

Software Requirments Specification(SRS)

<Health care project>

Version 1.0

Prepared by<>

<date 1/9 >

1. Revision history

Date	Version number	Reason of change
1/9		

2.Approvals

Role	Name	Singature	Date
Project owner			
Project manger			
Business analyst			

3. Introduction

3.1 Purpose

< the purpose of SRS to document the meeting between the product owner and the business analyst >

3.2 Intended Audience

- **Project owner**
- **Project manger**
- **Manger**
- **Business analyst**

3.3 Project overview

< A health care application to book an appointment with doctors from home >

3.3 Project scope

- Mobile app for user
- Dashboard for doctor
- Dashboard for admins

In Scope :

- Create account
- choose city and speciality
- Book an appointment with a doctor

-choose date and time from available list

-search for a doctor and speciality

-Labs and pharmacies

Out of Scope :

-There is no payment via application

-medical history

-Nurses

3.4 User Classes

- **Patients who need to book an appointment with a doctor**
- **Anyone want to order a medicine from a pharmacy**

3.5 Design and Implementation Constraints

Ui/Ux design ,flutter and backend

3.6 Stakeholder

stakeholder	Meet project owner	Planning and monitoring the project	Analyses	Draw wireframes and gathering requirements	Design	Development	testing	Documentation	Administration
User									
Admin	C	i	i	i	i	i	i	i	A
Business Analyst	R	C	R	R	I	I	I	A	
Project	A	C	R	A	I	I	i	I	

owner									
Project manger	R	R	C	i	i	i	i	c	
Ui/UX team	i	I	I	I	R	i	I	i	
Develop team	i	i	i	i	i	R	i	i	
Test team	i	i	i	I	i	C	R	i	
Doctors									
Pharmacist									
Delegate									
Provider									

4 Functional Requirments

- User can create account
- Choose city and speciality
- View doctors
- Book an appointment
- Confirm an appointment
- Doctor can create an account
- Doctor can set his appointments
- Doctor can recive appointments
- User can rate doctors
- User can contact with pharmacy
- User can order an medicine
- User can mange his profile
- User can view doctor’s profile
- User can message admins

Non-Functional Requirments

- -System management
- -Application Architecture
- -Development Standards
- -Security
- -Agreements
- -Maintainability
- -Capacity, growth and Scalability
- -Usability Objectives
- -Technology Architecture

4.1 Use Case

1.

Use case	UC-1			
Use case name	Create account			
Description	User create an account			
Primary actors	End-User			
Secondary actor				
Pre condition	Open App			
Main flow	1- User write his name 2- User write his phone number 3- User write his password 4- User choose his gender 5- User click sign up			
component	Name	type	Constraints	validation
	Name	Text input	-Accept letters only	- Mandatory
	Phone	Text	-accept	-

	number	input Text input	numbers only -Must start with 01	Mandatory -Alert message “please enter[field name] correctly”
	Password	Text input	Min length =8 char Accept numbers , letters and special characters	- Mandatory -Alert message “please enter [field name] correctly
	Gender	Radio button		- mandatory
	Sign up	Button		
	Social media	icons		
Post condition	App open user’s account			
Alternative 1<user login with social media>	App route to social media account to get verification about the user identity and login him to his account			

attachment

The image is a hand-drawn sketch of a smartphone screen. At the top, there is a status bar with a Wi-Fi icon, a cellular signal icon, a battery icon, and the time 7:25. Below the status bar, the text "Create account" is centered. There are three input fields stacked vertically, each with a placeholder text: "Enter your name", "Enter your phone number", and "Enter your password". Below these fields, there are two radio buttons. The first is labeled "Mail" and the second is labeled "femail". To the right of the radio buttons is a "Sign up" button. Below the "Sign up" button, the text "Log in with" is centered. Underneath "Log in with" are three icons: an envelope icon, a Facebook "f" icon, and a Google "G" icon. The entire screen is enclosed in a rounded rectangle representing the phone's frame, with a small circle at the top center and a horizontal oval at the bottom center.

2.

Use Case	UC-2
Use case name	User login
Description	User can login his account
Primary Actors	End User
Secondary Actors	
Pre-	1-Open App 2- ceate account

Condition					
Main flow	1- User enter his phone number 2- User enter his password 3- Click on Login button				
Components	Name	type	Constrains	Validations	
	Phone number	Test input	-accept numbers only -Must start with 01	-Mandatory -Alert message “please enter[field name] correctly”	
	password	Text input	Min length =8 char Accept numbers , letters and special characters	-Mandatory -Alert message “please enter [field name] correctly	
	Login	Button			
	Social media	Icons			
Post condition	App open user account				

Alternative 1 <user have no account>	App shows alert message “tjere is no account ,please enter valid data and try again”
Alternative 2<user login with social media>	App route to social media account to get verification about the user identity and login him to his account

Attachments

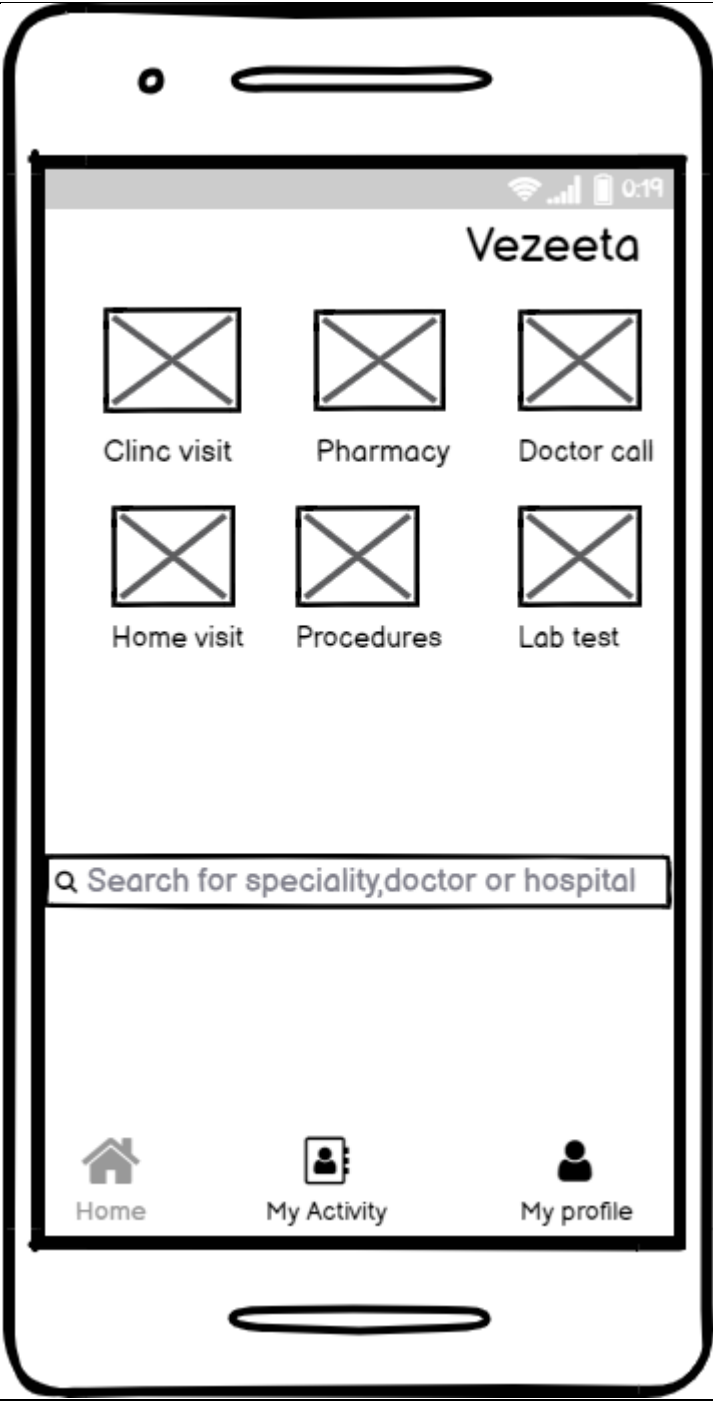


3.

Use case	UC-3
Use case name	Home
Description	Home page in application
Primary Actors	End-User

Secondry Acrors				
Pre condition	1-Open App 2- Login			
Main flow	1-User choose speciality he want 2-User can search for speciality,doctor and hospital			
Comopnents	Name	Type	Constrains	Validations
	Clinic visit	Button		
	pharmacy	Button		
	Doctor call	Button		
	Home visit	Button		
	Prodceduers	Button		
	Lab test	Button		
	search	Search box		
Post condition	Moves User to the speciality he chose			

attachments



4.

Use case	UC-4
Use case	Home

name					
description	Home page				
Primary actor	End-User				
Secondry actor					
Pre condition	1-open app 2-log in 3-Scroll down				
Main flow	1- User can choose his inscure 2- User search for medicine 3- User can contact with pharmacy 4- User can cook visit with a doctor 5- User can book a call with a doctor				
components	Name	type	constrains	validations	
	My inscure				
	Search for medicine	Search box			
	perscription	Button		Choose from camera or gallery	
	Product camera	button		Choose from camera or gallery	
	Pharamict assistance	button		Contact with pharmacy's number	
	Home visit	button			
	Home visit	image			

	Book call	button			
	book call	image			
Post condition					

attachmen
ts



5.

Use case	UC-5
Use case name	My activity
Description	Activites that user made in app
Primary actors	End-User
Secondry actors	
Pre condition	1-Open app 2-Click on my activty
Main flow	User shows his activites
Components	
Post condition	

attachment

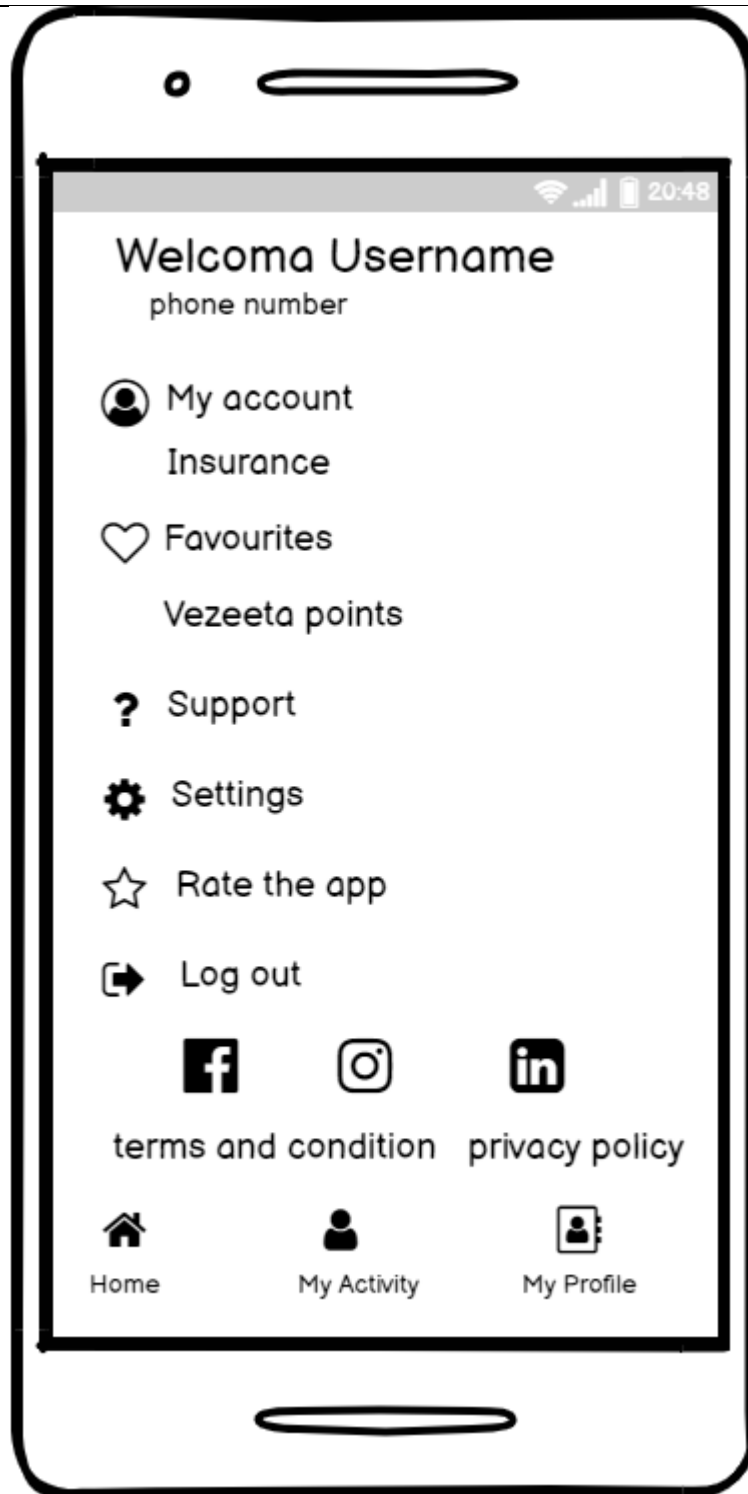


Use case

UC-6

Use case name	My profile			
Description	User shows his profile			
Primary actors	User			
Secondry actors				
Pre condition	1-open app 2-Click on my profile			
Main flow	1- User can see his account 2- His inscure and favourites 3- User can contact wuth support 4- User can go to settings 5- User can rate the app 6- User can log out from his current account			
Components	Name	Type	constrains	validation
	My account	button		
	inscure	button		
	favouites	Button		
	Support	Bututtonton		
	Settings	Button		
	Rate the app	Button		
	Log out	Button		
	Social media	icons		
	Terms and condition	Links		
	Privacy policy	Text		
Post condition				

attachment



Use case	UC-7
Use case name	Clinic visit

Description	User can search and choose doctor and speciality			
Primary actors	User			
Secondry actors	Doctors			
Pre condition	1- User open app 2- Click on Clinic visit			
Main flow	1- User can search for a doctor, speciality and hospital 2- User can choose from speciaialites			
Components	Name	type	constrains	Validations
	Search for specialty,doctor and hospital	Search box		
	cities	Combo box		
	specialities	buttons		
Post condition	User choose his speciality and his doctor			

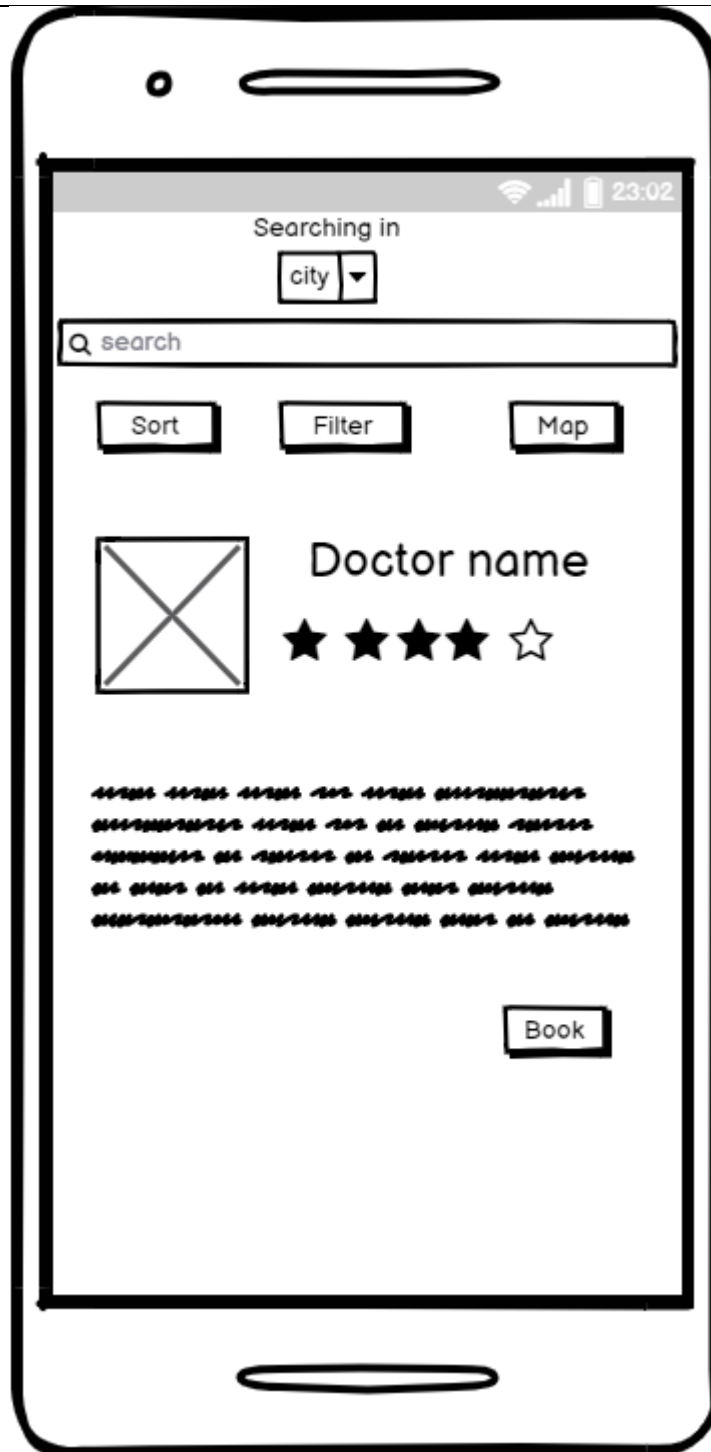
attachment



Use case	UC-8
Use case name	Choose doctor
Description	User can choose doctor in his city

Primary actors	User			
Secondry actors	Doctors			
Pre condition	1- Open app 2- clinic visit 3- choose city 4- choose speciality			
Main flow	1- user can search for a doctor and hospital 2- user can sort doctors 3- user can filter doctors 4- user choose the doctor 5- user book an appointment with doctor			
Components	Name	Type	constraints	Validations
	City	Combo box		
	Search for doctor	Search box		
	Sort,filter and map	Buttons		
	Doctor's photo	Image		
	rates	icons		
	Informations	Text		
	Book	Button		
Post condition	User book an appointment with a doctor			

attachment

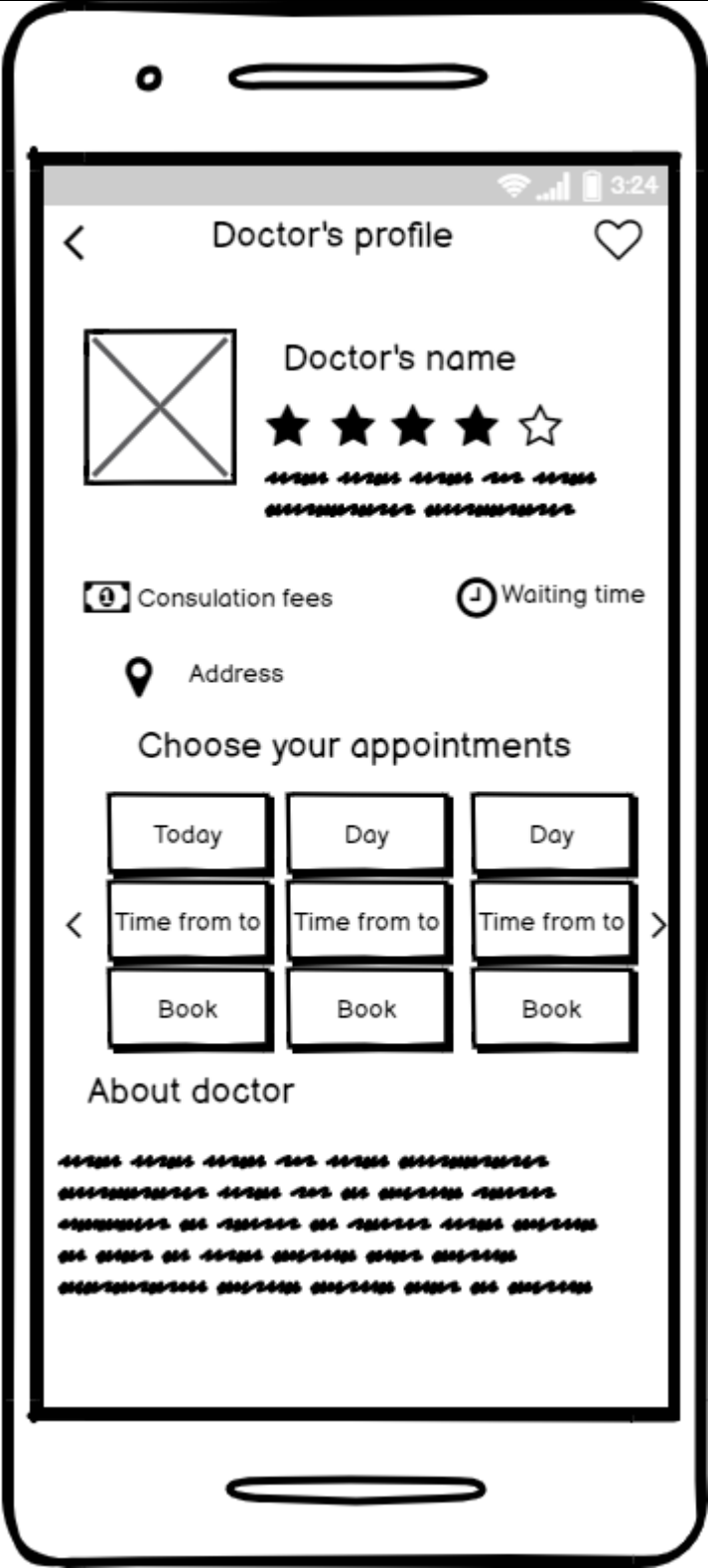


Use case

UC-9

Use case name	Doctor's profile			
Description	Doctor's profile			
Primary actors	Doctors			
Secondry actors				
Pre condition	1- User choose his city 2- User choose his speciality 3- User choose the doctor 4- User view doctor's profile			
Main flow	User view the profile of the doctor			
Components	Name	Type	Constraints	Validations
	Doctor's photo	Image		
	rates	Icons		
	Information	Text		
	Book	buttons		
	Date	Buttons		
	time	buttons		
Post condition	User can book an appointment with the doctor			

attachment



Use case	UC-10			
Use case name	Confirmation			
Description	User confirm his book			
Primary actors	User			
Secondry actors	Doctor			
Pre condition	1- User choose the doctor 2- User choose the appointment			
Main flow	1- User certain his name 2- User certain his phone number 3- User certain his country 4- User certain the date ,time and fees 5- User confirm his book			
Components	Name	Type	constrains	Validation
	Doctor photo	Image		
	Name	text		
	Phone number	Text		
	appointments	Text		
	confirm	Button		
		icons		
Post condition	User become have an appointment with a doctor			

attachment

The image shows a hand-drawn sketch of a smartphone screen. The screen displays a 'Confirmation' form. At the top, there is a status bar with a close button (X), the title 'Confirmation', and icons for Wi-Fi, signal strength, battery, and the time '4:01'. Below the title is a square placeholder with a diagonal 'X'. The form contains the following fields and labels:

- Doctor Name
- Doctor speciality
- Full Name (with a person icon)
- Phone number (with a phone icon)
- A location selector (with a globe icon and a dropdown arrow)
- Address (with a location pin icon)
- Date and time (with a calendar icon)
- Fees (with a coin icon) 300EGp

At the bottom of the form is a 'Confirm' button.

Use case	UC-11			
Use case name	Pharmacy			
Description	User can Order medicine			
Primary actors	User			
Secondry actor	Phamacist			
Pre condition	1- Open app 2- Click on pharmacy			
Main flow	1- User can search for a medicine 2- User can send prescription 3- User can product picture 4- User can call pharmacist 5- User can choose from many cateгореis			
Components	Name	Type	constrains	Validations
	Looking for	Search box		
	Prescription	button		User can send by camera or galler
	Product camera	Button		User can send by camera or galler
	Assistance	Button		Call pharmacy number
	Add inscure categories	Button		
Post condition				

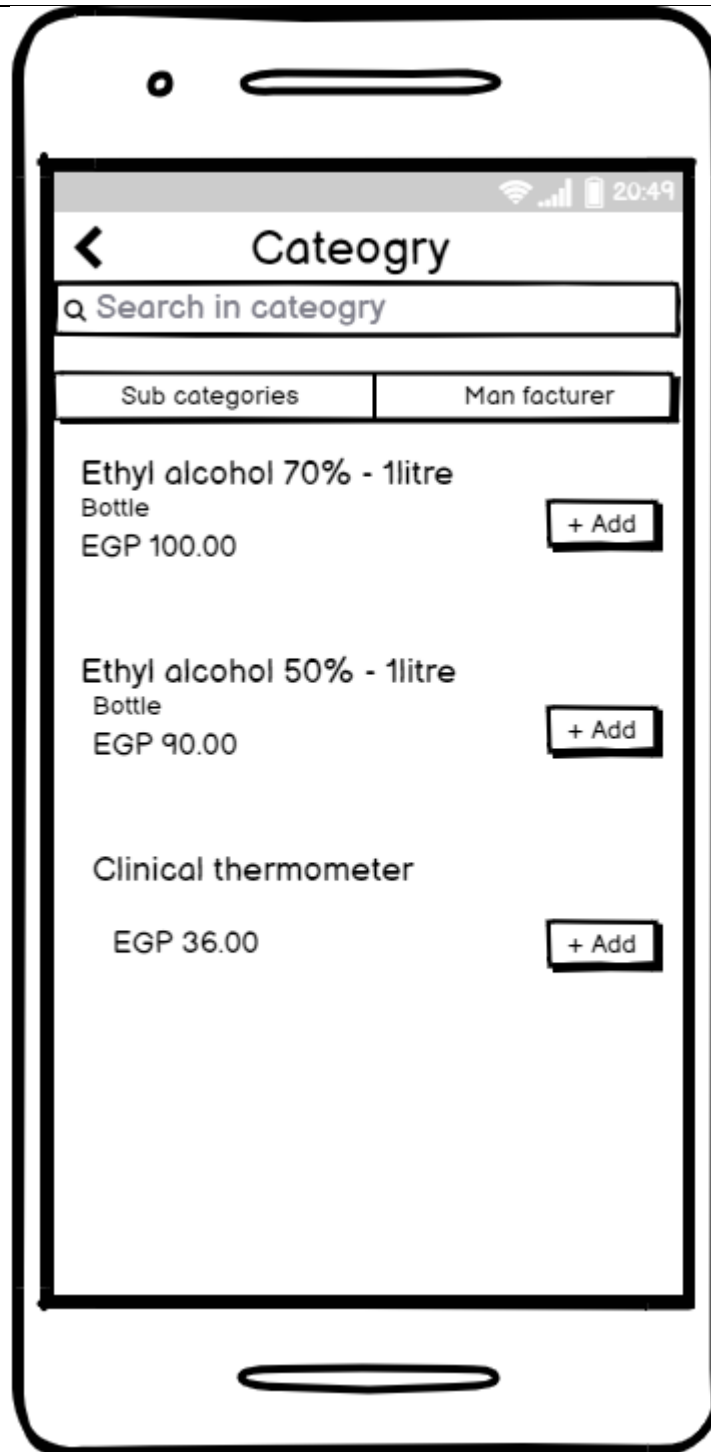
attachments



Use case	UC-12
Use case name	categories
Description	Categories of pharmacy

Primary actors	User			
Secondry actor				
Pre condition	1- open app 2- pharmacy 3- categories			
Main flow	1- choose category 2- add to cart			
Components	Name	Type	constrains	Validation
	Search in category	Search box		
	categories	image		
	Add to cart	button		
Post condition	User add categories to his cart			

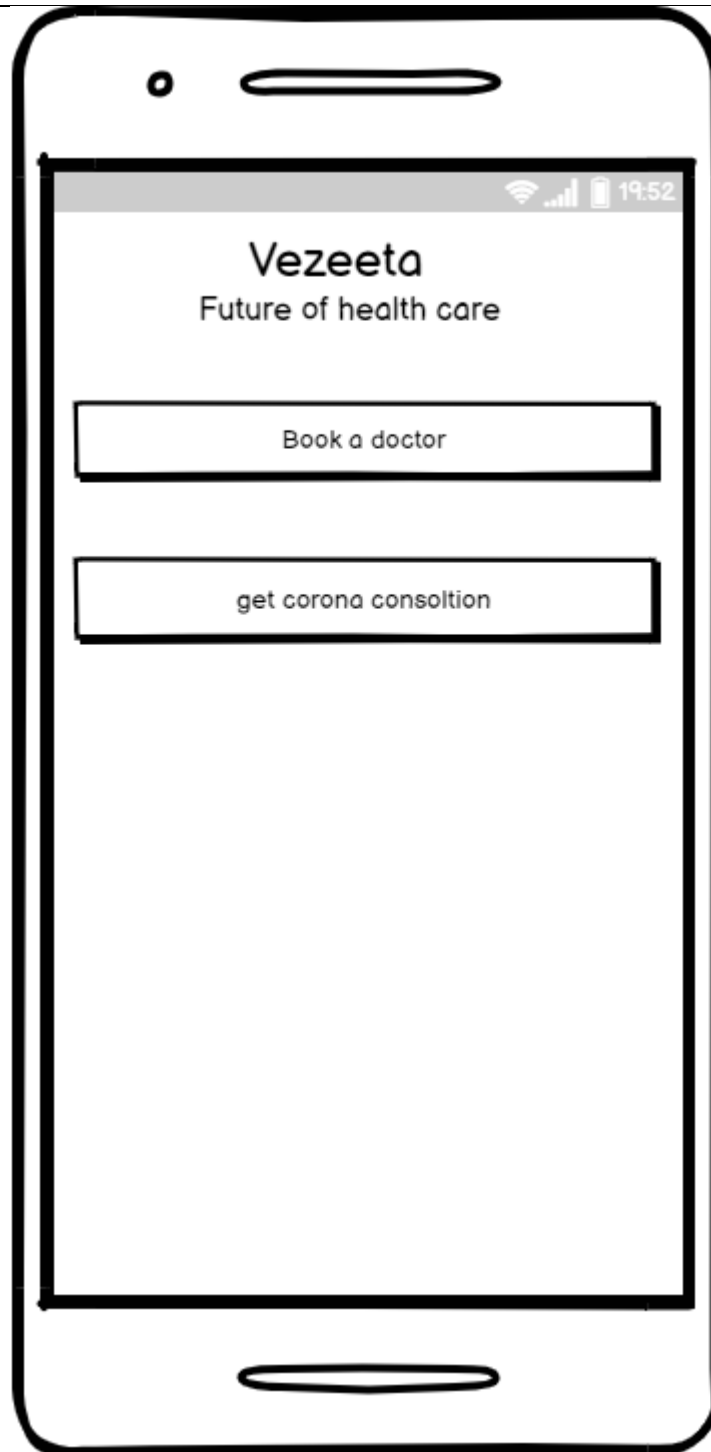
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Use case	UC-13
Use case name	Doctor call
Description	User can call doctor

Primary actors	User
Secondry actor	Doctor
Pre condition	1- user open app
Main flow	1- user book with a speciliazed doctor 2- select speciality 3- view doctor profile 4- book with the doctor
Components	Book with a specialised doctor -Button
Post condition	View doctor's profile and cook with him

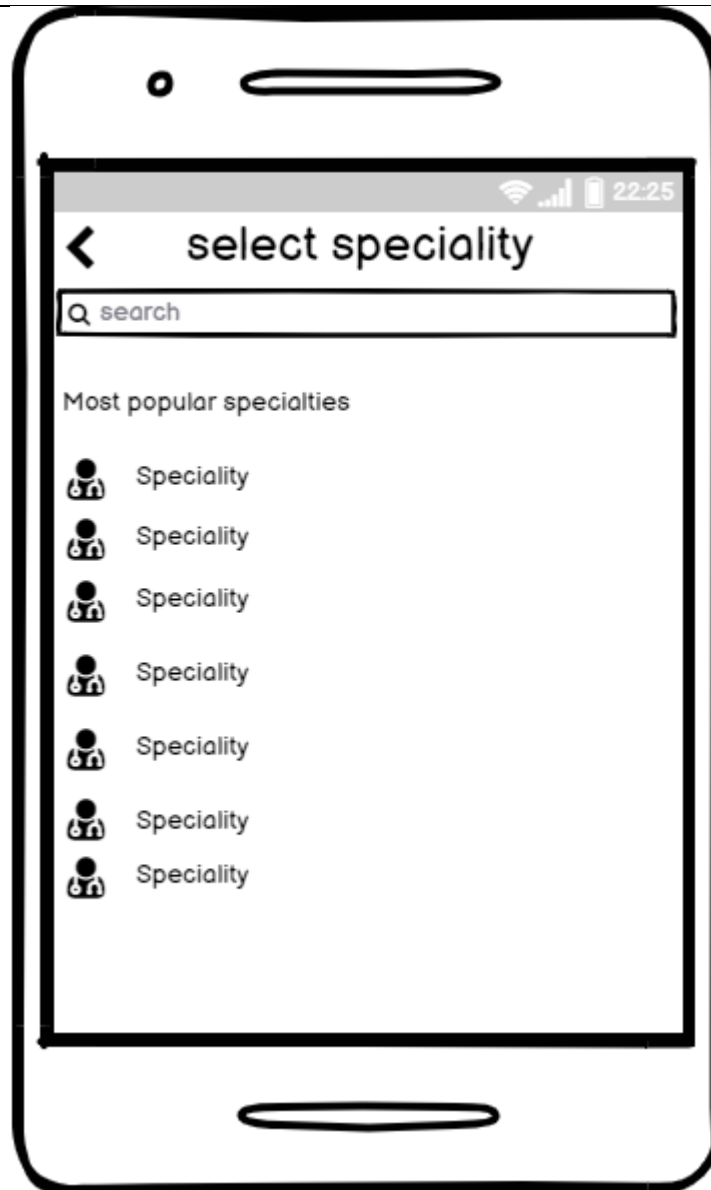
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Use case	UC-14
Use case name	Home visit
Description	User can book an appointment with doctor ,

	doctor visit user in his home			
Primary actors	User			
Secondry actor	Doctor			
Pre condition	1- Open app 2- Click Home visit			
Main flow	1- User can search for doctor,Speciality and hospitals 2- User choose speciality			
Components	Name	type	constrains	Validations
	Search	Search box		
	Specialties	Buttons		
Post condition	User certain his Data			

attachments



Use case	UC-15
Use case name	Home visit
Description	Book a home visit with a doctor
Primary actors	User
Secondry actor	Doctor
Pre condition	1- Open app 2- Click home visit 3- Choose speciality

Main flow	1- User enter his name 2- User enter his phone number 3- User choose his speciality 4- User choose his region			
Components	Name	Type	constrains	Validations
	photo	image		
	name	Text box		Mandatroy
	Phone number	Text box		- Mandatory
	Speciality	Select		- Mandatory
	region	select		
	confirm	button		
Post condition	User confirm his book			

attachments

Use case	UC-16
Use case name	Lab test
Description	Labs

Primary actors	User			
Secondry actor				
Pre condition	1- open app 2- click in lab test			
Main flow	1- user add his prescription 2- user choose his test 3- user add his address details 4- User will recive his test result			
Components	Name	Type	Constrains	Validations
	Search	Search box		
	Add prescription	Button		
	How it works	Texts		
Post condition	User will recive his test result			

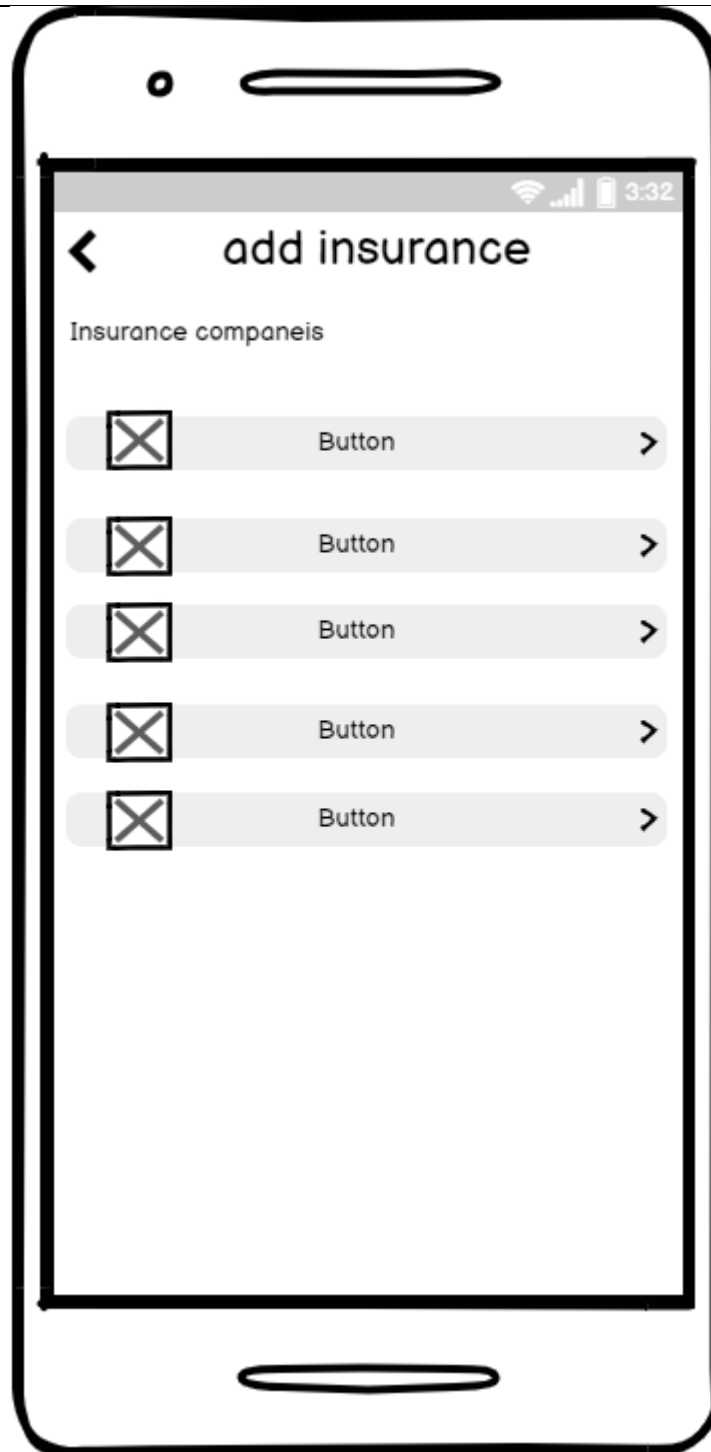
attachments



Use case	UC-17
Use case name	Insurance
Description	User canbook a doctor with insurance

Primary actors	User			
Secondry actor				
Pre condition	1-Open app			
Main flow	1- User choose his insurance companies			
Components				
	Name	Type	constrains	validations
	Companies	Buttons		
	Companies logo	image		
Post condition	User add his insurance			

attachments



Use case	UC-18
Use case name	Add insurance
Description	User add his insurance

Primary actors	User			
Secondry actor				
Pre condition	User choose his insurance companies			
Main flow	1- User check his name 2- User check his birth date 3- User add his id number 4- User add his espiry date 5- User add a photo of medical card			
Components	Name	Type	Constrains	Validations
	name	Textbox		
	date	Date chooser		
	ID number	Textbox		
	Expiary date	Date chooser		
	Photo of medical card	button		Chosose from take a photo or photo library
Post condition				

attachments

Add insurance

Username

Birth date

ID number

expiry date

photo of medical card

Use case UC-20

Use case name	Roles&permissions				
Description	The dashboard roles				
Primary actors	Admin				
Secondry actor					
Pre condition	1-open dashboard				
Main flow	1- add role 2- Choose permissions				
Componen ts	Name	type	constrains	Validations	
	Add role	Text box	Accept letters only	- Mandatory -alert message “please enter valid name”	
	permissions	checkbox	-must choose at least one		
Post condition					

attachme nts	Window Name	
	Roles&permissions	<h2>Roles</h2> <p>Add role <input type="text"/></p> <h2>Permissions</h2> <p><input type="checkbox"/> View roles&permissions</p> <p><input type="checkbox"/> add roles&permissions</p> <p><input type="checkbox"/> edit roles&permissions</p> <p><input type="checkbox"/> delet roles&permissions</p>
	appointments	
	doctors	
	pharmacy	
	labs	
	specialties	
	delegate	
	inbox	
	general setting	
	static pages	

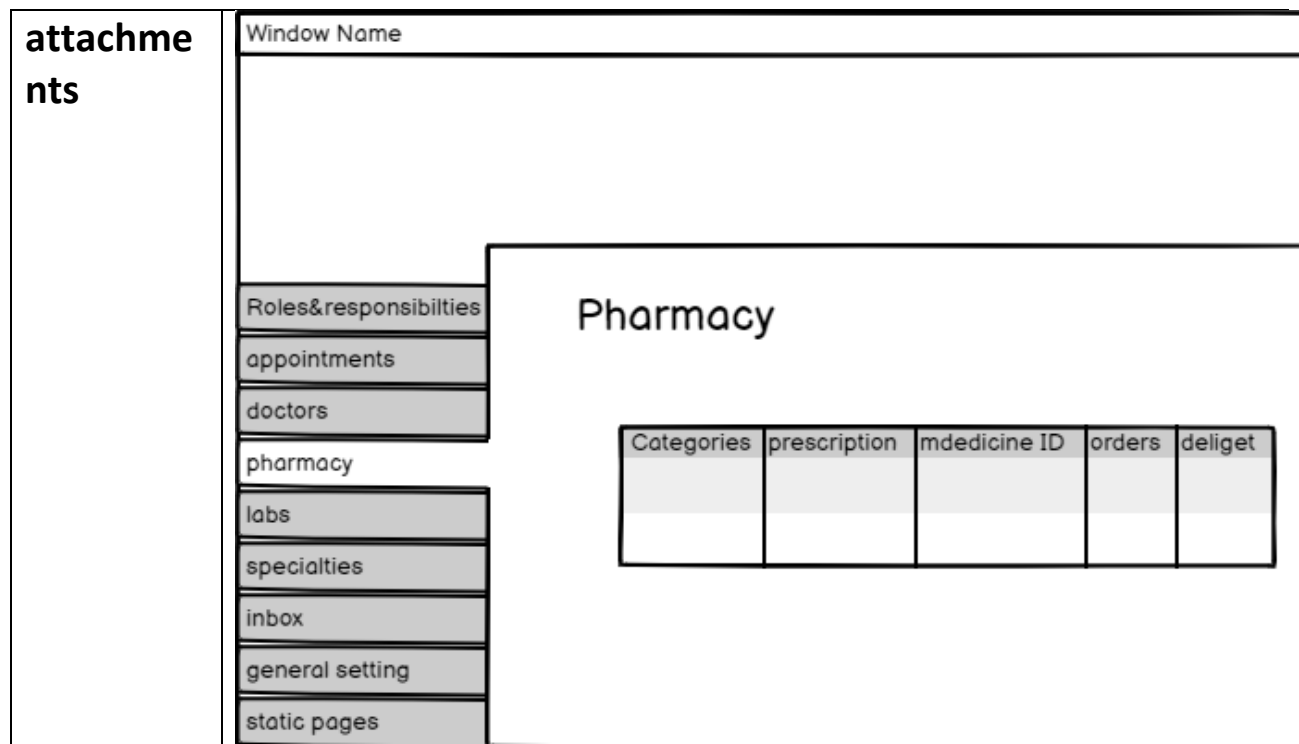
Use case	UC-21				
Use case name	Appointments				
Description	The appoinments in dashboard				
Primary actors	Admin				
Secndry actor	User and doctors				
Pre condition	1- Ope dashboard				
Main flow					
Compone nts	Name	Type	constrains	Validations	
	appointments	Data grid			
	Id		-numbers only	Mandatory	

	date		-Numbers only	Mandatory																
	Time		Nubers only	Mandatory																
	User name			Mandatory																
	Doctor name			Mandatory																
Post condition																				
attachme nts	Window Name																			
	Roles&permissins																			
	appointments																			
	doctors	<table><tr><th>id</th><th>date</th><th>time</th><th>user name</th></tr><tr><td>1</td><td>1/10</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>	id	date	time	user name	1	1/10												
	id	date	time	user name																
	1	1/10																		
inbox																				
general settings																				
static pages																				

Use case	UC-22
Use case name	doctors
Description	Doctors in dashboard
Primary	Admin

[illegible]

Use case	UC-23					
Use case name	pharmacy					
Description	Pharamcy dashboard					
Primary actors	admin					
Secondry actor						
Pre condition	1-open app 2-choose pharmacy					
Main flow						
Compone nts	Name	Type	constrains	Validation		
		Data grid				
	Categories					
	prescription	image		-take a photo or select from gallery		
	Medicine ID		-Numbers only			
Post condition						



Use case	UC-24				
Use case name	Labs				
Description	Labs in dashboard				
Primary actors	Admin				
Secondry actor					
Pre condition	1- open dashboard 2- choose labs				
Main flow					
Compone nts	Name	type	constrains	Validations	
		Data grid			
	ID		Numbers only	Mandatory	

	<table><tr><td>Name</td><td></td><td></td><td></td><td></td></tr><tr><td>prescription</td><td>Image</td><td></td><td>-Image by gallery or take a photo</td><td></td></tr></table>	Name					prescription	Image		-Image by gallery or take a photo	
Name											
prescription	Image		-Image by gallery or take a photo								
Post condition											
attachme nts	<div>Window Name</div> <div></div> <div><div>Roles&responsibilities</div><div>appointments</div><div>doctors</div><div>pharmacy</div><div>labs</div><div>specialties</div><div>inbox</div><div>general setting</div><div>static pages</div></div> <div><table><tr><th>ID</th><th>Username</th><th>lab type</th><th>prescriptions</th></tr><tr><td>1</td><td></td><td></td><td></td></tr></table></div>	ID	Username	lab type	prescriptions	1					
ID	Username	lab type	prescriptions								
1											

Use case	UC-25
Use case name	Specialties
Description	A specialties in dashboard
Primary actors	Admin
Secondry actor	

Pre condition	1- Open dashboard 2- Choose specilaties			
Main flow				
Compone nts	Name	Type	constrains	validations
		Data grid		
	ID		Numbers only	Mandatory
	Doctor name			mandatory
Post condition				
attachme nts	Window Name			

Roles&responsibilities
appointments
doctors
pharmacy
labs
specialties
inbox
general setting
static pages

ID	Speciality	doctor name

Use case	UC-26
Use case name	Delegate
Descriptio	Delegate for pharmacy

n					
Primary actors	Admin				
Secondry actor	Delegate				
Pre condition	1- Open dashboard				
Main flow					
Compone nts	Name	Type	constrains	Validation	
		Data grid			
	Name				
	Phone number			- Mandatory	
	Orders				
Post condition					
Attachme nts	Window Name				

Use case	UC-27				
Use case name	Inbox				
Description					
Primary actors	Admin				
Secondry actor					
Pre condition	1- Open dashboard 2- Choose inbox				
Main flow					
Compone nts	Name	Type	constrains	Validatiions	
	Inbox	Data grid			
	Id		Numbers only	Mandatory	
	Date		Numbes only	Mandatory	
	Time			Mandatory	
	username			Mandatory	
	operations				
Post condition					

	withdraw				
Post condition					
attachme nts	<div>Window Name</div> <div></div> <div> <div> <div>Roles&responsibilities</div> <div>appointments</div> <div>doctors</div> <div>pharmacy</div> <div>labs</div> <div>specialties</div> <div>inbox</div> <div>general setting</div> <div>static pages</div> </div> <div> <div>General settings</div> <div>Search area <input type="text"/> KM</div> <div>Max withdraw <input type="text"/> LE</div> </div> </div>				

Use case	UC-29
Use case name	Static page
Description	Static pages from admin in dashboard
Primary actors	Admin
Secondry actor	
Pre condition	1- Open dashboard 2- Choose ststic pages
Main flow	

Compo nts	Name	type	constrains	validation
		Data grid		
	operations	button		
	Abouts us	text		

attchment
s

Window Name

roles&permissions

appointments

inbox

general settings

static pages

page name	operation
about us	
terms &condition	

attachme
nts

Window Name

Roles&permissions

appointments

inbox

general settings

static pages

static page

B I U  style      

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