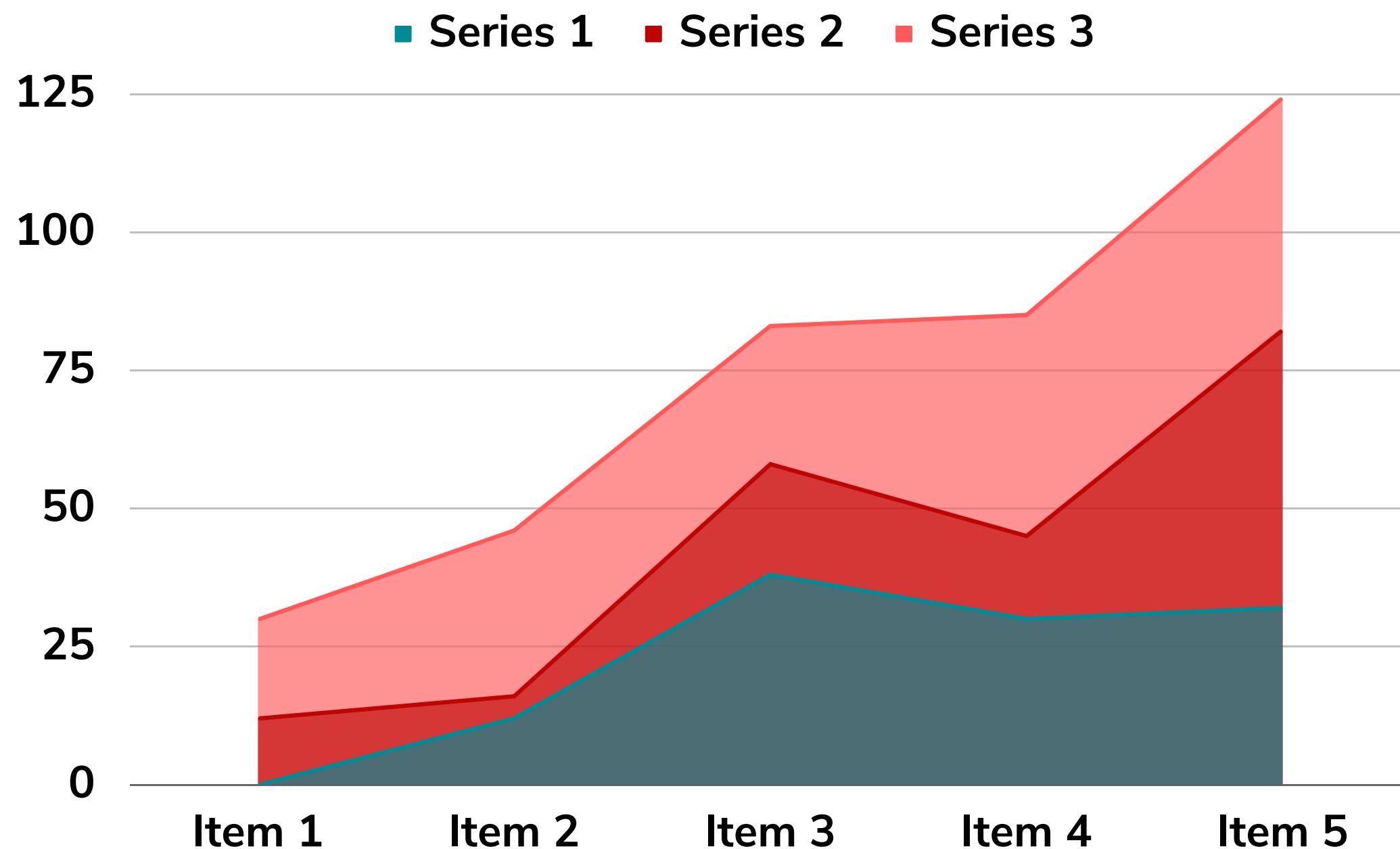
Generate reports and create daily, weekly or monthly snippets of the most significant metrics.

# The End

KZD CARES IN ASSOCIATIONS WITH COMPUTER GARDEN ISP

# Budget Allocation

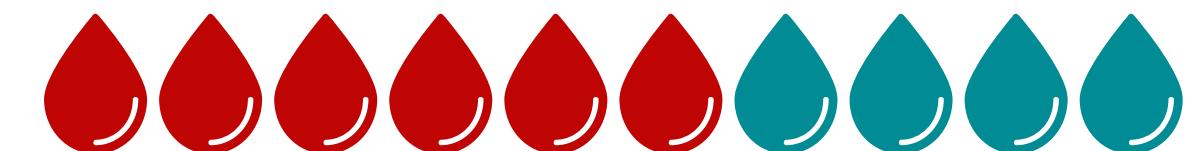
About Statistic



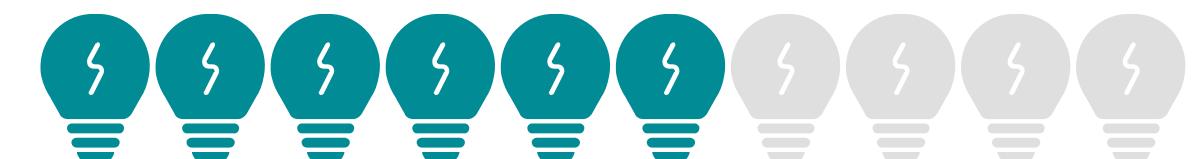
## RENTAL SPACE



## TRAVEL COSTS

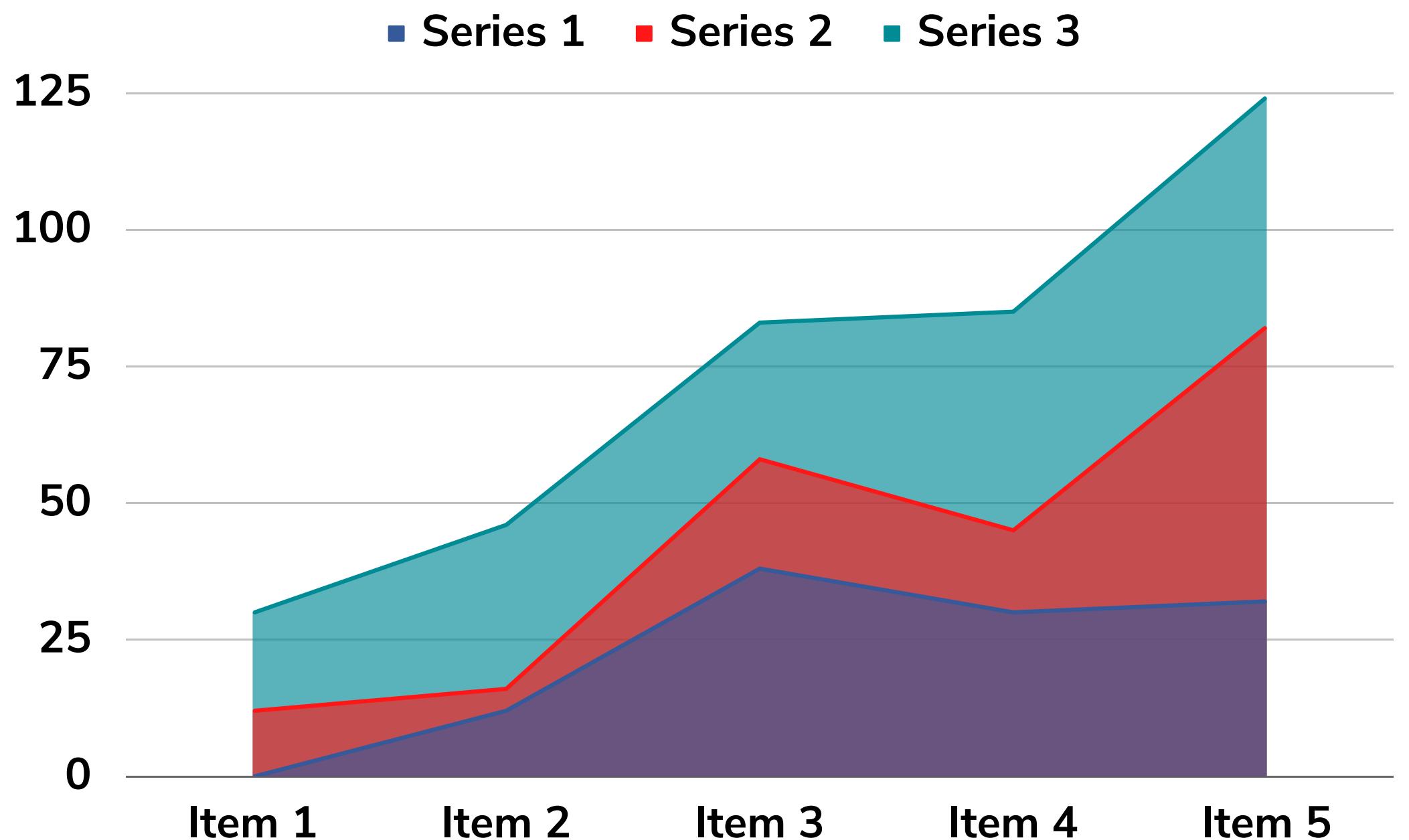


## INDUSTRIAL ENGINEER



# Budget Allocation

About Statistic



# BUSINESS ANALYST



# DATA ANALYST



# SOFTWARE DEVELOPER

