



Tech Comm Templates

Business Requirements Document (BRD)

Appointgenix

September 2022

Version 1.00

Company Information

BRD

1. Document Revisions

Date	Version Number	Document Changes
06/09/2022	0.1	Initial Draft

2. Approvals

Role	Name	Signature	Date
Developer	Hamza abualkhaier	Hamza abualkhaier	6/9/2022
Designer	Asmaa abohaty	Asmaa abohaty	6/9/2022
Business	Abdalrahman alshereef	Abdalrahman alshereef	6/9/2022
Marketing	Amr khaled	Amr khaled	6/9/2022

BRD

3. Introduction

3.1. Project Summary

3.1.1.Objectives

The objective of the project (appointgenix) is to develop new application helps user to book appointment online , this feature will reduce a lot of time and paperwork .

3.1.2.Background

Project focuses on implement main feature (booking doctor appointment). This feature Will allow users to book appointment by click of button which will reduce a lot of paperwork . The following section will give more information on how features will developed .

3.1.2.1.Business Drivers

Booking appointment manually in clinic is time consuming and have caused a lot of confusion ,with this implementation the user can directly booking appointment online from anywhere .

3.2. Project Scope

Mobile application for end user support IOS and Android using flutter works on mobile, tablet and I pad . Website Dashboard for admin and doctor using . Integration with SMS provider and google maps . App language is English .

3.2.1.In Scope Functionality

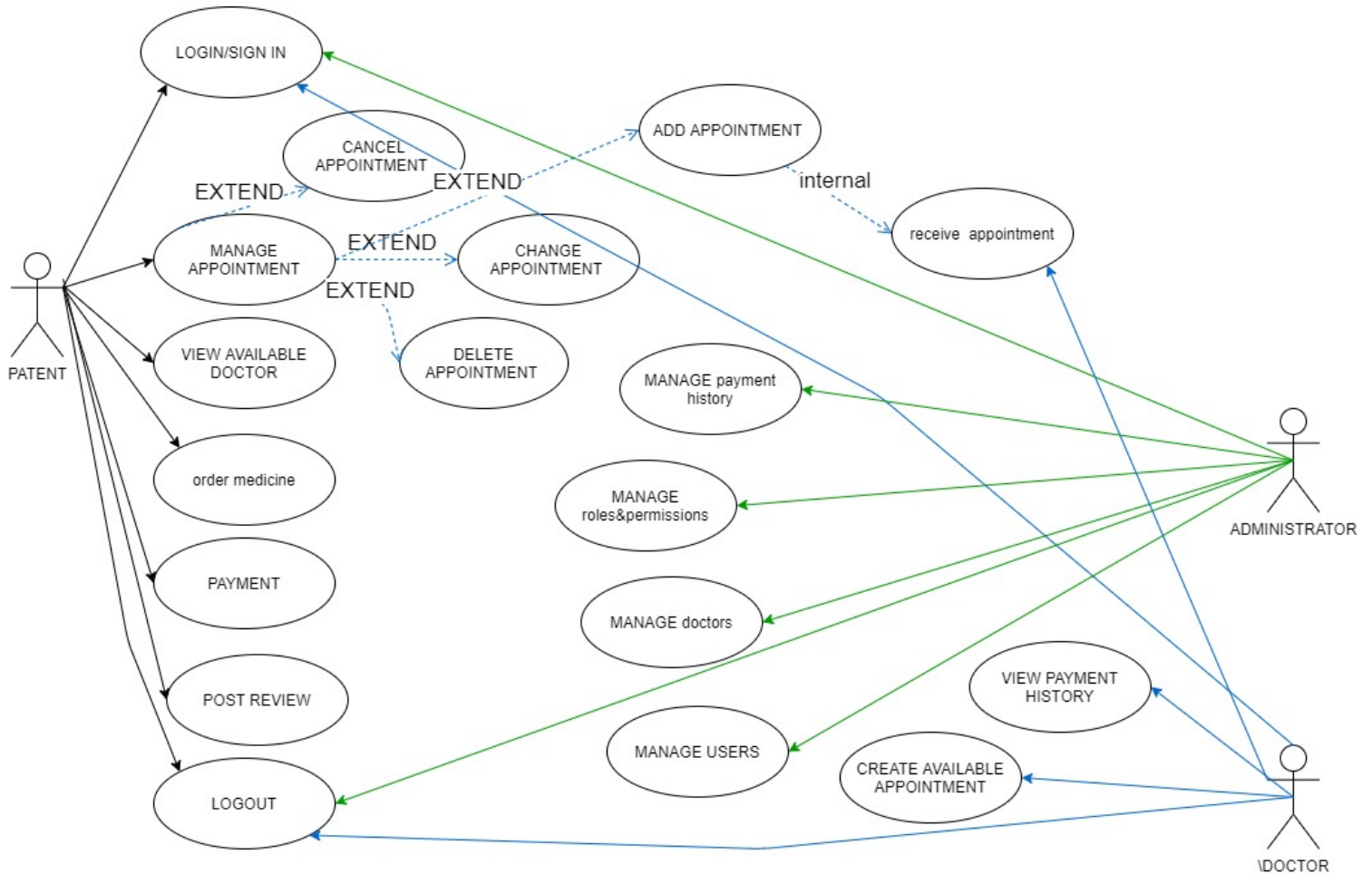
- User can create an account
- User can modify account information
- User can view his account
- User can filter by categories
- User can filter by city
- User can give permission for app to get his current location
- User can view doctors list
- User can sort doctors by (rate - distance)
- User can view doctor details
 - Doctor Name
 - Profile picture
 - Description
 - Specialty
 - Appointment fees
 - Rate
- User can book appointment
- User can select (date , time) of appointment
- User can confirm appointment
- User can receive SMS contains clinic details
- User can view all his appointments
- User can view medicines list
- User can view medicine description
- User can filter medicine categories
- User can sort medicine by (low price to high)
- User can choose quantity of medicine
- User can order medicine
- User can pay offline
- Doctor can create an account
- Doctor can modify information
- Doctor can view his account
- Doctor can be notified with activating his account
- Doctor can create available appointments
- Doctor can receive appointments
- Admin can manage another admins accounts

- Admin can manage roles and permissions
- Admin can manage users
- Admin can manage doctors
- Admin can view appointments
- Admin can manage payment history

3.2.2. of Scope Functionality

- Request for a nurse

3.3 High Level Use case



This is the high level use case that contain three types of actors :

1. **ADMINISTRATOR** : user has manage and control over the complete system .
2. **DOCTOR** : user who inherits some controls from administrator to perform certain activities .
3. **PATIENT** : end user who would have access mobile services.

3.1. Functional Requirement

Req#	Priority	Description	Impacted Stakeholders
FR-001	,2	User can create account	Development team Backend
FR-002	1	User can filter by categories	Development team Backend Designer
FR-003	,1	User can filter by city	Development team Backend Designer
FR-004	,1	User can give permission for app to get his current location	Development team Backend Google maps integration
FR-005	,1	User can view doctors list	Development team Backend Designer
FR-006	1	User can sort doctors by (rate - distance)	Development team Backend Designer
FR-007	,2	User can view doctor details	Development team Backend Designer
FR-008	,1	User can book appointment	Development team
FR-009	,1	User can select (date , time) of appointment	Development team Backend Designer
FR-010	,2	User can view all his appointments	Development team Backend Designer
FR-011	,2	User can confirm appointment	Development team Backend Designer

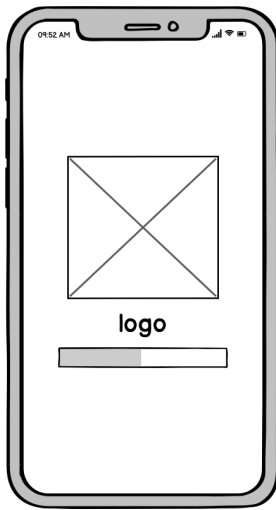
Req#	Priority	Description	Impacted Stakeholders
FR-012	,2	User can receive SMS contains clinic details	Development team Backend Designer SMS provider
FR-013	,1	User can view list of medicine	Development team Backend Designer
FR-014	,2	User can view medicine description	Development team Backend Designer
FR-015	,2	User can filter medicine categories	Development team Backend Designer
FR-016	,2	User can sort medicine by low price to high	Development team Backend Designer
FR-017	,1	User can choose quantity of medicine	Development team Backend Designer
FR-018	,1	User can order medicine	Development team Backend
FR-019	,1	User can pay online or offline	Development team Backend
FR-020	,2	Doctor can create account	Development team Backend
FR-021	,2	Doctor can be notified with activating his account	Development team Backend
FR-022	,1	Doctor can create available appointments	Development team Backend
FR-023	,1	Doctor can receive appointments	Development team Backend
FR-024	,2	Doctor can view payment history	Development team Backend

Req#	Priority	Description	Impacted Stakeholders
FR-025	,1	Admin can manage another admins accounts	Development team backend
FR-026	,1	Admin can manage roles and permissions	Development team backend
FR-027	,1	admin can manage users	Development team backend
FR-028	,1	Admin can manage doctors	Development team Backend
FR-029	,1	Admin can manage specialities	Development team backend
FR-030	,1	Admin can view appointments	Development team backend
FR-031	,1	Admin can manage payment history	Development team Backend

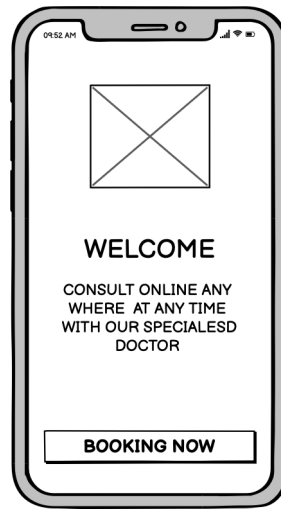
3.2. Non-Functional Requirements

ID	Requirement
NFR-001	Usurers should be required to login to the application with e-mail and password
NFR-002	The system should permit only authorized members who are on the list of authorized admins to do administrator's task
NFR-003	The system should display confirmation message to the users within 4 seconds after the user submits information to the system
NFR-004	The error rate of users submitting their payment details at the checkout page mustn't exceed 10 percent.
NFR-005	The date format must be as follows: date.month.year.
NFR-006	Security
NFR-007	Reliability
NFR-008	Performance
NFR-009	Fast speed

USER SCREENS



SPLASH



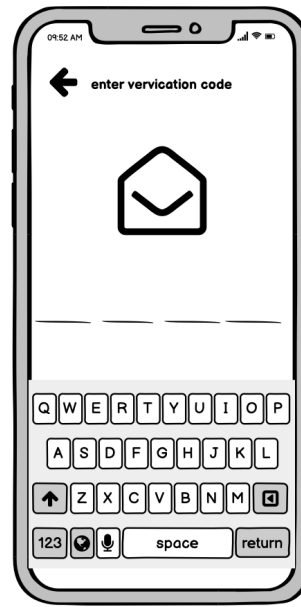
WELCOME



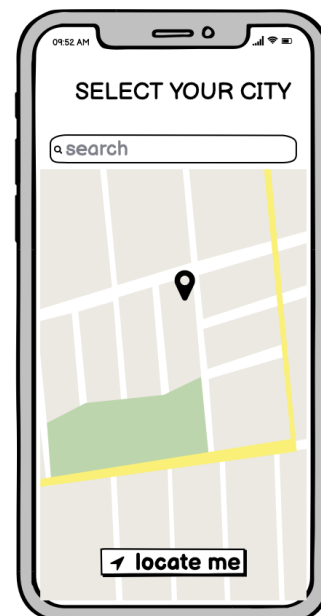
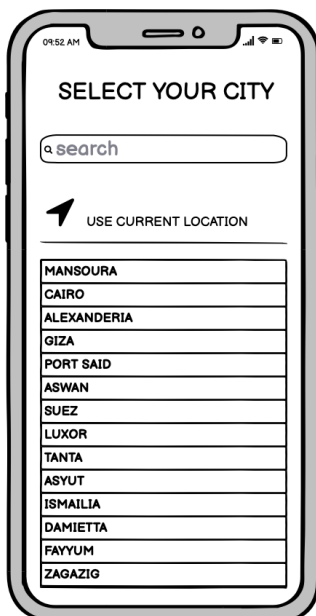
SIGN UP.



LOGIN.



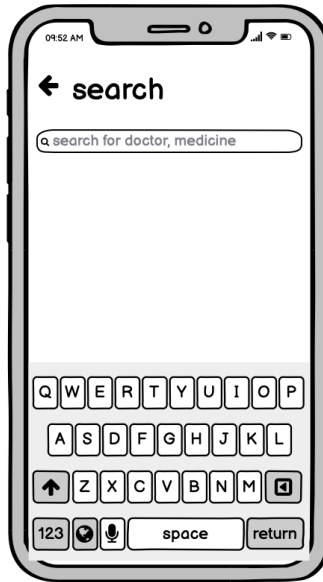
OTP



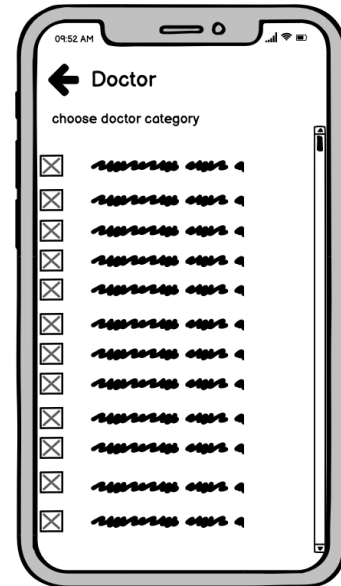
LOCATION
SCREENS



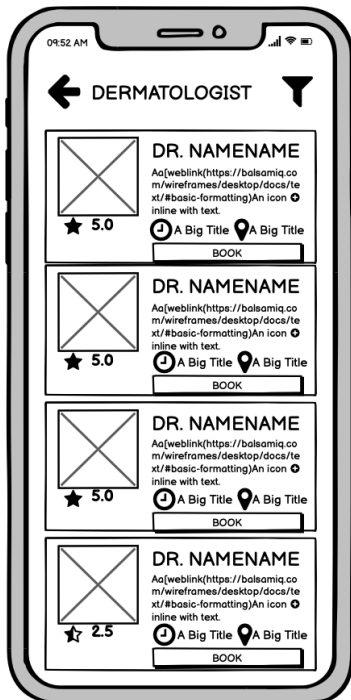
HOMEPAGE.



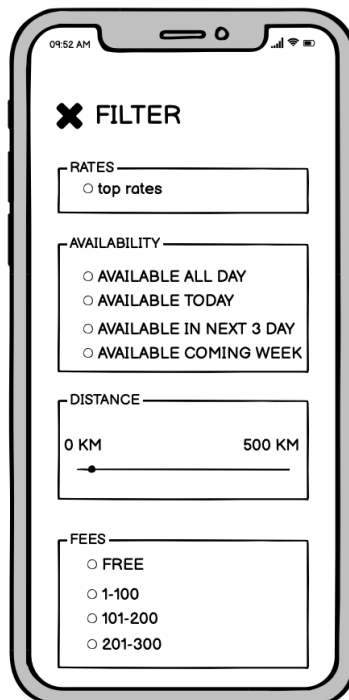
SEARCH



DOCTOR CATEGORIES AFTER SELECT DOCTOR



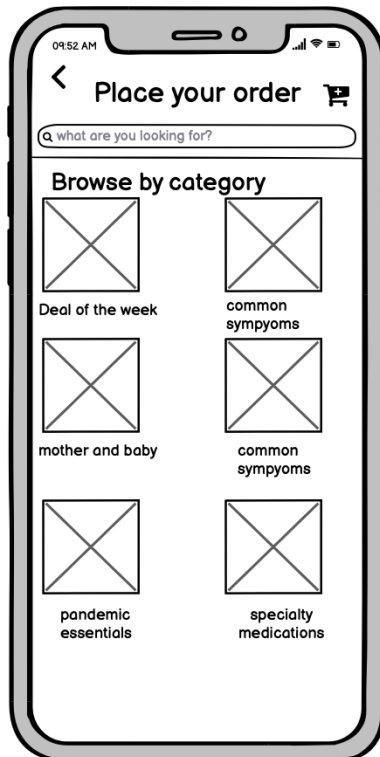
DOCTORS



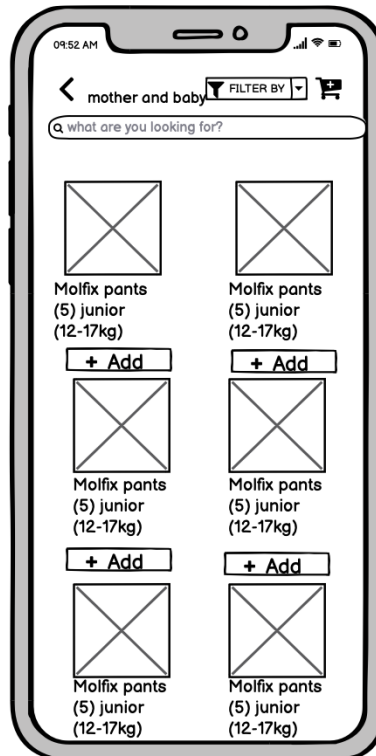
FILTERS



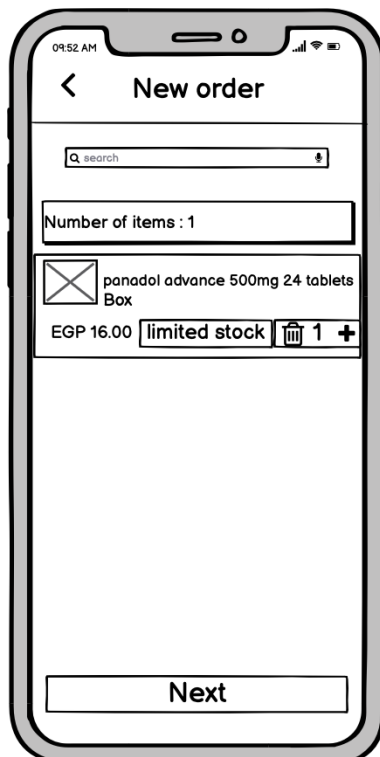
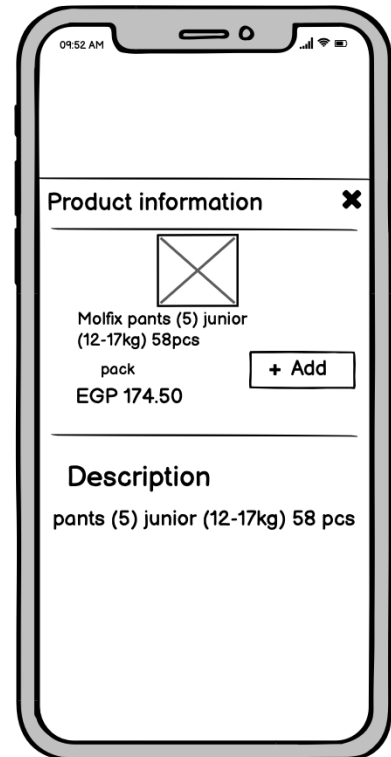
MEDICINE CATEGORIES



MEDICINES

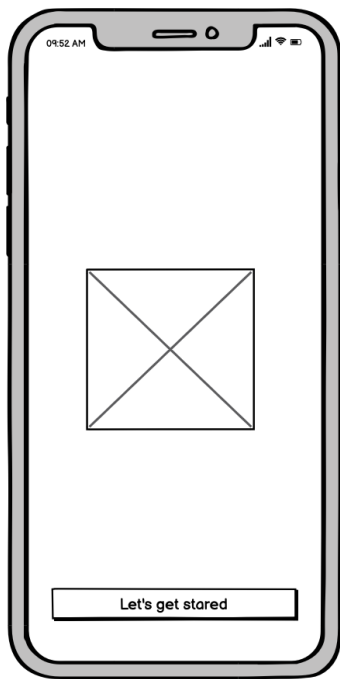


MEDICINE DETAILS



ORDER

ORDER DETAILS

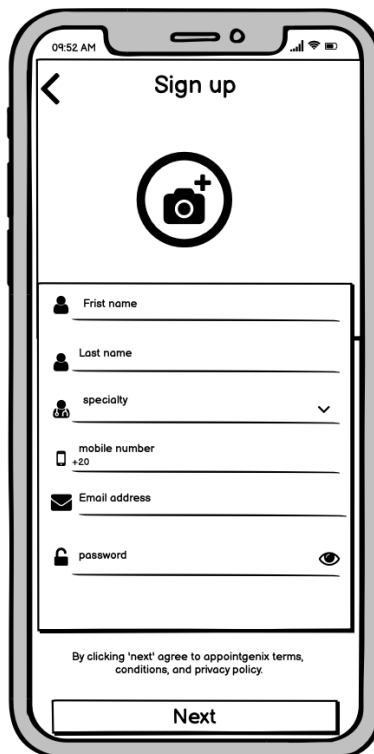


DOCTOR APP

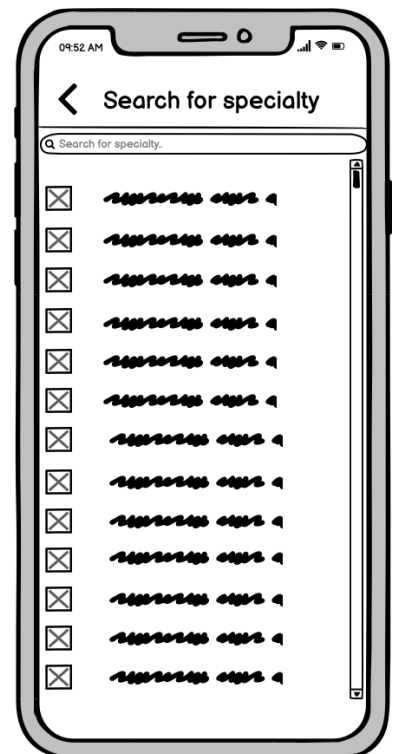
SPLASH



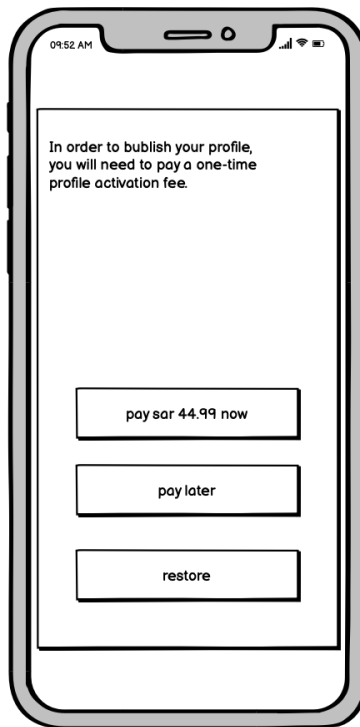
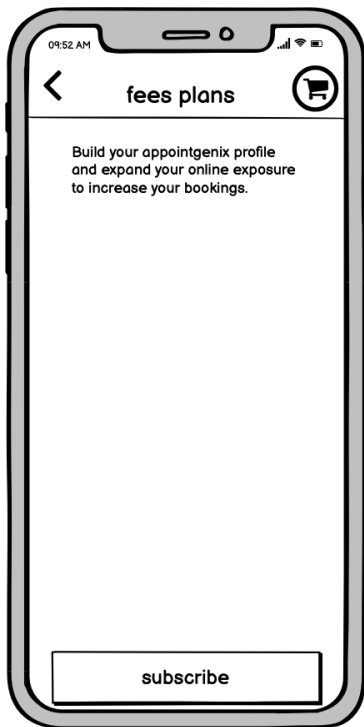
LOGIN



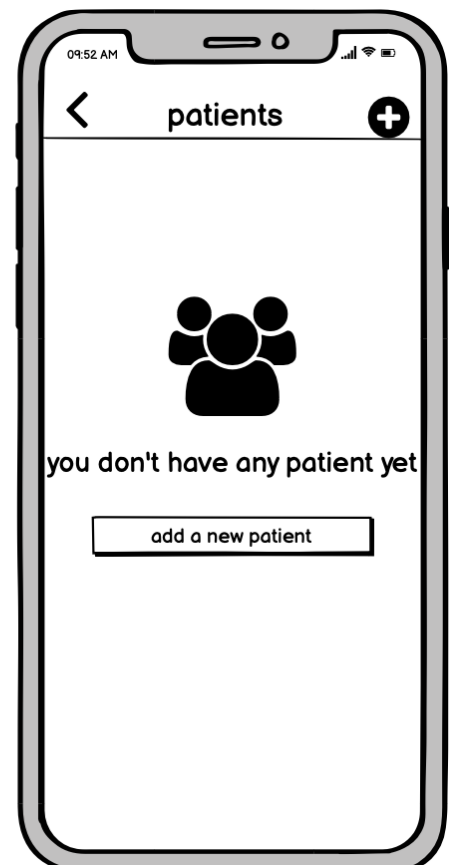
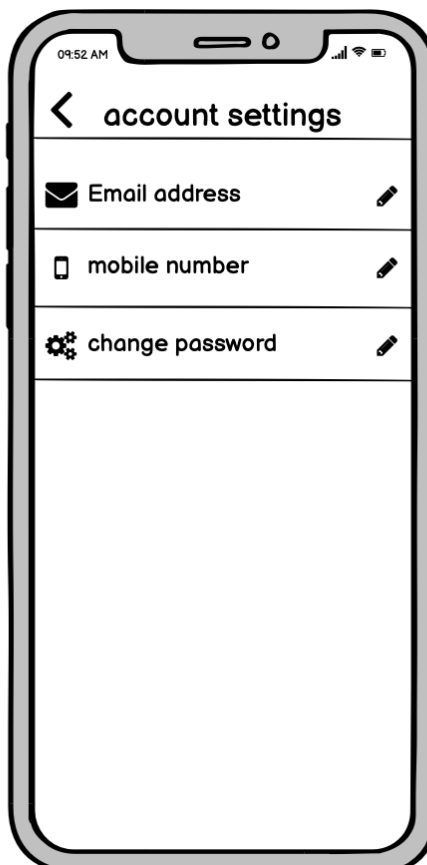
SIGN UP



DOCTOR SPECIALTY



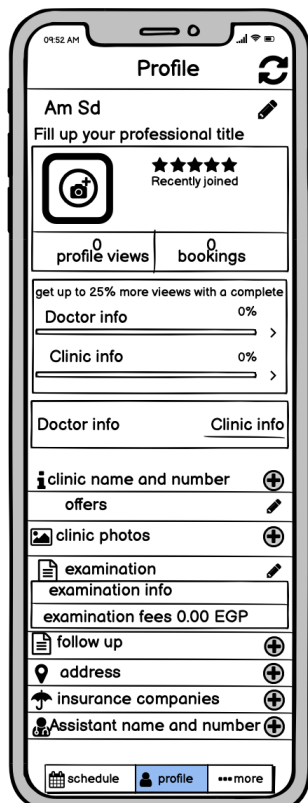
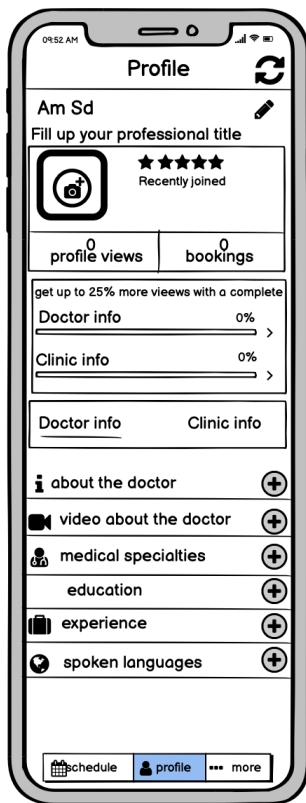
SUBSCRIPTION FEES



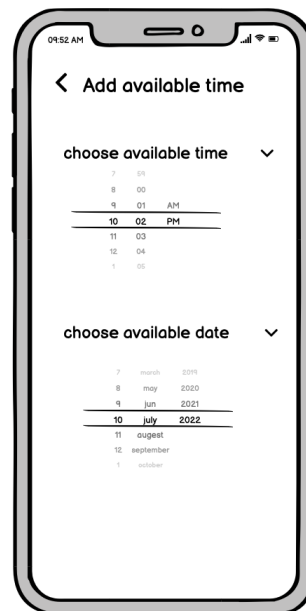
MORE PAGE

ACCOUNT SITTING

PATIENTS PAGE



PROFILE INFORMATION



SCHEDULE (ADD AVAILABLE APPOINTMENT)

A Web Page

https://

Logo

Login to Dashboard

EMAIL ADDRESS

PASSWORD

☐ REMEBER ME

FORGET PASSWORD?

LOGIN

Don't have an account? Sign Up

NEW USER ? SIGN UP

ADMIN LOGIN

A Web Page

https://

DASHBOARD

MANAGE USERS

PAYMENTS

MANAGE ADMINS

ROLES

DOCTORS

APPOINTMENTS

Sign Out

Q search

HI. ADMIN

Quick Overview

Total USERS
30,000

\$

Total Disbursement
EGP 40,000,000

↓

Total Inflow
EGP 40,000,000

↑

Total Outflow
EGP 10,000,000

Recent USERS Transactions

View All

S/N	Name	Description	Type	Amount	Status	Timestamp
1	Ahmed Rashad	WalletTopup	Credit	EGP 1,200	Success	Jan 03.22-01:00AM
2	Doaa Atya	Bank Transter	Debit	EGP 100	Pending	Jan 04.22-11:00AM
3	Salma Samir	WalletTopup	Credit	EGP 350	Failed	Jan 05.22-01:00AM
4	Mohamed Fathy	Bank Transter	Debit	EGP 170	Success	Jan 06.22-01:00AM
5	Mohamed Elsaka	WalletTopup	Credit	EGP 3,700	Pending	Feb 07.22-01:00AM
6	Olga Salah	Bank Transter	Debit	EGP 460	Success	Feb 08.22-01:00AM
7	Mariam Khaled	WalletTopup	Credit	EGP 320	Failed	Feb 09.22-01:00AM

DASHBOARD

← → × 🏠

https://

🔍

🏠 DASHBOARD

👤 **MANAGE USERS**

💰 PAYMENTS

👤 MANAGE ADMINS

👤 ROLES

👤 DOCTORS

📅 APPOINTMENTS

➡ Sign Out

🔍 search

HI. ADMIN 👤 ✓

+

ADD USER

🗑️ DELETE USER

✎ EDIT USER

S/N	Name	Email Address	Location	Status
1	Ahmed Rashad	ahmedrashad@gmail.com	Mansoura	Active
2	Daaa Atya	daaa_atya@yahoo.com	Cairo	8965127743 Active
3	Salma Samir	salma.samir@gmail.com	Alexandria	1875493784 Active
4	Mohamed Fathy	mohamedfathy@mail.ru	Aswan	6675429812 Inactive
5	Mohamed Elsaka	mohamedelsaka@gmail.com	Tanta	9088541982 Active
6	Olaa Salah	olaasalaha@yahoo.com	Fayyum	7765398102 Active
7	Mariam Khaled	mariamkhaled@gmail.com	Ismailia	4489317830 Inactive
8	Ahmed Magdy	ahmedmagdy@gmail.com	Zagazig	1875493784 Inactive
9	Mohamed Salama	mohamedsalama@yahoo.com	Luxor	8965127743 Active
10	Hamza Mostafa	hamzamostafa@gmail.com	Suez	1789549601 Inactive

MANAGE USERS

← → × 🏠

https://

🔍

🏠 DASHBOARD

👤 MANAGE USERS

💰 **PAYMENTS**

👤 MANAGE ADMINS

👤 ROLES

👤 DOCTORS

📅 APPOINTMENTS

➡ Sign Out

🔍 search

HI. ADMIN 👤 ✓

📄 All PAYMENTS

EGP 10,730

PAYMENTS

Profile Information

+

ADD

🗑️

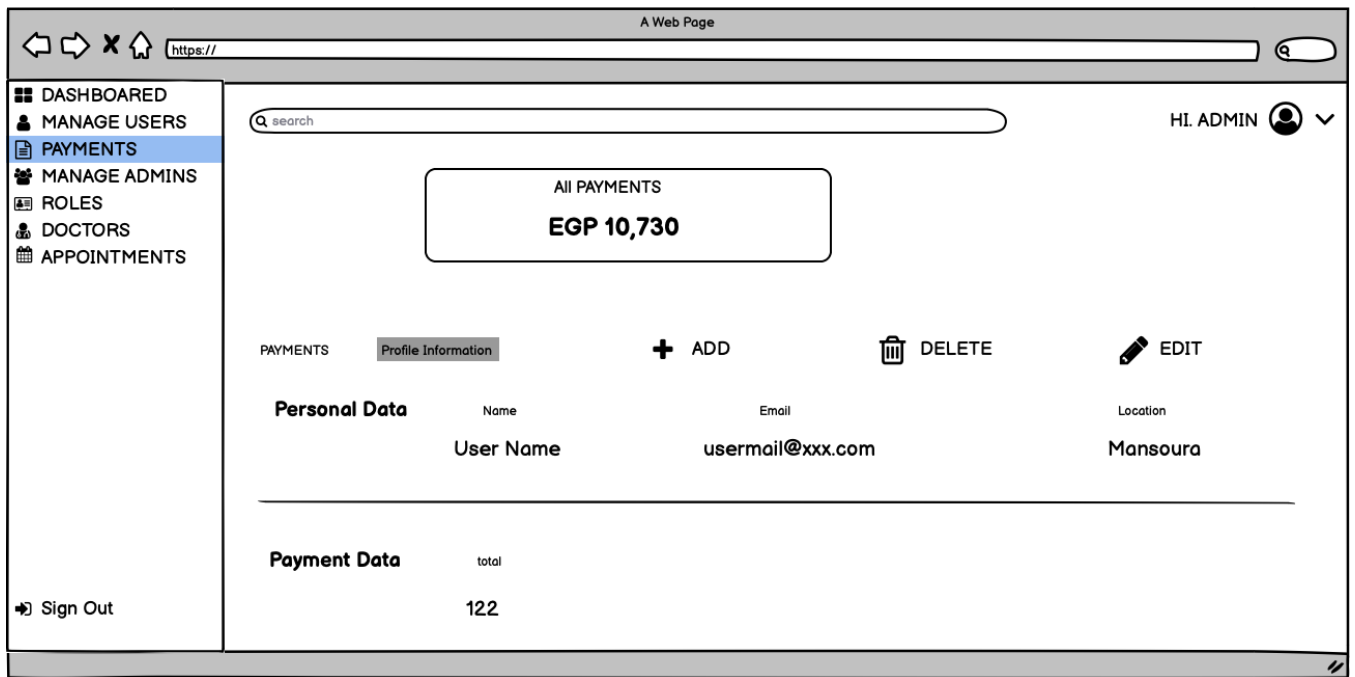
DELETE

✎

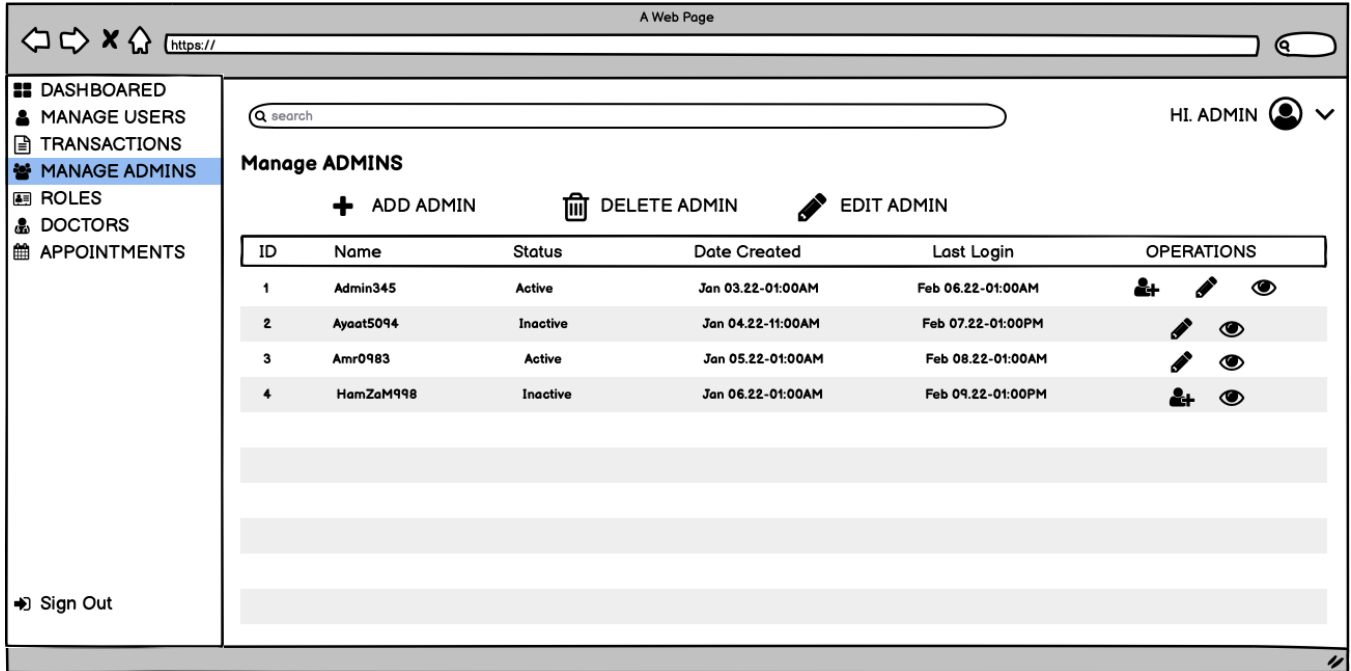
EDIT

S/N	Time stamp	Description	Type	Status	Amount
1	Jan 03.22-01:00AM	Bank Transfer	Debit	Success	EGP 160
2	Jan 03.22-02:00AM	Wallet Topup	Credit	Success	EGP 440
3	Jan 03.22-03:00AM	Paypal	Debit	Success	EGP 1000
4	Jan 03.22-04:00AM	Vodafone Cash	Credit	Success	EGP 700
5	Jan 03.22-05:00AM	Bank Transfer	Debit	Failed	EGP 1600
6	Jan 03.22-06:00AM	Bank Transfer	Credit	Success	EGP 250

PAYMENTS



PAYMENTS DETAILS



MANAGE ADMINS

https://

A Web Page

DASHBOARD

MANAGE USERS

TRANSACTIONS

MANAGE ADMINS

ROLES

DOCTORS

APPOINTMENTS

Sign Out

search

HI. ADMIN

APPOINTMENTS

< SEPTEMBER >

MON	TUE	WED	THU	FRI	SAT	SUN
	<div>A paragraph of text with an unassigned link.</div> 1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	<div>A paragraph of text with an unassigned link.</div> 24	25	26	27
28	29	30				

APPOINTMENS

https://

A Web Page

DASHBOARD

MANAGE USERS

TRANSACTIONS

MANAGE ADMINS

ROLES

DOCTORS

APPOINTMENTS

Sign Out

search

HI. ADMIN

ROLES AND PERMISSIONS

Add NEW ROLE

ROLE NAME

PERMISSIONS

☐ VIEW ROLES

☐ VIEW USERS

☐ EDIT ROLE

☐ EDIT USER

☐ ADD ROLE

☐ ADD USER

☐ DELETE ROLE

☐ DELETE USER

SAVE

ROLES

https://

DASHBOARD

MANAGE USERS

TRANSACTIONS

MANAGE ADMINS

ROLES

DOCTORS

APPOINTMENTS

Sign Out

A Web Page

search

HI. ADMIN

MANAGE DOCTORS

+ ADD DOCTOR

DELETE DOCTOR

EDIT DOCTOR

S/N	Name	Email Address	Location	BVN	Status
1	Ahmed Rashad	ahmedrashad@gmail.com	Mansoura	1789549601	Active
2	Daaa Atya	doaa_atya@yahoo.com	Cairo	8965127743	Active
3	Salma Samir	salma.samir@gmail.com	Alexandria	1875493784	Active
4	Mohamed Fathy	mohamedfathy@mail.ru	Aswan	6675429812	Inactive
5	Mohamed Elsaka	mohamedelsaka@gmail.com	Tanta	9088541982	Active
6	Olaa Salah	olaasalaha@yahoo.com	Fayyum	7765398102	Active
7	Mariam Khaled	mariamkhaled@gmail.com	Ismailia	4489317830	Inactive
8	Ahmed Magdy	ahmedmagdy@gmail.com	Zagazig	1875493784	Inactive
9	Mohamed Salama	mohamedsalama@yahoo.com	Luxor	8965127743	Active
10	Hamza Mostafa	hamzamosafa@gmail.com	Suez	1789549601	Inactive

MANAGE DOCTORS