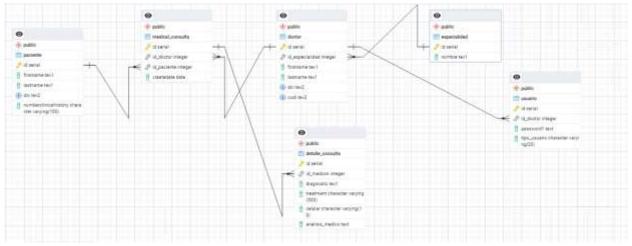
DESCRIPCION DEL PROYECTO Y REPOSITOR EN GIT HUB INICIO DEL PROYECTO

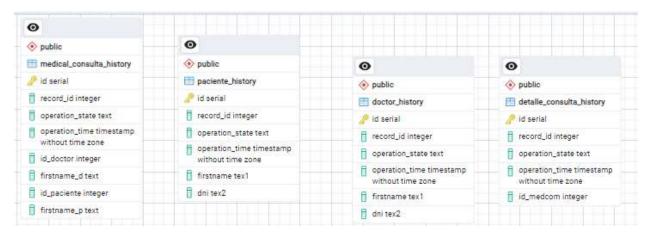
Base de datos



```
CREATE DOMAIN tex1 AS VARCHAR (100) NOT NULL;
CREATE DOMAIN tex2 AS VARCHAR(20) NOT NULL;
CREATE TABLE public.especialidad(
    id SERIAL PRIMARY KEY,
    nombre tex1
);
CREATE TABLE public.doctor(
    id SERIAL PRIMARY KEY,
    id especialidad INT NOT NULL,
    firstname tex1,
    lastname tex1,
    dni tex2 UNIQUE,
    codi tex2 UNIQUE,
    CONSTRAINT fk especialidad FOREIGN KEY (id especialidad)
    REFERENCES public.especialidad (id)
        ON UPDATE CASCADE
        ON DELETE CASCADE
);
CREATE TABLE public.paciente(
    id SERIAL PRIMARY KEY,
    firstname tex1,
    lastname tex1,
    dni tex2 UNIQUE,
    numberclinicalhistory varchar(100) DEFAULT 'HHP0001'
);
CREATE TABLE public.medical consulta(
    id SERIAL PRIMARY KEY,
```

```
id doctor INTEGER NOT NULL,
    id paciente INTEGER NOT NULL,
    createdate DATE NOT NULL,
    CONSTRAINT fk doctor FOREIGN KEY (id doctor)
    REFERENCES public.doctor (id)
        ON UPDATE CASCADE ON DELETE CASCADE,
    CONSTRAINT fk paciente FOREIGN KEY (id paciente)
    REFERENCES public.paciente (id)
        ON UPDATE CASCADE ON DELETE CASCADE
);
CREATE TABLE public.detalle consulta(
    id SERIAL PRIMARY KEY,
    id medcon INTEGER NOT NULL,
    diagnostic tex1,
    treatment VARCHAR (500) NOT NULL,
    celular varchar(10),
    analisis medico text
    CONSTRAINT fk medical_consulta FOREIGN KEY (id_medcon)
    REFERENCES public.medical consulta (id)
        ON UPDATE CASCADE ON DELETE CASCADE
);
CREATE TABLE public.usuario(
    id SERIAL PRIMARY KEY,
    id doctor INTEGER NOT NULL,
    password1 VARCHAR(30) NOT NULL,
     tipo usuario VARCHAR(20) NOT NULL,
    CONSTRAINT fk doctor FOREIGN KEY (id doctor)
    REFERENCES public.doctor (id)
        ON UPDATE CASCADE ON DELETE CASCADE
);
```

Los triggers de la base de datos con tablas

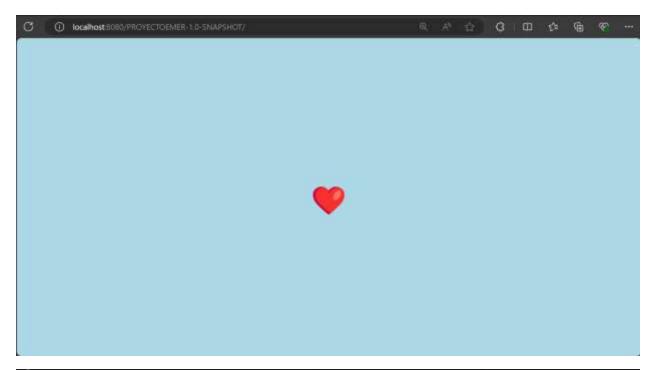


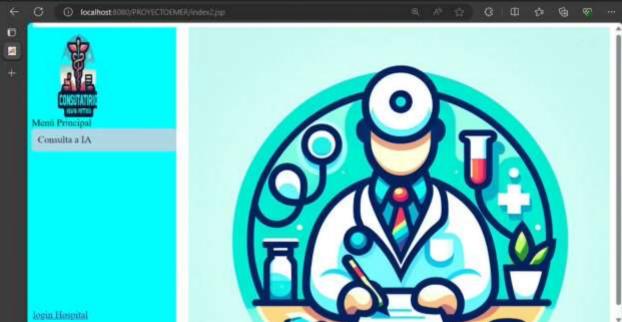
```
CREATE TABLE public.paciente history(
    id SERIAL PRIMARY KEY,
    record id INTEGER NOT NULL,
    operation state TEXT NOT NULL,
    operation time TIMESTAMP NOT NULL DEFAULT CURRENT TIMESTAMP,
       firstname tex1,
       dni tex2
);
CREATE OR REPLACE FUNCTION log paciente history()
RETURNS TRIGGER AS $$
BEGIN
    IF TG OP = 'INSERT' THEN
        INSERT INTO public.paciente history (record id, operation state,
firstname, dni)
       VALUES (NEW.id, 'AÑADIDO', NEW.firstName, NEW.dni);
    ELSIF TG OP = 'DELETE' THEN
        INSERT INTO public.paciente history (record id, operation state,
firstname, dni)
        VALUES (OLD.id, 'ELIMINADO', OLD.firstName, OLD.dni);
    ELSIF TG OP = 'UPDATE' THEN
        INSERT INTO public.paciente history (record id, operation state,
firstname, dni)
        VALUES (NEW.id, 'EDITADO', NEW.firstName, NEW.dni);
    END IF;
    RETURN NULL;
$$ LANGUAGE plpgsql;
CREATE TRIGGER paciente history trigger
AFTER INSERT OR DELETE OR UPDATE ON public.paciente
FOR EACH ROW
EXECUTE FUNCTION log paciente history();
CREATE TABLE public.medical consulta history(
    id SERIAL PRIMARY KEY,
    record id INTEGER NOT NULL,
    operation state TEXT NOT NULL,
    operation time TIMESTAMP NOT NULL DEFAULT CURRENT TIMESTAMP,
       id doctor INTEGER not null,
       firstname d text not null,
       id paciente INTEGER not null,
       firstname p text not null
);
CREATE OR REPLACE FUNCTION log medical consulta history()
RETURNS TRIGGER AS $$
BEGIN
    IF TG OP = 'INSERT' THEN
        INSERT INTO public.medical consulta history (record id,
operation state, id doctor, firstname d, id paciente, firstname p)
```

```
VALUES (NEW.id, 'AÑADIDO', NEW.id doctor, (SELECT firstname FROM
doctor WHERE id = NEW.id doctor), NEW.id paciente, (SELECT firstname FROM
paciente WHERE id = NEW.id paciente));
    ELSIF TG OP = 'DELETE' THEN
        INSERT INTO public.medical consulta history (record id,
operation state, id doctor, firstname d, id paciente, firstname p)
        VALUES (OLD.id, 'ELIMINADO', OLD.id doctor, (SELECT firstname FROM
doctor WHERE id = OLD.id doctor), OLD.id paciente, (SELECT firstname FROM
paciente WHERE id = OLD.id paciente));
    ELSIF TG OP = 'UPDATE' THEN
        INSERT INTO public.medical consulta history (record id,
operation state, id doctor, firstname d, id paciente, firstname p)
        VALUES (NEW.id, 'EDITADO', NEW.id doctor, (SELECT firstname FROM
doctor WHERE id = NEW.id doctor), NEW.id paciente, (SELECT firstname FROM
paciente WHERE id = NEW.id paciente));
   END IF;
   RETURN NULL;
END;
$$ LANGUAGE plpgsql;
CREATE TRIGGER medical consulta history trigger
AFTER INSERT OR DELETE OR UPDATE ON public.medical consulta
FOR EACH ROW
EXECUTE FUNCTION log medical consulta history();
CREATE TABLE public.detalle consulta history(
   id SERIAL PRIMARY KEY,
    record id INTEGER NOT NULL,
    operation state TEXT NOT NULL,
    operation time TIMESTAMP NOT NULL DEFAULT CURRENT TIMESTAMP,
       id medcom INTEGER not null
);
CREATE OR REPLACE FUNCTION log detalle consulta history()
RETURNS TRIGGER AS $$
BEGIN
    IF TG OP = 'INSERT' THEN
        INSERT INTO public.detalle consulta history (record id,
operation state, id medcom)
       VALUES (NEW.id, 'AÑADIDO', NEW.id medcon);
    ELSIF TG OP = 'DELETE' THEN
        INSERT INTO public.detalle consulta history (record id,
operation state, id medcom)
       VALUES (OLD.id, 'ELIMINADO', OLD.id medcon);
    ELSIF TG_OP = 'UPDATE' THEN
        INSERT INTO public.detalle consulta history (record id,
operation state, id medcom)
        VALUES (NEW.id, 'EDITADO', NEW.id medcon);
```

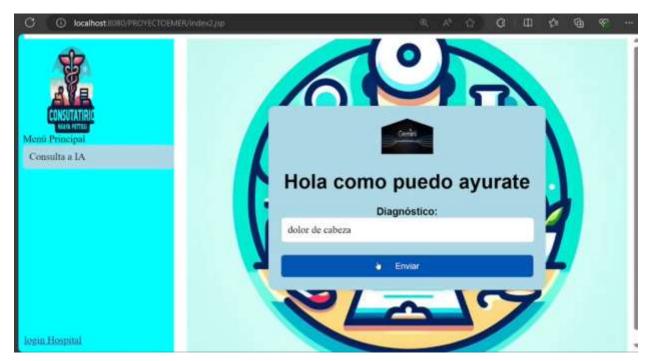
```
END IF;
   RETURN NULL;
$$ LANGUAGE plpgsql;
CREATE or replace TRIGGER detalle consulta history trigger
AFTER INSERT OR DELETE OR UPDATE ON public.detalle_consulta
FOR EACH ROW
EXECUTE FUNCTION log detalle consulta history();
CREATE TABLE public.doctor history(
   id SERIAL PRIMARY KEY,
   record id INTEGER NOT NULL,
    operation state TEXT NOT NULL,
    operation time TIMESTAMP NOT NULL DEFAULT CURRENT TIMESTAMP,
       firstname tex1,
       dni tex2
);
CREATE OR REPLACE FUNCTION log doctor history()
RETURNS TRIGGER AS $$
BEGIN
    IF TG OP = 'INSERT' THEN
        INSERT INTO public.doctor history (record id, operation state,
firstname, dni)
       VALUES (NEW.id, 'AÑADIDO', NEW.firstName, NEW.dni);
   ELSIF TG OP = 'DELETE' THEN
       INSERT INTO public.doctor history (record id, operation state,
firstname, dni)
        VALUES (OLD.id, 'ELIMINADO', OLD.firstName, OLD.dni);
    ELSIF TG OP = 'UPDATE' THEN
       INSERT INTO public.doctor history (record id, operation state,
firstname, dni)
       VALUES (NEW.id, 'EDITADO', NEW.firstName, NEW.dni);
   END IF;
   RETURN NULL;
END;
$$ LANGUAGE plpgsql;
CREATE TRIGGER doctor history trigger
AFTER INSERT OR DELETE OR UPDATE ON public.doctor
FOR EACH ROW
EXECUTE FUNCTION log doctor history();
```

Inicio del sistema





Api del sistema

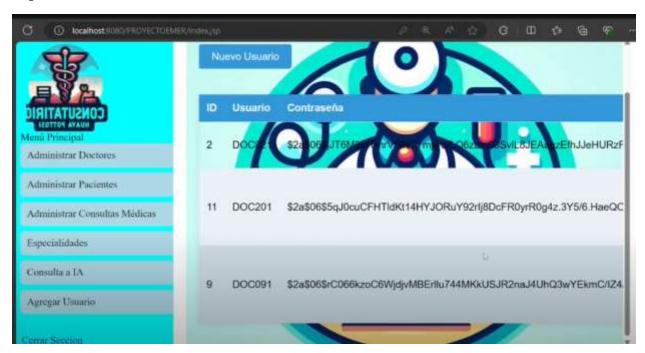




Login del sistema



Login al lado del Administrador



Login al lado del Medico



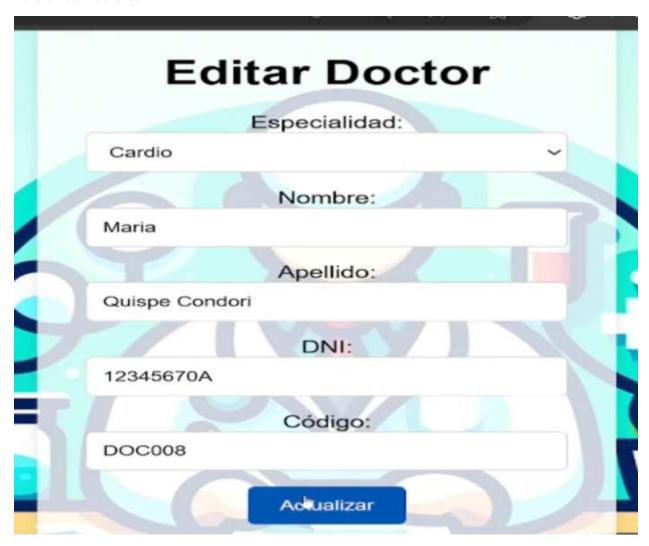
Tabla Doctores



Reportes de Doctores



Edición de Doctores



	11	Medico	Ever	Quispe	1000780A	DOC201	Editar
CONSUTATIRIO	6	Pediatra	Jose Ever	Quispe	1000000A	DOC021	Eliminar
Administrar Doctores	2	Pediatra	Jose Carlos	Perez	10045670A	DOC001	Editar
Administrar Pacientes							Eliminar
Administrar Consultas Médicas	12	Ginecologia	Alvaro	Quispe Apaza	100071741	DOC900	Editar Eliminar
Especialidades							
Consulta a IA	7	Cardio	Maria	Quispe Condori	12345670A	DOC008	Editar Eliminar
Agregar Usuario							
errar Seccion	16	Medico	Diego	Franzisco	13456789	DOC300	Eliminar

Eliminación de Doctores



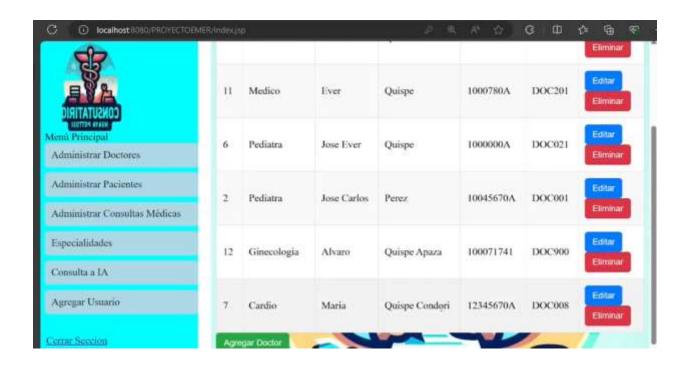
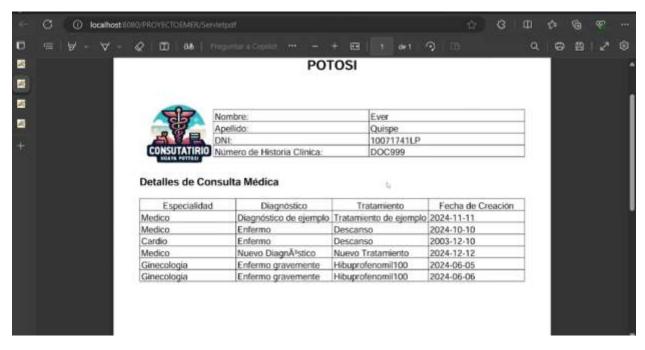


Tabla Pacientes

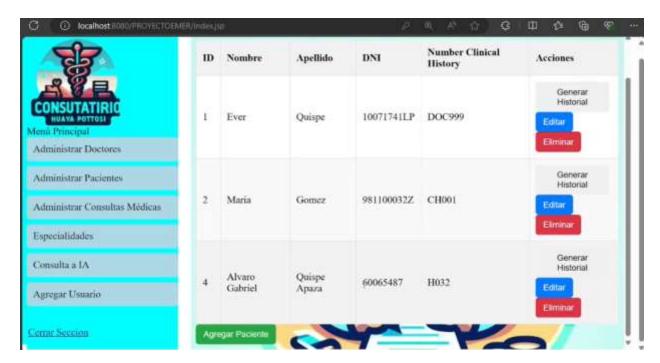


Reporte de un Paciente



Editar Paciente





Eliminar Paciente



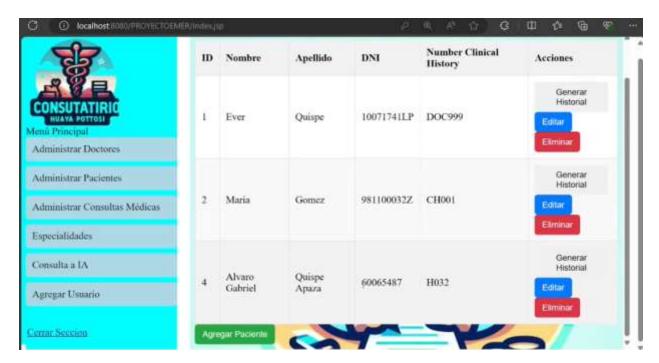
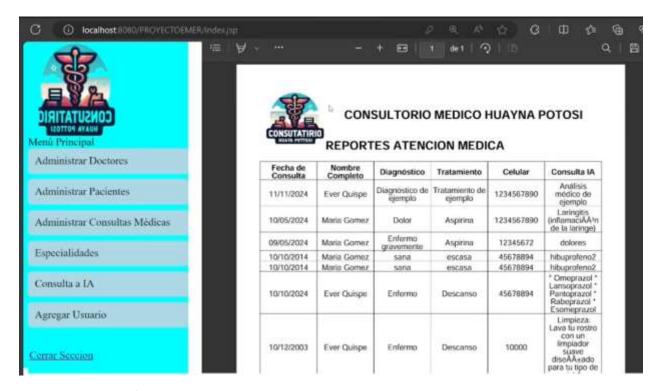


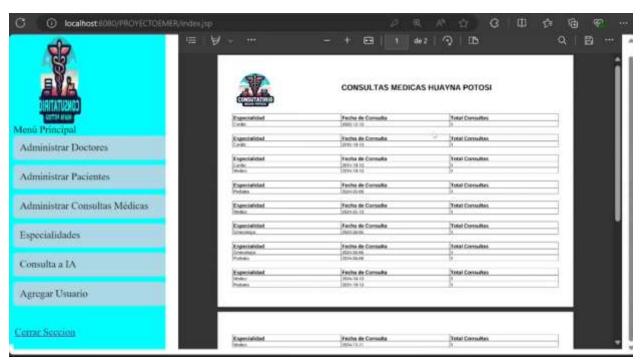
Tabla Consulta Pacientes



Reporte de Historial Medico



Reporte de Atención medica

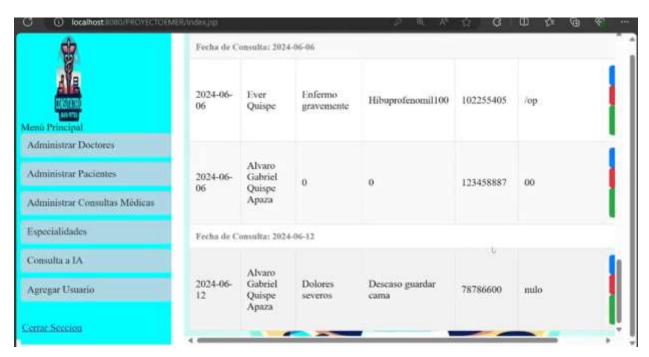


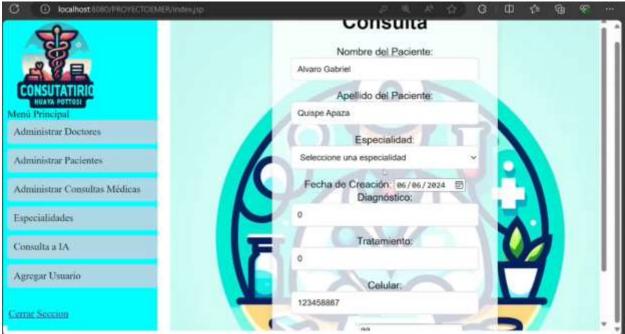
Agregar Paciente en Consulta

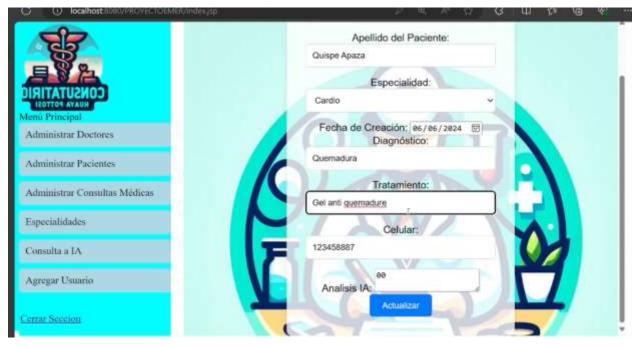


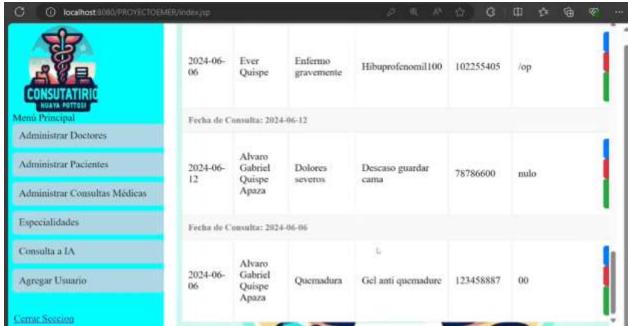


Editar Consulta

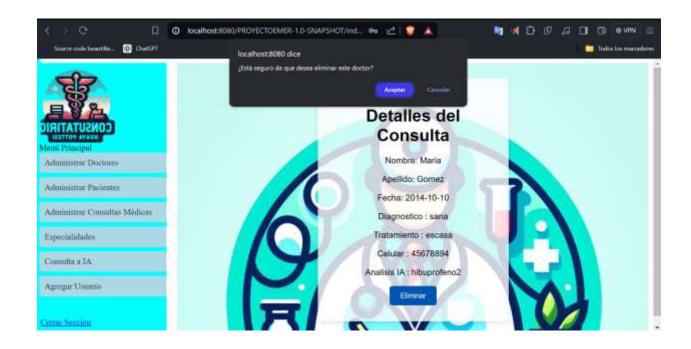


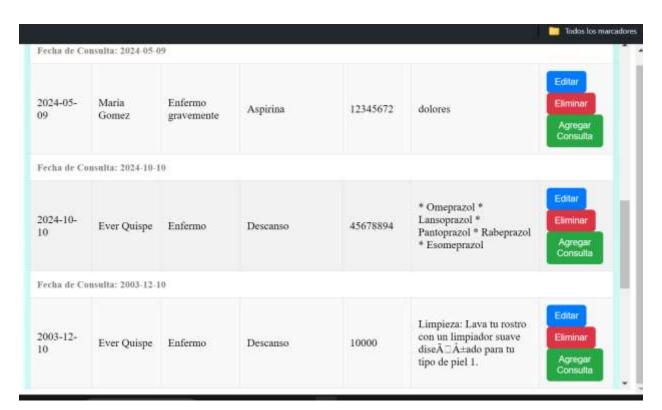






Eliminar Consulta





Agregar consulta a un paciente existente

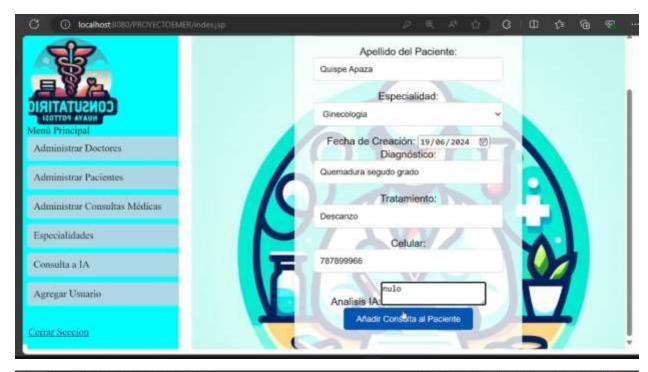
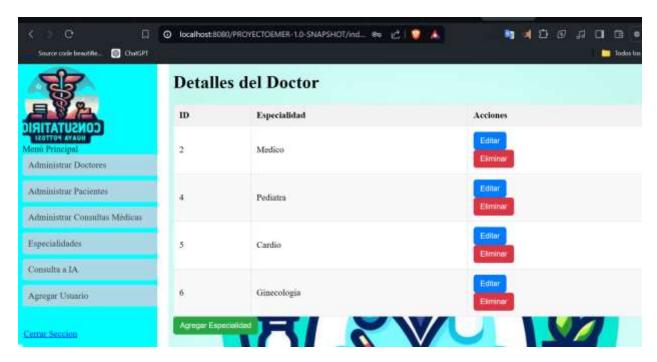
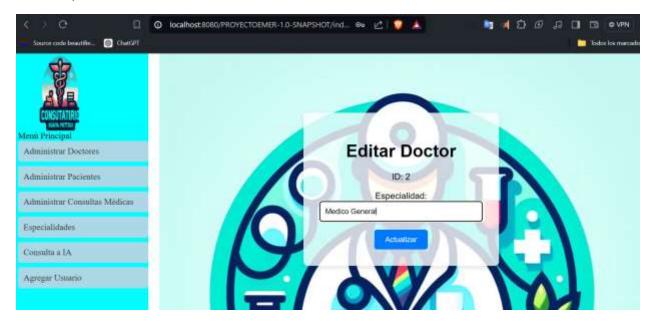


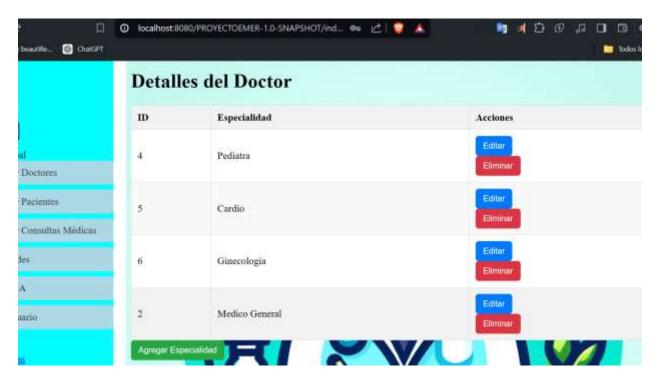


Tabla especialidades



Editar Especialidad





Eliminar Especialidad

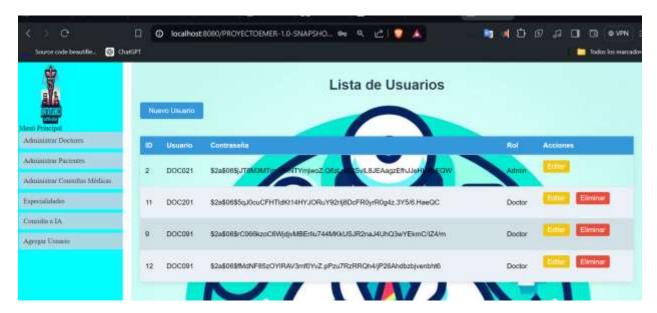


Tabla de Usuario de lado del Administración

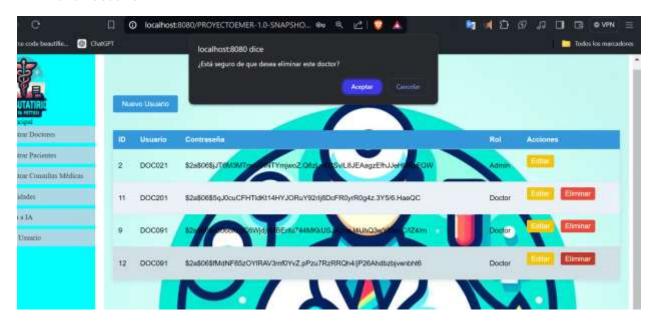


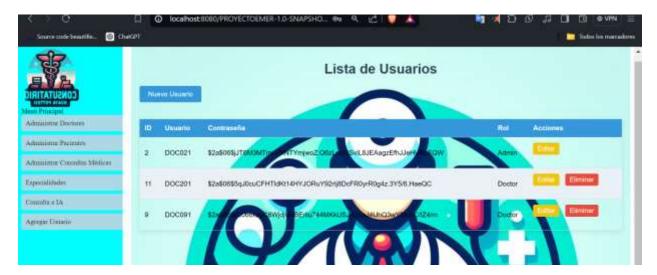
Nuevo Usuario o nuevas credenciales





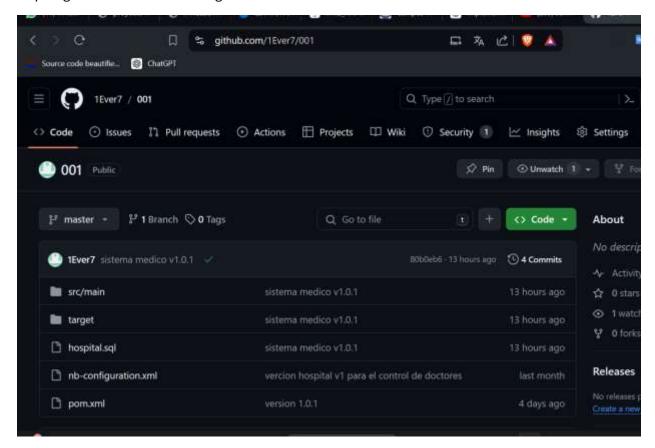
Eliminar un usuario





Reposcitorio de Github

https://github.com/1Ever7/001.git



Vido youtuve

https://youtu.be/0emfdguzfuU?si=oZKVT8YniEuUBM0w

```
ALVARO@DESKTOP-2HOS6IC MINGW64 ~/OneDrive/Documentos/NetBeansProjects/PROYECTOEM
ERII/PROYECTOEMER (master)
$ git log
commit 80b0eb678fb7af3ac4de0ade4da52b20021792a3 (HEAD -> master)
Author: Ever Quispe <Evertonquispe956@gmail.com>
       Tue Jun 18 02:11:34 2024 -0400
    sistema medico v1.0.1
commit 3fe510847494ee66e9f390b7b06a346bcd64689d (origin/master)
Author: Ever Quispe <Evertonquispe956@gmail.com>
Date: Fri Jun 14 13:42:11 2024 -0400
    version 1.0.1
commit 2e8764cb4eed3a19beacf17ba59dfe8d5ef4040b
Author: Ever Quispe <Evertonquispe956@gmail.com>
Date: Mon May 20 12:48:19 2024 -0400
    version con reportes consultorio medico
commit eeb01d03f96ba9a1a548215eebe3be178d0760b4
Author: Ever Quispe <Evertonquispe956@gmail.com>
       Sat May 18 21:32:17 2024 -0400
    vercion hospital v1 para el control de doctores
(END)...skipping...
    nit 80b0eb678fb7af3ac4de0ade4da52b20021792a3 (HEAD -> master)
Author: Ever Quispe <Evertonquispe956@gmail.com>
Date: Tue Jun 18 02:11:34 2024 -0400
    sistema medico v1.0.1
commit 3fe510847494ee66e9f390b7b06a346bcd64689d (origin/master)
Author: Ever Quispe <Evertonquispe956@gmail.com>
Date: Fri Jun 14 13:42:11 2024 -0400
    version 1.0.1
commit 2e8764cb4eed3a19beacf17ba59dfe8d5ef4040b
Author: Ever Quispe <Evertonquispe956@gmail.com>
Date: Mon May 20 12:48:19 2024 -0400
    version con reportes consultorio medico
commit eeb01d03f96ba9a1a548215eebe3be178d0760b4
Author: Ever Quispe <Evertonquispe956@gmail.com>
Date: Sat May 18 21:32:17 2024 -0400
    vercion hospital v1 para el control de doctores
```

