



Benha Clinics

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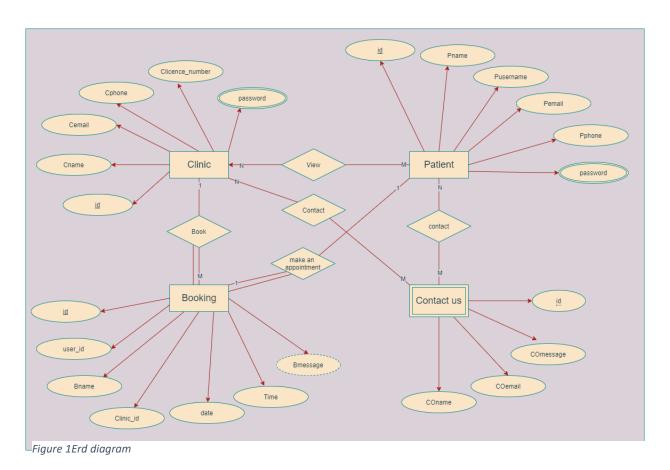
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Introduction:

The problem is the Clinics were very crowded and patients wait a very long time to make just one appointment, so we came up with the solution. the patient now can book his appointment online and come to the clinic in his appointment with no queue, on the other hand, the clinic is not crowded and able to be registered on the site and show all appointments. First, we made a site to serve one clinic and its patients, then we generalized the idea. so, we enhanced the site, the site can serve more than one clinic and many patients. Our system is considered a middleware between clinics and patients, and provides the spirit of competition between clinics, and that makes doctor's clinics improve the techniques that they provide to their patients.

UML diagrams:



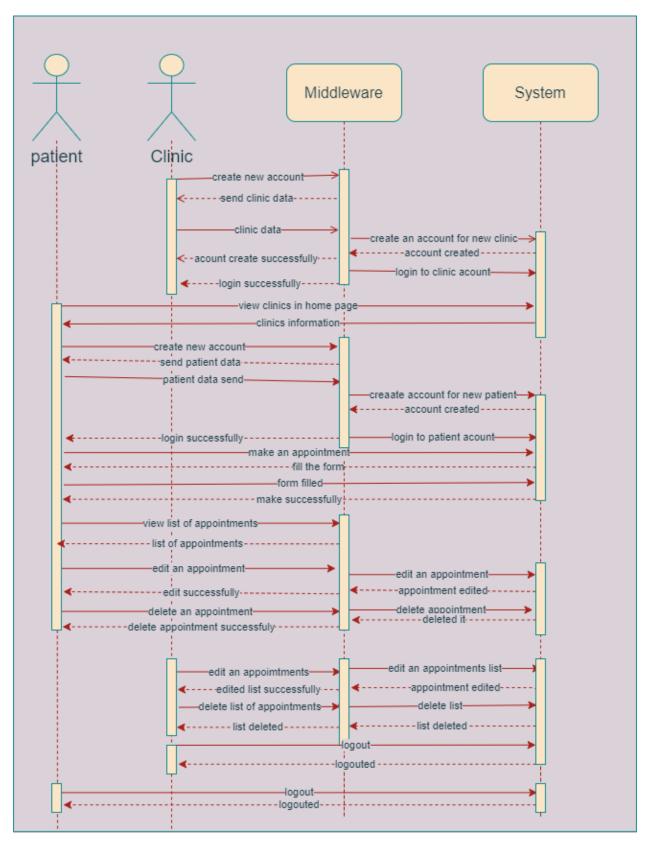


Figure 2sequence diagram

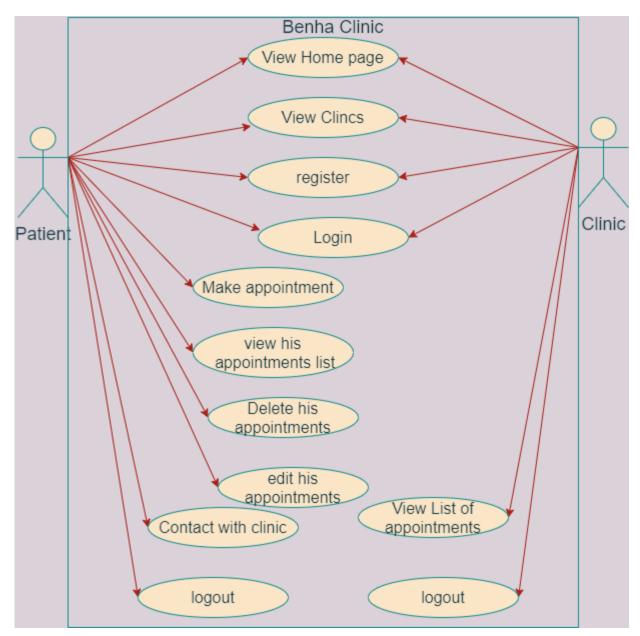


Figure 3use case diagram

System Forms and Reports Screens Using (Pencil):

Make An Appointment Enter The Patient name Choose Clinic mm/dd/yyyy □ Enter your message

Figure 4form make appointments



Figure 5report patient appointments



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Email

bfci.bu.edu.eg@outlook.com info.Benha@gmail.com

Send us a message

If you have any problems or suggestion contact us:

Enter your name

Enter your email

Enter your message

Send Now

Figure 6contact us form

Dental Clinic

clinic1@gmail.com 012345678910

Veterinary clinic

clinic2@gmail.com 01172583690

Figure 7report of clinics in our system

Benha Clinic

This website helps patients and clinics.

If you are a patient login as patient and make appointments in our clinic.

If you are a clinic login as clinic and you can see table of appointment of your clinic.

Figure 8about our site

Login

Enter your email

Enter password

login

Don't have account?Register now

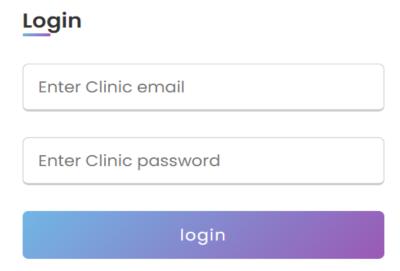
Figure 9 form login for patients

Registration

Full Name	Username
Enter your name	Enter your username
Email	Phone Number
Enter your email	Enter your number
Password	Confirm Password
Enter your password	Confirm your password
	Register

Already have an account? Login

Figure 11form registration for patients



Don't have account?Register now

Registration

Clinic Name	Email
Enter Clinic Name	Enter Clinic email
Phone Number	Clinic License Number
Enter Clinic Phone Number	Enter Clinic License Number
Password	Confirm Password
Enter Clinic password	Confirm Clinic password

Register

Already have an account? Login

Figure 12form registration for clinics

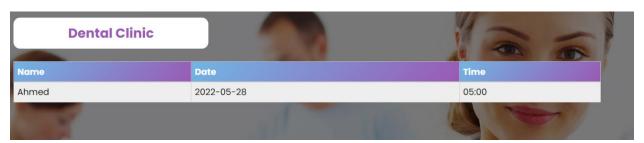


Figure 13report clinic appointments1

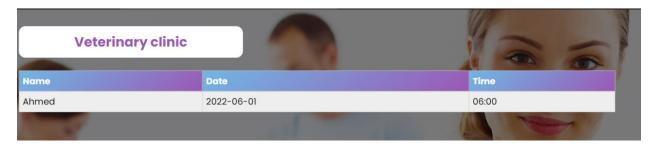


Figure 14report clinic appointments2

Database schema and tables screen:

Tables (10)	
> 🗏 books	CREATE TABLE "books" ("id" integer not null primary key autoincrement, "user_id" integer not null, "bname" varchar not null, "clinic_id" integer not null, "date" date not null, "time" time not null, "bn
> 🗏 contacts	CREATE TABLE "contacts" ("id" integer not null primary key autoincrement, "coname" varchar not null, "coemail" varchar not null, "comessage" text not null, "created_at" datetime, "updated_at" datetime, "upd
> 🗏 cregisters	CREATE TABLE "cregisters" ("id" integer not null primary key autoincrement, "cname" varchar not null, "cemail" varchar not null, "cphone" varchar not null, "cnum" varchar not null, "Password" varch
> 🖩 failed_jobs	CREATE TABLE "failed_jobs" ("id" integer not null primary key autoincrement, "uuid" varchar not null, "connection" text not null, "queue" text not null, "payload" text not null, "exception" text not nul
> 🗏 migrations	CREATE TABLE "migrations" ("id" integer not null primary key autoincrement, "migration" varchar not null, "batch" integer not null)
> 🖩 password_resets	CREATE TABLE "password_resets" ("email" varchar not null, "token" varchar not null, "created_at" datetime)
> personal_access_tokens	CREATE TABLE "personal_access_tokens" ("id" integer not null primary key autoincrement, "tokenable_type" varchar not null, "tokenable_id" integer not null, "name" varchar not null, "token" varchar
> 🖩 pregisters	CREATE TABLE "pregisters" ("id" integer not null primary key autoincrement, "pname" varchar not null, "pusername" varchar not null, "pemail" varchar not null, "pphone" varchar not null, "password"
> 🖩 sqlite_sequence	CREATE TABLE sqlite_sequence(name,seq)
> 🖩 users	CREATE TABLE "users" ("id" integer not null primary key autoincrement, "name" varchar not null, "email" varchar not null, "email_verified_at" datetime, "password" varchar not null, "remember_toke
Ñ T_J: /Г\	

Figure 16database schema1

null, "date" date not null, "time" time not null, "bmessage" text, "created_at" datetime, "updated_at" datetime, foreign key("user_id") references "Pregisters"("id") on delete cascade, foreign key("clinic_id") references "Cregisters"("id") on delete cascade)
t not null, "created_at" datetime, "updated_at" datetime)
not null, "cnum" varchar not null, "Password" varchar not null, "Password_confirmation" varchar not null, "created_at" datetime, "updated_at" datetime)
ıll, "payload" text not null, "exception" text not null, "failed_at" datetime default CURRENT_TIMESTAMP not null)
r not null, "name" varchar not null, "token" varchar not null, "abilities" text, "last_used_at" datetime, "created_at" datetime, "updated_at" datetime)
har not null, "pphone" varchar not null, "password" varchar not null, "password_confirmation" varchar not null, "created_at" datetime, "updated_at" datetime)
ime, "password" varchar not null, "remember_token" varchar, "created_at" datetime, "updated_at" datetime)

Figure 15database schema2

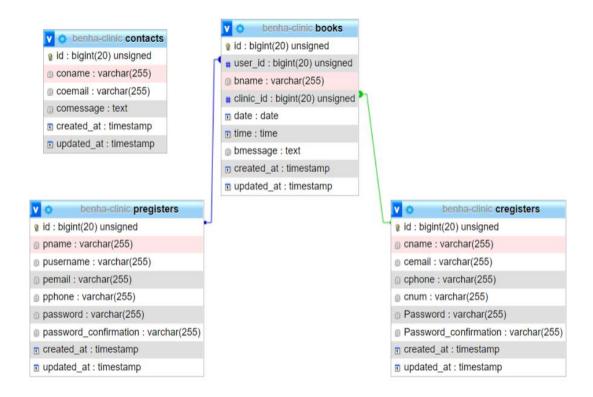


Figure 17database schema design

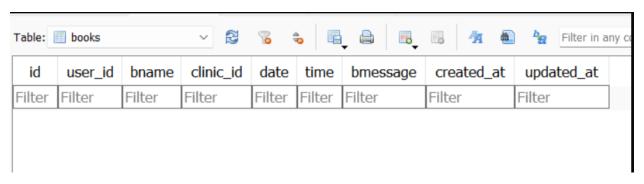


Figure 18books database

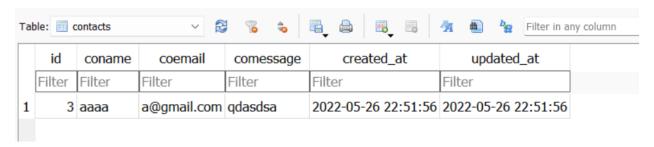


Figure 19contact table

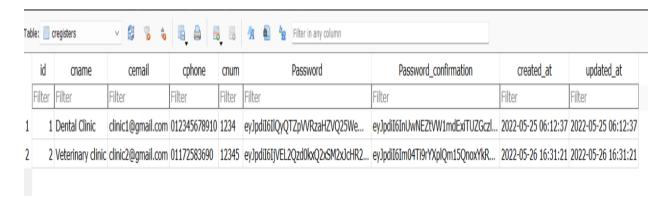


Figure 20registration table for clinics

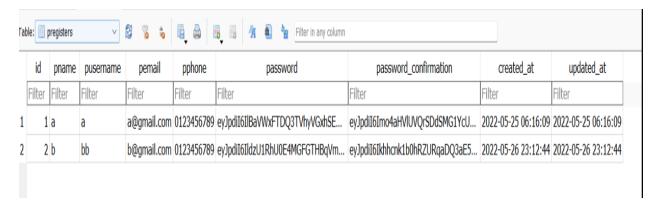


Figure 21registeration table or patient

proposed testing methods:

Table 1test table

Feature/Interface	Test case	Result	Type of error
Registration.	Actors sign up process	Pass	None
Login	Actor sign-in process	Pass	None

Make an appointment	An actor can make an appointment	Pass	None
View actor appointments.	An actor can view their appointments.	Pass	None
Contact us	Actors can contact us.	Pass	None
Delete appointments	The patient can delete his appointments	Pass	None
Edit appointments	The patient can edit his appointments	Pass	None
View clinics	Actors can view clinics.	Pass	None
View information about us	Actors can view information about us	Pass	None
View appointment details	An actor can view appointment details.	Pass	None

View Home page	Actors can view the home page	Pass	None
Fast access to the user account from other pages	Actors can go back to their accounts from other pages	Pass	None
Logout	Actors can logout from their account	Pass	None

Table 2test database table

Verifying output data	Verifying incoming data
All the desired data was retrieved correctly from the database.	All the data entered into the database through the application was entered and stored in the database correctly.

Tables (10)

No me	Type	Schema
books	-,,,-	CREATE TABLE "books" ("id" integer not null primary key
DOOKS		autoincrement, "user_id" integer not null, "bname" varchar not
		null, "clinic_id" integer not null, "date" date not null,
		"time" time not null, "bmexxage" text, "created_at" datetime, "updated_at" datetime, foreign key("uxer_id") referencex
		"Pregisters" ("id") on delete cascade, foreign key("clinic id")
		references *Cregisters*(*id*) on delete cascade)
ld	integer	"Id" Integer NOT NULL
user_id	integer	"user_id" Integer NOT NULL
bnam e	varchar	"bname" varchar NOT NULL
clinic_id	integer	"dinic_id" integer NOT NULL
date	date	"date" date NOT NULL
time	time	"time" time NOT NULL
bmessage	text	"bmessage" text
created at	datetime	"created at" datetime
updated_at		"updated_at" datetime
		CREATE TABLE *contacts* (*id* integer not null primary key
contacts		autoincrement, "coname" warchar not null, "coemail" warchar
		not null, "comessage" text not null, "created_at" datetime,
		"updated_at" datetime)
ld	integer	"Id" Integer NOT NULL
coname	vercher	"coname" verchar NOT NULL
coemail	varchar	"coemail" varchar NOT NULL
comessage	text	"comessage" text NOT NULL
created_at	datetime	"created_at" datetime
updated_at	datetime	"updated_at" datetime
cregisters		CREATE TABLE "cregisters" ("id" integer not null primary key
		autoincrement, "cname" varchar not null, "cemail" varchar not null, "cphone" varchar not null, "cnum" varchar not null,
		Password varchar not null, *Password confirmation* varchar
		not null, "created_at" datetime, "updated_at" datetime)
ld	integer	"d" Integer NOT NULL
cname	varchar	"cname" verchar NOT NULL
cemail	varchar	"cemail" verchar NOT NULL
cphone	varchar	"cphone" varchar NOT NULL
cnum	varchar	"onum" verchar NOT NULL
Password	varchar	"Password" varchar NOT NULL
Password_confirmation	varchar	"Password confirmation" verchar NOT NULL
created at	datetime	"created at" datetime
updated_at		"updated at" datetime
	Gateume	
failed_jobs		CREATE TABLE "failed_jobx" ("id" integer not null primary key autoincrement, "uuid" warchar not null, "connection" text not
		mull, "queue" text not null, "payload" text not null,
		"exception" text not null, "failed_at" datetime default
*		CURRENT_TIMESTAMP not mull)
ld	integer	"Id" Integer NOT NULL
uuld	varchar	"uuld" vercher NOT NULL
connection	text	"connection" text NOT NULL
	The second	"queue" text NOT NULL
	text	-
queue	text	"payload" text NOT NULL
queue payload exception		-

Na me	Туре	Schema
migrations		CREATE TABLE "migrations" ("id" integer not null primary key
illigrations		autoincrement, "migration" varcher not null, "betch" integer
- 1		not null)
ld	integer	"id" integer NOT NULL
migration	vercher	"migration" varchar NOT NULL
batch	integer	"batch" integer NOT NULL
password_resets		CREATE TABLE "personard resets" ("email" varcher not null, "token" varcher not null, "created_at" datetime)
email	verchar	"email" verchar NOT NULL
token	vercher	"token" varchar NOT NULL
created_at	datetime	"created_at" datetime
personal_access_tokens		CREATE TABLE "personal_access_tokens" ("id" integer not null primary key autoincrement, "tokenable_type" varcher not null, "tokenable_id" integer not null, "name" varcher not null, "token" varcher not null, "abilities" text, "last_used_at" datetime, "created_at" datetime, "updated_at" datetime)
ld	integer	"id" Integer NOT NULL
tokenable_type	vercher	"tokenable_type" varchar NOT NULL
tokenable_ld	integer	"tokenable_id" Integer NOT NUIL
name	varchar	"name" varchar NOT NULL
token	vercher	"token" varchar NOT NULL
abilities	text	"ablities" text
last used at	datetime	"last used at" datetime
created at		"created at" datetime
updated at		"updated at" datetime
pregisters	GEGETINE	CREATE TABLE "pregisters" ("id" integer not null primary key
		autoincrement, "pname" warcher not null, "pusername" warcher not null, "pemail" warcher not null, "pphone" warcher not null, "pessword" warcher not null, "pessword_confirmation" warcher not null, "created_at" datatime, "updated_at" datatime)
ld	integer	"id" Integer NOT NULL
pname	vercher	"pname" varchar NOT NULL
pusername	verchar	"pusername" varchar NOT NULL
pemail	vercher	"pemail" varchar NOT NULL
pphone	verchar	"pphone" varchar NOT NULL
password	varchar	"password" varchar NOT NJILL
password_confirmation	vercher	"password_confirmation" varchar NOT NULL
created at		"created at" datetime
updated_at		"updated_at" datetime
sqlite_sequence	CECCONE	CREATE TABLE aglite_sequence(nume, seq)
name		"name"
seq		"seo"
users		CREATE TABLE "users" ("id" integer not null primary key autoincrement, "name" warchar not null, "email" warchar not null, "email_verified_at" datetime, "password" warchar not null, "remember_token" warchar, "created_at" datetime, "updated_at" datetime)
ld	integer	"id" Integer NOT NULL
name	vercher	"name" varchar NOT NULL
email	varchar	"email" varchar NOT NULL
email_verified_at	datetime	
password	varchar	"password" varchar NOT NULL

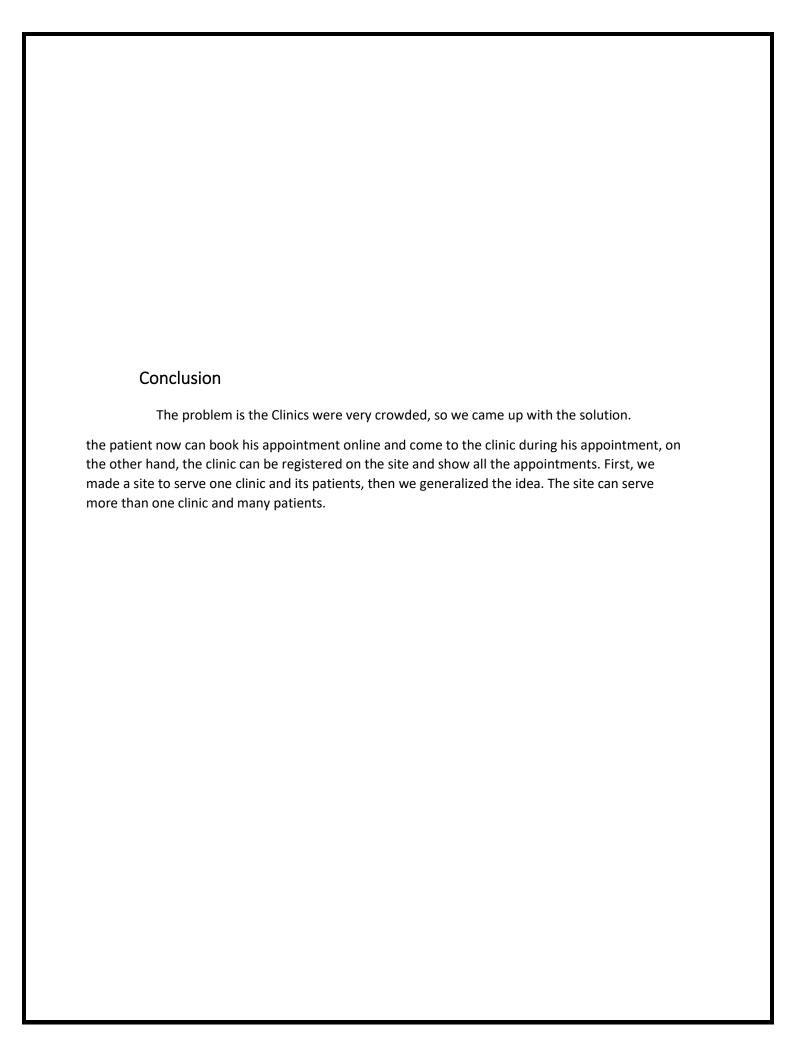
Na me	Туре	Schema
remember_token	verchar	"rem ember_token" varchar
created_at	datetime	"created_at" datetime
updated_at	datetime	"updated_at" datetime

Indices (5)

2.114.7645 (6)			
Na me	Type	Schema	
failed_jobs_uuid_unique		CREATE UNIQUE INDEX "failed_jobs_unid_unique" on "failed_jobs" ("unid")	
uuld		"uuld"	
password_resets_email_i ndex		CREATE INDEX "password_resets_email_index" on "password_resets" {"email"}	
email		"email"	
personal_access_tokens_t oken_unique		CREATE UNIQUE INDEX "personal_access_tokens_token_unique" on "personal_access_tokens" ("token")	
token		"token"	
personal_access_tokens_t okenable_type_tokenable _id_index		CREATE INDEX "personal_access_tokens_tokenable_type_tokenable_id_index" on "personal_access_tokens" {"tokenable_type", "tokenable_id"}	
tokenable_type		"tokenable_type"	
tokenable_id		"tokenable_id"	
users_email_unique		CREATE UNIQUE INDEX "users_email_unique" on "users" ("email")	
email		"email"	

Views (0) Name Type Schema

Triggers (0)



Resources:

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