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## 2nd May delivery

Para esta entrega podemos practicar un poco con la dinámica del sprint.

Podéis empezar definiendo una épica, que sería la de generación de toda la documentación. En la vista de hoja de ruta, le ponéis una barra que empieza en la fecha de hoy, y termine el 19 de abril. (Coincidirá la fecha de fin de la épica con la fecha de fin del sprint, pero no es lo habitual)

Luego, vais al backlog y añadís una 'incidencia' o tarjeta de tipo historia por cada uno de los puntos de la entrega, y las asignáis a la épica que habéis creado:

- Title, purposes
- Functional and non-functional requirements
- Use Case diagram and their textual description
- Data Base (Entity-relation diagram and relational model)
- Data Test  
Description of the project methodology used (Agile)
- Project planning (dates, tasks and resources).

Finalmente, tendrás que estimar el tiempo que vais a tardar en hacer cada historia, y si es más de un día, añadir todas las subtareas que sean necesarias.

Cuando tengáis hecho esto, podéis crear un nuevo sprint (Sprint 0) con todas las historias y subtareas que habéis creado, y podéis luego ir haciendo seguimiento del trabajo que vais haciendo usando el tablero del sprint.

Tened en cuenta algunas de las reglas para trabajar en el sprint, como por ejemplo:

- Hacer un daily de aunque sea 5 minutos cada día para estar informados de lo que hacen el resto de compañeros.
- Poner en la columna 'en curso' todo lo que estáis haciendo, teniendo en cuenta que una persona no puede estar haciendo más de dos tareas a la vez, y de que una tarea no puede estar en la columna 'en curso' durante más de un día.

Podéis ir añadiendo la documentación al Confluence creando los apartados como hemos hecho en la entrega previa.

Una ventaja de trabajar así es que no tendrás que esperar al 29 de abril para que os de feedback, sino que a medida que vayáis subiendo cosas os. podré ir dando feedback.

## Portada



# NBSalut

Documentation about final project DAW 2.

## DEV TEAM

Sandra Herrerias  
Jordi Rocha  
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## -Project Description

### About the company:

NBSalut is a medical center that offers medical treatments for physical and mental health.

It is a center with experience in different health specialties, such as osteopathy, physiotherapy, nutrition or podiatry.

The center is placed in Nou Barris (Barcelona).

### Web page

<https://nbsalutnoubarris.com/>

### Customer need:

As they work in a medical center, their main need is to be able to manage:

- Patients
- Visits
- Invoices
- Treatments
- Users (admin and specialist roles which will have access to the intranet that will be made and patient role which will be used only to manage their data. This user won't have any access to this application due to it is an internal program from the medical center).

From an intranet portal, our admin and specialist must introduce their email and password to log in the application.

From each visit with a patient, a record will be created (patient log). Having the fields id, visit description, recommendations, visit date and SS private code.

A worker can check a client's visitors log. In case the patient weren't registered in the system, a new user would be created.

When a worker ends a visit, if the patient requests it, an invoice is generated. This invoice will be showing the main reason why they visit the specialist, patient's name, date, price, address and payment.

Finally, our customers wants to send a quarterly report to their administrative agent. It must include the invoice history from the last 3 months. The main fields of those records will be treatment's name, worker's name, customer's name, payment and total price.

Roles:

Roles	Description
<b>Admin</b>	All actions will be granted to this user.
<b>Specialist</b>	Will be able to read personal data sheets and visit data sheets. It will be able to filter by client's name, treatment or by patient's id. It will be able to do patient management, visit management, invoice management and treatment management.
<b>Patient</b>	Won't be an intranet's user, but their data will be stored in the DDBB.

Version Control:

Version	New features
1.0.0	In the first version of this project, we have included the title, purposes, the functional and nonfunctional requirements, mockups and wireframes.
1.1.0	In this second version, we fixed and added more Functional and non-functional requirements, use case diagram and their textual description, entity-relation diagram and data cases and description of the methodology used and project planning.
1.2.0	Views and functionalities have been implemented. Some of them has been changed. We have edited the use cases, the class diagram and the E-R diagram adapting them to the changes produced in the functional requirements. Those changes will be documented and analysed further on.

## - Functional and non functional requirements

- - RF 01. Patient Management
- - RF 02. Visit Management
- - RF 03. Invoice Management
- - RF 04. Treatment Management
- - RF 05. User Management
- - NFR 01 Technologies To Develop Web Application
- - NFR 02 On Coding
- - NFR 03 Intranet Responsive
- - NFR 04 Security
- - NFR 05 Compatibility
- - NRF 06 Encrypted Password

### - RF 01. Patient Management

#### **RF 01.01 Register Patient**

As a worker role, I want to create a new patient's record, so that we can manage their visit in our data system. Patient fields (name, surname, address, phone, id-card,e-mail, previous pathologies, diabetic, CIP number, center code and clinical log number, register date, birthday).

#### **RF 01.02 Edit data Patient**

As a worker role, I want to change patient's data, so that I can have their information up to date. Patient fields (name, surname, address, phone, id-card,e-mail, previous pathologies, diabetic, CIP number, center code and clinical log number, register date, birthday, active).

#### **RF 01.03 Delete/Deactivate Patient**

As a worker role, I want to delete a patient, so that I can delete their information from data source. We must be sure that we want to delete this patient if we won't need their data anymore. Otherwise, we will have to deactivate it. In this case, we would be able to check their data, in case we want to send info about new treatments.

## **RF 01.04 List All Patients**

As a worker role, I want to list all patients, so that I can display all their information in a table. Patient fields (clinical log number, name, surname, telephone, id-card,e-mail, status(active/deactivated), modify, delete).

## **RF 01.05 Search Patient**

As a worker role, I want to search a patient by name or surname in order to see their data.

- [Functional and non functional requirements](#)
- RF 02. Visit Management

## **RF 02.01 Register Visit**

As a worker role, I want to register a new visit from a patient, so that I can schedule it on my system and attend it. Visit fields (visit date, visit description, clinical log number, id-card, name, surname, files to attach).

## **RF 02.02 Patient's Records**

As a worker role, I want to be able to check visits by patient, so that I can be up to date with my patient.

## **RF 02.03 List Visits**

As a worker role, I want to display all the patient's visits, so that I can check all their visits.

## **RF 02.04 Search Visits**

As a worker role, I want to search all the patient's visits, so that I can check all their visits. Must be able to search it by name, surname and/or filter by visit date.

- [Functional and non functional requirements](#)
- RF 03. Invoice Management

## **RF 03.01 Generate Invoice**

As an Admin/Specialist role, I want to generate invoices, so that I can save an invoice from a patient's visit.

## **RF 03.02 Send Invoice**

~~As an Admin role, I want to send invoices (PDF) by email, so that I can send it by to patient.~~

## **RF 03.03 Choose invoicing**

~~As an Admin role, I want to choose the health worker that will appear in the invoice.~~

## **RF 03.04 Quarterly report**

As an Admin/Specialist role, I want to send a quarterly report about our visits log, so that I can generate an excel to be sent administrative agent.

- [Functional and non functional requirements](#)
- RF 04. Treatment Management

## **RF 04.01 Choose Treatment in Visits**

As a Worker role, I want to be able to select the treatment while I am creating the visit, so that I can change it before it has been generated.

## **RF 04.02 Update Treatment**

As a Worker role, I want to be able to update treatments (name treatment, description, price), so that I can change their prices or description.

### **RF 04.03 Deactivate Treatment**

As a worker role, I want to delete a patient, so that I can delete their information from data source. We must be sure that we want to delete this patient if we won't need their data anymore. Otherwise, we will have to deactivate it. In this case, we would be able to check their data, in case we want to send info about new treatments.

### **RF 04.04 List All Treatments**

As a worker role, I want to list all treatments, so that I can display all their information in a table. Treatments fields (name treatment, description, price).

### **RF 04.05 Create a new Treatment**

As a worker role, I want to add a new treatment (name treatment, description, price).

### **RF 04.06 Search Treatments**

As a worker role, I want to search a treatment by treatment's name.

- [Functional and non functional requirements](#)
- RF 05. User Management

### **RF 05.01 Login**

As an Admin role, I must be able to login in the system, so that I can manage all the tasks from patient management, visit management, invoice management, treatment management and user management.

As a Specialists role, I want to able to login in intranet, so that I can manage the CRUD tasks from patient management, visit management, invoice management and treatment management.

### **RF 05.02 Logout**

As an Admin/r role, I want to logout from the system.

### **RF 05.03 Register specialist/admin**

As an Admin, I want to register a new Specialists , so that he/she can manage patient and visit requirements. (collegiate number, register date, role, password, name, surname, email, birthdate, id-card, phone, address, city, postal code) I would be able to add another admin user, who would be able to manage everything.

### **RF 05.04 Modify specialist/admin**

As an Admin, I want to modify Specialists or admin data (collegiate number, register date, role, password, name, surname, email, birthdate, id-card, phone, address, city, postal code, activate), so that I can change their data to be up to date.

### **RF 05.05 List All specialist/admins**

As an Admin, I want to list all Specialists/admin, so that I can display all their information in a table. Specialists/admin fields (id, role, name and surname, collegiate number, dni, email, phone, register date, status, modify, change status).

### **RF 05.06 Deactivate specialist/admin**

As an Admin role, I want to be able to deactivate specialist or administrator users from data source.

### **RF 05.07 Search specialists/admin**

As a r role, I want to search a specialists/admin by name, surname or dni.

- [Functional and non functional requirements](#)
- NFR 01 Technologies To Develop Web Application

Technologies	Description	Version
--------------	-------------	---------

	TypeScript is a strongly typed programming language that builds on JavaScript, giving you better tooling at any scale.	4.3.4
	Angular is a platform for building mobile and desktop web applications.	13.3.6
	Npm is a package manager for the JavaScript programming language	8.5.5
	jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling.	3.5.14
	Material Design components for Angular	13.3.7
	Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development	5.1.3
	Bootstrap Icons. Free, high quality, open source icon library with over 1,600 icons	
	<p>PHP is a popular general-purpose scripting language that is especially suited to web development.</p> <p>Fast, flexible and pragmatic, PHP powers everything from your blog to the most popular websites in the world.</p>	8.1.6
	Laravel is a PHP web application framework with expressive, elegant syntax.	9.11.0

		
	A Dependency Manager for PHP	2.3.5
	MariaDB Server is one of the most popular open source relational databases.	10.4.24
	phpMyAdmin is a free software tool written in PHP, intended to handle the administration of MySQL over the Web.	5.2.0
	Visual Studio Code is a code editor redefined and optimized for building and debugging modern web and cloud applications.	1.67.1
	Scrum is a lightweight framework that helps people, teams and organizations generate value through adaptive solutions for complex problems.	
	Jira is a proprietary issue tracking product developed by Atlassian that allows bug tracking and agile project management.	
	Confluence is a web-based corporate wiki (collaboration software) developed by Australian software company Atlassian	
	Git is a free and open source distributed version control system designed to handle everything from small to very large projects with speed and efficiency.	2.36.1
	GitHub, Inc. is a provider of Internet hosting for software development and version control using Git	

<b>GitHub</b>		
	Windows 11 is the latest major release of Microsoft's Windows NT operating system.	21H2 (10.0.22000.708)
	Ubuntu is the modern, open source operating system on Linux for the enterprise server, desktop, cloud, and IoT.	22.04 LTS

- Functional and non functional requirements

- NFR 02 On Coding

For the development of the project when creating methods it is convenient for the other members of the team to be able to understand the programmed lines of code by commenting on the code.

An example of commented methods for your understanding:

```
#if defined HAVE_CONFIG_H
#include "libsecp256k1-config.h"
#endif

/* A non-cryptographic RNG used only for test infrastructure. */

/** Seed the pseudorandom number generator for testing. */
SECP256K1_INLINE static void secp256k1_rand_seed(const unsigned char
*seed16);

/** Generate a pseudorandom number in the range [0..2**32-1]. */
static uint32_t secp256k1_rand32(void);

/** Generate a pseudorandom 32-byte array with long sequences of zero
and one bits. */
static void secp256k1_rand256_test(unsigned char *b32);

/** Generate pseudorandom bytes with long sequences of zero and one
bits. */
static void secp256k1_rand_bytes_test(unsigned char *bytes, size_t len);

#endif
```

- Functional and non functional requirements

- NFR 03 Intranet Responsive

The website must implement responsiveness, for desktop, table and mobile devices.

Example:



RESPONSIVE  
WEB DESIGN



#### - NFR 04 Security

The website has to be able to prevent leaks, bugs or attacks like injection SQL or CSRF.

#### - NFR 05 Compatibility

The website must be compatible with different browsers, like MS Edge, Google Chrome, Firefox and Safari.

#### - NRF 06 Encrypted Password

The password of users must be encrypted by algorithm sha256, this action increases the security of users in database.

#### - Mockups

The sidebar contains the following navigation items:

- Home
- Pacientes
- Visitas
- Tratamientos
  - Añadir tratamiento (highlighted with a red border)
  - Listar Tratamientos
- Facturas
- Plantilla
- Administradores

[Añadir Tratamiento](#)

### Añadir tratamiento

Nombre  
ESTUDIO BIOMECANICO

Descripción  
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut vel vulputate magna. Quisque dolor arcu, molestie et erat et, fringilla iaculis turpis. Nulla vestibulum interdum est, nec consequat enim dapibus eu. Duis sit amet mattis orci. Mauris congue velit at gravida eleifend.

Precio  
30 €

[Añadir](#)

Antecedentes personales

The sidebar contains the following navigation items:

- Home
- Pacientes
- Visitas
- Tratamientos
  - Añadir tratamiento (highlighted with a red border)
  - Listar Tratamientos
- Facturas
- Plantilla
- Administradores

[Añadir Visita](#)

### Añadir visita

Nombre: Rosaline Apellidos: J. Clark DNI: 12345678

Nº del historial clínico: RosalineClark@gstr.com Fecha de la visita: 14/05/2022

Descripción de la visita  
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut vel vulputate magna. Quisque dolor arcu, molestie et erat et, fringilla iaculis turpis. Nulla vestibulum interdum est.

Tratamientos  
 Curas  
 Protesis Mediana  
 Estudio Biomecánico  
 Reducción Ungueal

Documento adjunto  
Elegir archivo: No se ha seleccionado ningún archivo

Facturación  
 Generar  Facturar

[Registrar Visita](#)

**Lista de visitas**

ID	Paciente	Fecha de la visita	Precio	Descripción de la visita
1	Darrell Steward	23/05/2022	11,99€	CURAS - JORDI
2	Darrell Steward	23/05/2022	11,99€	PROTESIS GRANDE - JORDI
3	Darrell Steward	23/05/2022	26,99€	CURAS - JORDI
4	AM	23/05/2022	31,99€	CURAS - JORDI
5	Darrell Steward	23/05/2022	29,99€	CURAS - JORDI
6	Darrell Steward	23/05/2022	39,99€	CURAS - JORDI
7	Darrell Steward	23/05/2022	49,99€	CURAS - JORDI
8	RR	23/05/2022	9,99€	CURAS - JORDI
9	Darrell Steward	23/05/2022	49,99€	PROTESIS GRANDE - JORDI
10	Darrell Steward	23/05/2022	9,99€	PROTESIS GRANDE - JORDI

Mostrando entradas 1 a 10 de 56

1 2 ... 9 10 >

The sidebar contains the following navigation items:

- Home
- Pacientes
- Visitas

[Añadir Tratamiento](#)

[Listar Tratamientos](#)

**Lista de tratamientos**

No se han encontrado resultados

[Añadir](#)

NBSalut

Tratamientos

- Añadir tratamiento
- Listar Tratamientos

Facturas

Plantilla

Administradores

Identificador	Nombre	Precio	Descripción		
1	QUIROPOLOGIA	50 €	Tratamiento 1		
2	CURAS	50 €	Tratamiento 2		
3	TRAT.		Eliminar tratamiento	x	
4	REED		¿Desea eliminar el tratamiento seleccionado?		
5	PROT				
6	PROTESIS MEDIANA	150 €	Tratamiento 6		
7	PROTESIS GRANDE	200€	Tratamiento 7		
8	SILMA	100€	Tratamiento 8		
9	VENDAJE NEUROMUSCULAR	20€	Tratamiento 9		
10	CIRUGIA DE LA UÑA	200€	Tratamiento 10		

Mostrando entradas 1 a 10 de 32

1 2 ... 9 10 >

NBSalut

CENTRE MÈDIC Nou Barris

Home

Pacientes

Visitas

Tratamientos

- Añadir tratamiento
- Listar Tratamientos

Facturas

Plantilla

Administradores

Especialistas 577

Pacientes 2334

Facturas 678

Perfil

Cerrar sesión 34

### Nuevos pacientes

Paciente	Email	Teléfono	Diabetico
Darrell Steward Description	nevaeh.simmons@example.com	(684) 555-0102	Si
Jacob Jones Description	dolores.chambers@example.com	(505) 555-0125	Si
Kristin Watson Description	michael.mtc@example.com	(603) 555-0123	No
Arlene McCoy Description	deanna.curtis@example.com	(201) 555-0124	Si
Dianne Russell Description	tanya.hill@example.com	(704) 555-0127	No

### Especialistas

Especialistas	Activo
Darrell Steward Description	Si
Jacob Jones Description	No
Kristin Watson Description	Si
Arlene McCoy Description	No
Dianne Russell Description	Si

### Últimas visitas

Fecha	Especialista	Paciente	Tratamiento	Precio
23/12/2020	Darrell Steward Description	Darrell Steward Description	CURAS	23.99
23/12/2020	Jacob Jones Description	Jacob Jones Description	SILMA	33.99
23/12/2020	Kristin Watson Description	Kristin Watson Description	CURAS	12.99
22/12/2020	Arlene McCoy Description	Arlene McCoy Description	OTRAS PRUEVAS	23.99
21/12/2020	Dianne Russell Description	Dianne Russell Description	SILMA	33.99

NBSalut

CENTRE MÈDIC Nou Barris

Home

Pacientes

Visitas

Tratamientos

- Añadir tratamiento
- Listar Tratamientos

Pacientes \ Listar Paciente

### Lista de pacientes

5	10	15	20	25	30	35	40	45	50	Q. Buscar paciente...	+ Añadir
Identificador	Paciente	DNI	Email	Telefono	Diabetico						
10	Darrell Steward Description	15511361T	nevaeh.simmons@example.com	(684) 555-0102	Si						
20	Jacob Jones Description	Y9767363J	dolores.chambers@example.com	(505) 555-0125	Si						

**NBSalut**  
CENTRE MÈDIC Nou Barris

Facturas

Plantilla

Administradores

Mostrando entradas 1 a 10 de 56

		Kristin Watson Description	Eliminar paciente			
3		Arlene McCoy Description	¿Desea eliminar el paciente seleccionado?		(603) 555-0123	No
4		Dianne Russell Description			(201) 555-0124	Si
5		Cameron Williamson Description	Cancelar	Eliminar	(704) 555-0127	No
6		Guy Hawkins Description	G40833527	felicia.reid@example.com	(217) 555-0113	Si
7		Ronald Richards Description	Z3880261M	kenzi.lawson@example.com	(405) 555-0128	No
8		Leslie Alexander Description	J31037138	tim.jennings@example.com	(808) 555-0111	No
9		Kathryn Murphy Description	45327414A	michelle.rivera@example.com	(252) 555-0126	No
10					(308) 555-0121	No

Mostrando entradas 1 a 10 de 56

**NBSalut**  
CENTRE MÈDIC Nou Barris

Home

Pacientes

Visitas

Tratamientos

- Añadir tratamiento
- Listar Tratamientos

Facturas

Plantilla

Administradores

Mostrando entradas 1 a 10 de 56

		Paciente	Fecha de la visita	Descripción de la visita	Recomendaciones		
5		Darrell Steward Description	23/05/2022	CURAS - JORDI	Tomar medicamento x		
10		Jacob Jones Description	23/05/2022	PROTESIS GRANDE - JORDI	Tomar medicamento x		
15		Kristin Watson Description	23/05/2022	CURAS - JORDI	Tomar medicamento x		
20		Arlene McCoy Description	23/05/2022	Eliminar visita			
30		Dianne Russell Description	23/05/2022	¿Desea eliminar la visita seleccionada?			
40		Cameron Williamson Description	23/05/2022	Cancelar	Eliminar		
50		Guy Hawkins Description	23/05/2022	CURAS - JORDI	Tomar medicamento x		
3		Ronald Richards Description	23/05/2022	CURAS - JORDI	Tomar medicamento x		
4		Leslie Alexander Description	23/05/2022	PROTESIS GRANDE - JORDI	Tomar medicamento x		
5		Kathryn Murphy Description	23/05/2022	PROTESIS GRANDE - JORDI	Tomar medicamento x		
6							
7							
8							
9							
10							

Mostrando entradas 1 a 10 de 56

Bienvenido a NBSalut

# Inicio Sesión

Email

ejemplo@gmail.com

Contraseña

Contraseña



Remember me      [Olvidaste contraseña?](#)

[Iniciar Sesión](#)

Registro intranet [Acceder](#)

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### NB Salut

CENTRE MÈDIC Nou Barris

[Home](#) [Pacientes](#) [Visitas](#) [Tratamientos](#) [Facturas](#) [Plantilla](#) [Administradores](#)

[Añadir tratamiento](#) [Listar Tratamientos](#)

**Total de facturas trimestrales**

Mostrar	10	Fecha final	Exportar Excel			
May 2022		< >				
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4

Dirección	DNI	Tratamiento	Precio
719 Jade Prairie Claudinehaven, AR 59560	15511361T	QUIROPODOLIA	11,99
416 Palma Springs Ceceliaton, VT 22650-4812	Y9767363J	CURAS	11,99
73669 Mario Lane Port Rafaelmouth, OK 36211	C10453470	TRATAMIENTO VERRUGAS	26,99
438 Hulda Shoals Apt. 185	35256856H	REEDUCACIÓN UNGUEAL	31,99
865 Aufderhar Ville Apt. 897	X4697335E	PROTESIS PEQUEÑAS	29,99
454 Tremblay Walk New Makayla, CO 76079-9175	G40833527	PROTESIS MEDIANA	39,99
773 Briana Overpass Port Treverbury, AK 77668-1008	16362096B	PROTESIS GRANDE	49,99
692 Micheal Islands Apt. 190 West Kristina, NY 37019	Z3880261M	SILMA	9,99
8298 Thiel Harbor West Keithmouth, UT 86973-2921	J31037138	VENDAJE NEUROMUSCULAR	49,99
3849 Kris Common Suite 365 Jacemouth, VT 71306-0336	45327414A	CIRUGÍA DE LA UÑA	9,99

Mostrando entradas 1 a 10 de 56

### NB Salut

CENTRE MÈDIC Nou Barris

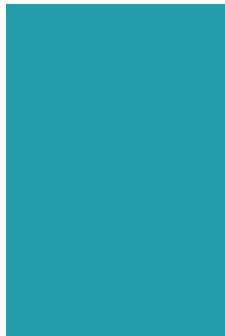
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[Añadir tratamiento](#) [Listar Tratamientos](#)

**Lista de administradores**

ID	Especialista	Activo	<a href="#">+</a>	<a href="#">-</a>
1	Darrell Steward Description	Si	<a href="#">Edit</a>	<a href="#">Delete</a>
2	Jacob Jones Description	Si	<a href="#">Edit</a>	<a href="#">Delete</a>
3	Kristin Watson Description	Si	<a href="#">Edit</a>	<a href="#">Delete</a>
4	Arlene McCoy Description	Si	<a href="#">Edit</a>	<a href="#">Delete</a>

Mostrando entradas 1 a 10 de 56



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Home  
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Lista de tratamientos

	Identificador	Nombre	Precio	Descripción		
5	1	QUIROPODOLOGIA	50 €	Tratamiento 1		
10	2	CURAS	50 €	Tratamiento 2		
15	3	TRATAMIENTO VERRUGAS	60 €	Tratamiento 3		
20	4	REEDUCACIÓN UNGUEAL	20 €	Tratamiento 4		
	5	PROTESIS PEQUEÑAS	100 €	Tratamiento 5		
	6	PROTESIS MEDIANA	150 €	Tratamiento 6		
	7	PROTESIS GRANDE	200€	Tratamiento 7		
	8	SILMA	100€	Tratamiento 8		
	9	VENDAJE NEUROMUSCULAR	20€	Tratamiento 9		
	10	CIRUGÍA DE LA UÑA	200€	Tratamiento 10		

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Lista de visitas

	Paciente	Fecha de la visita	Precio	Descripción de la visita	Recomendaciones		
5	Darrell Steward Description	23/05/2022	11.99€	CURAS - JORDI	Tomar medicamento x		
10	Jacob Jones Description	23/05/2022	11.99€	PROTESIS GRANDE - JORDI	Tomar medicamento x		
15	Kristin Watson Description	23/05/2022	26.99€	CURAS - JORDI	Tomar medicamento x		
20	Arlene McCoy Description	23/05/2022	31.99€	CURAS - JORDI	Tomar medicamento x		
30	Dianne Russell Description	23/05/2022	29.99€	CURAS - JORDI	Tomar medicamento x		
40	Cameron Williamson Description	23/05/2022	39.99€	CURAS - JORDI	Tomar medicamento x		
50	Guy Hawkins Description	23/05/2022	49.99€	CURAS - JORDI	Tomar medicamento x		
3	Ronald Richards Description	23/05/2022	9.99€	CURAS - JORDI	Tomar medicamento x		
4	Leslie Alexander Description	23/05/2022	49.99€	PROTESIS GRANDE - JORDI	Tomar medicamento x		
5							
6							
7							
8							
9							

10 Kathryn Murphy Description 23/05/2022 9,99€ PROTESIS GRANDE - JORDI Tomar medicamento x

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**Lista de tratamientos**

	Identificador	Nombre	Precio	Descripción		
5	1	QUIROPODOLOGIA	50 €	Tratamiento 1		
10	2	CURAS	50 €	Tratamiento 2		
15	3	TRATAMIENTO VERRUGAS	60 €	Tratamiento 3		
20	4	REEDUCACIÓN UNGUEAL	20 €	Tratamiento 4		
	5	PROTESIS PEQUEÑAS	100 €	Tratamiento 5		
	6	PROTESIS MEDIANA	150 €	Tratamiento 6		
	7	PROTESIS GRANDE	200€	Tratamiento 7		
	8	SILMA	100€	Tratamiento 8		
	9	VENDAJE NEUROMUSCULAR	20€	Tratamiento 9		
	10	CIRUGÍA DE LA UÑA	200€	Tratamiento 10		

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**Lista de tratamientos**

	Identificador	Nombre	Precio	Descripción		
5	1	QUIROPODOLOGIA	50 €	Tratamiento 1		
10	2	CURAS	50 €	Tratamiento 2		
15	3	TRAT.		Eliminar tratamiento		
20	4	REED		¿Desea eliminar el tratamiento seleccionado?		
	5	PROT		<input type="button" value="Cancelar"/> <input type="button" value="Eliminar"/>		
	6	PROTESIS MEDIANA	150 €	Tratamiento 6		
	7	PROTESIS GRANDE	200€	Tratamiento 7		
	8	SILMA	100€	Tratamiento 8		
	9	VENDAJE NEUROMUSCULAR	20€	Tratamiento 9		
	10	CIRUGÍA DE LA UÑA	200€	Tratamiento 10		

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**Lista de plantilla**

ID	Especialista	DNI	Email	Teléfono	Activo		
1	Darrell Steward Description	15511361T	nevaeh.simmons@example.com	(684) 555-0102	Si		
2	Jacob Jones Description	Y9767363J	dolores.chambers@example.com	(505) 555-0125	Si		
3	Kristin Watson Description	C10453470	michael.mitic@example.com	(603) 555-0123	No		
4	Arlene McCoy Description	35256856H	deanna.curts@example.com	(201) 555-0124	Si		
5	Dianne Russell Description	X4697335E	tanya.hill@example.com	(704) 555-0127	No		
6	Cameron Williamson Description	G40833527	felicia.reid@example.com	(217) 555-0113	Si		
7	Guy Hawkins Description	16362096B	jessica.hanson@example.com	(405) 555-0128	No		
8	Ronald Richards Description	Z3880261M	kenzi.lawson@example.com	(808) 555-0111	No		
9	Leslie Alexander Description	J31037138	tim.jennings@example.com	(252) 555-0126	No		
10	Kathryn Murphy Description	45327414A	michelle.rivera@example.com	(308) 555-0121	No		

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**Editar paciente**

Nº historial clínico	Fecha de registro
1	09/05/1982 <input type="button" value="Calendar"/>
Nombre	Apellidos
Rosaline	J. Clark
Email	DNI
Rosaline.Clark@gustr.com	12345678Z
Fecha de nacimiento	Teléfono
09/05/1982 <input type="button" value="Calendar"/>	657 711 972
Código del centro	CIP
94050254	NMRG847328432
Ciudad	Dirección
Colomera	Inglatera, 25
Código Postal	Antecedentes personales
07302	<p>Lore ipsum dolor sit amet, consectetur adipiscing elit. Ut vel vulputate magna. Quisque dolor arcu, molestie et erat et, fringilla iaculis turpis. Nulla vestibulum interdum est, nec consequat enim dapibus eu. Duis sit amet mattis orci. Mauris congue velit at gravida eleifend.</p>
<input checked="" type="checkbox"/> Diabético	<input type="button" value="Actualizar"/>

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Nombre
ESTUDIO BIOMECANICO

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**Descripción**

Quisque dolor arcu, molestie et erat et, fringilla iaculis turpis. Nulla vestibulum interdum est, nec consequat enim dapibus eu. Duis sit amet mattis orci. Mauris congue velit at gravida eleifend.

**Precio**

60 €

**Actualizar**

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**Lista de visitas**

	Paciente		
10	Darrell Steward Description		
15	Jacob Jones Description		
20	Kristin Watson Description		
30	Arlene McCoy Description		
40	Dianne Russell Description		
50	Cameron William Description		
3	Guy Hawkins Description		
4	Ronald Richards Description		
5	Leslie Alexander Description		
6	Kathryn Murphy Description		
7			
8			
9			
10			

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**Editar visita**

Nombre	Apellidos	DNI
Rosaline	J. Clark	12345678Z
Nº del historial clínico		Fecha de la visita
RosalineClark@gustr.com		14/05/2022
Tratamientos		
<input checked="" type="checkbox"/> Curas <input type="checkbox"/> Protesis Mediana <input type="checkbox"/> Estudio Biomecánico <input type="checkbox"/> Reeducación Ungueal		
Descripción de la visita		
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut vel vulputate magna. Quisque dolor arcu, molestie et erat et, fringilla iaculis turpis. Nulla vestibulum interdum est, nec consequat enim dapibus eu. Duis sit amet mattis orci. Mauris congue velit at gravida eleifend.		
Documento adjunto		Facturación
Elegir archivo	No se ha seleccionado ningún archivo	<b>Generar</b> <input checked="" type="checkbox"/> Facturar

**Actualizar Visita**

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**Lista de facturas**

N factura	Fecha	Paciente	Direccion	DNI	Tratamiento	Precio	Envia
1	23/01/2022	Darrell Steward Description	719 Jade Prairie Claudinehaven, AR 59560	15511361T	QUIROPOLOGIA	11,99	Si
2	24/01/2022	Jacob Jones Description	416 Palma Springs Cecelation, VT 22650-4812	Y976736J	CURAS	11,99	Si
3	25/01/2022	Kristin Watson Description	73669 Mario Lane Port Rafaelmouth, OK 36211	C10453470	TRATAMIENTO VERRUGAS	26,99	Si

**Administradores**

4	25/01/2022	AM Arlene McCoy Description	438 Hulda Shoals Apt. 185	35256856H	REEDUCACIÓN UNGUEAL	31,99	Si
5	25/01/2022	Dianne Russell Description	865 Aufderhar Ville Apt. 897	X4697335E	PROTESIS PEQUEÑAS	29,99	Si
6	25/01/2022	Cameron Williamson Description	454 Tremblay Walk New Makaya, CO 76079-9175	G40833527	PROTESIS MEDIANA	39,99	Si
7	25/01/2022	Guy Hawkins Description	773 Briana Overpass Port Treverbury, AK 77668-1008	16362096B	PROTESIS GRANDE	49,99	Si
8	25/01/2022	RR Ronald Richards Description	692 Micheal Islands Apt. 190 West Kristina, NY 37019	Z3880261M	SILMA	9,99	Si
9	25/01/2022	Leslie Alexander Description	8298 Thiel Harbor West Keithmouth, UT 86973-2921	J31037138	VENDAIE NEUROMUSCULAR	49,99	No
10	25/01/2022	Kathryn Murphy Description	3849 Kris Common Suite 365 Jacemouth, VT 71306-0336	45327414A	CIRUGÍA DE LA UÑA	9,99	No

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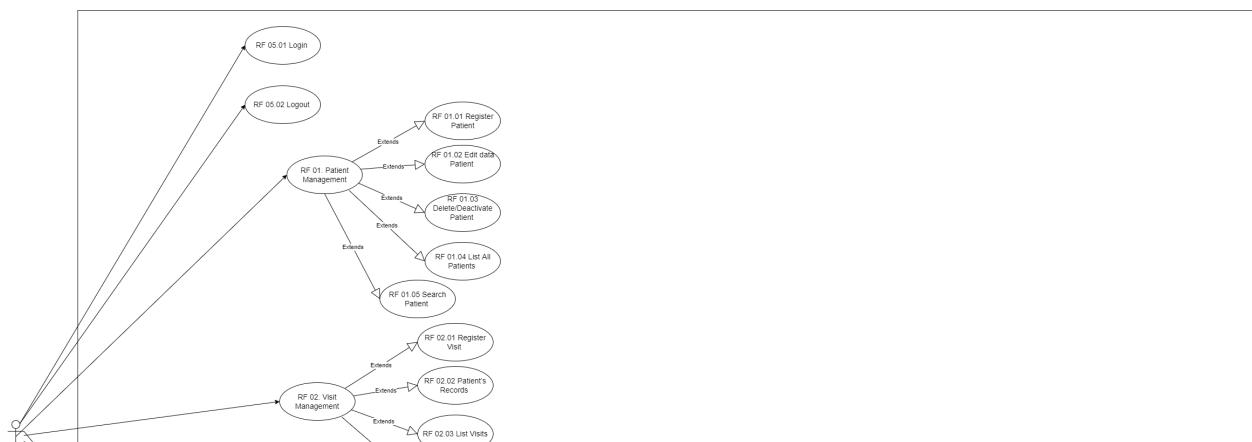
Lista de pacientes							
5	10	Buscar paciente...					+ Añadir
Apellido clínico	Paciente	DNI	Email	Teléfono	Diabetico		
30	Darrell Steward Description	15511361T	nevaeh.simmons@example.com	(684) 555-0102	Si		
40	Jacob Jones Description	Y9767363J	dolores.chambers@example.com	(505) 555-0125	Si		
3	Kristin Watson Description	C10453470	michael.mitic@example.com	(603) 555-0123	No		
4	AM Arlene McCoy Description	35256856H	deanna.curtis@example.com	(201) 555-0124	Si		
5	Dianne Russell Description	X4697335E	tanya.hill@example.com	(704) 555-0127	No		
6	Cameron Williamson Description	G40833527	felicia.reid@example.com	(217) 555-0113	Si		
7	Guy Hawkins Description	16362096B	jessica.hanson@example.com	(405) 555-0128	No		
8	RR Ronald Richards Description	Z3880261M	kenzi.lawson@example.com	(808) 555-0111	No		
9	Leslie Alexander Description	J31037138	tim.jennings@example.com	(252) 555-0126	No		
10	Kathryn Murphy Description	45327414A	michelle.rivera@example.com	(308) 555-0121	No		

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## Use Case diagram & Textual Description

### Case Diagram





#### Textual Description

### Patient Management

<b>Code</b>	<b>RF 01.01</b>	
<b>Name</b>	Register Patient	
<b>Actors</b>	Specialist/Admin	
<b>Description</b>	User with grants specialist adds a new patient into intranet.	
<b>Definition of scenario</b>		
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>• Role specialist/Admin</li> </ul>	
<b>Basic flow</b>	<ol style="list-style-type: none"> <li>1. The specialist will attend to patient and asks the data (name, surname, address, phone, id-card,e-mail, previous pathologies, diabetic, CIP number, center code and clinical log number, register date, birthday) to register visit.</li> <li>2. The specialist press button "create patient".</li> <li>3. An Alert will display to inform user that patient is registered.</li> </ol>	
<b>Post-conditions</b>		
<b>Alternative flow</b>	<ol style="list-style-type: none"> <li>1. It's possible that a patient decides to cancel register patient, so in this case the specialist will turn back to cancel it.</li> </ol>	
<b>Definition of exceptions</b>		
<b>Exception</b>	The exception occurs if...	Intranet...
<b>Ex 1</b>	There are empty fields.	Displays a message to inform to specialist that there are empty fields.
<b>Ex 2</b>	The fields introduced are wrong.	Display a message to inform to specialist that there are fields with wrong values.

<b>Código</b>	<b>RF 01.02</b>
<b>Nombre</b>	Edit data Patient

<b>Actor principal</b>	Specialist/Admin
<b>Descripción</b>	User with grants specialist updates the data their patients.
<b>Definición del escenario principal</b>	
<b>Pre-condiciones</b>	<ul style="list-style-type: none"> <li>• Role specialist/Admin</li> </ul>
<b>Flujo básico</b>	<ol style="list-style-type: none"> <li>1. Previously the specialist selects a patient to edit their data.</li> <li>2. It displays a form with all fields from patient (name, surname, address, phone, id-card,e-mail, previous pathologies, diabetic, CIP number, center code and clinical log number, register date, birthday, active)</li> <li>3. The specialist updates the current data with the new ones.</li> <li>4. To confirm the changes will press button “save”.</li> <li>5. Once updated it displays a message of success on updating.</li> </ol>
<b>Post-condiciones</b>	
<b>Flujo alternativo</b>	<ol style="list-style-type: none"> <li>1. It's possible that specialist decides to cancel the updating, so in this case the specialist will turn back to cancel it.</li> </ol>
<b>Definición de las excepciones</b>	
<b>Excepción</b>	The exception occurs if... Intranet...
<b>Ex 1</b>	There are empty fields. Displays a message to inform to specialist that there are empty fields.
<b>Ex 2</b>	The fields introduced are wrong, invalid fields. Display a message to inform to specialist that there are fields with wrong values.
<b>Código</b>	<b>RF 01.03</b>
<b>Nombre</b>	Delete/Deactivate Patient
<b>Actor principal</b>	Specialist/Admin
<b>Descripción</b>	User with grants specialist deletes patients.
<b>Definición del escenario principal</b>	
<b>Pre-condiciones</b>	<ul style="list-style-type: none"> <li>• Role specialist/Admin</li> </ul>
<b>Flujo básico</b>	<ol style="list-style-type: none"> <li>1. Previously the specialist selects a patient to delete the patient.</li> <li>2. To delete patient previously must be inactive to be deleted.</li> <li>3. It displays a modal waiting confirmation by specialist.</li> <li>4. When the specialist press the button “Delete” the patient will be deleted from database.</li> <li>5. Once delete it, will inform to specialist the success of elimination.</li> </ol>
<b>Post-condiciones</b>	
<b>Flujo alternativo</b>	<ol style="list-style-type: none"> <li>1. It's possible that specialist decides to cancel the updating, so in this case the specialist will press button “Cancel visit” to cancel it.</li> </ol>
<b>Definición de las excepciones</b>	
<b>Excepción</b>	The exception occurs if... Intranet...
<b>Ex 1</b>	
<b>Código</b>	<b>RF 01.04</b>
<b>Nombre</b>	List All Patients
<b>Actor principal</b>	Specialist/Admin
<b>Descripción</b>	User with grants specialist list all patients registered from system.
<b>Definición del escenario principal</b>	
<b>Pre-condiciones</b>	<ul style="list-style-type: none"> <li>• Role specialist/Admin</li> </ul>
<b>Flujo básico</b>	

	<p>1. It displays a table with data about patients (clinical log number, name, surname, telephone, id-card,e-mail, status(active/deactivated), modify, delete).</p> <p>2. The specialist see all infomation about patients to be up to date.</p>	
<b>Post-condiciones</b>		
<b>Flujo alternativo</b>	1. Each field that belongs to a patient will have two buttons, that are actions which specialist can press, edit and delete.	
<b>Definición de las excepciones</b>		
<b>Excepción</b>	La excepción ocurre si ...	El sitio...
<b>Ex 1</b>	There aren't fields to display due error with database.	It displays a error message.

<b>Code</b>	RF 01.05	
<b>Name</b>	Search Patient	
<b>Actors</b>	Specialist/Admin	
<b>Description</b>	Search patients by name o surname.	
<b>Definition of scenario</b>		
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>• On List All Patients</li> <li>• Role specialist/Admin</li> </ul>	
<b>Basic flow</b>	<p>1. The user introduce values on input to search.</p> <p>2. On list all patients the user will be able to search to filter the table of patients.</p>	
<b>Post-conditions</b>		
<b>Alternative flow</b>		
<b>Definition of exceptions</b>		
<b>Exception</b>	The exception occurs if...	Intranet...
<b>Ex 1</b>	The input DNI is incorrect.	Displays a message to inform to specialist that input DNI is wrong.

## Visit Management

<b>Code</b>	RF 02.01	
<b>Name</b>	Register Visit	
<b>Actors</b>	Specialist/Admin	
<b>Description</b>	Specialist regists a new visit from patient.	
<b>Definition of scenario</b>		
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>• Role specialist/Admin</li> </ul>	
<b>Basic flow</b>	<p>1. Once patient data is filled( visit date, visit description, clinical log number, id-card, name, surname, files to attach), then specialist process to fill problem to be solved and recommendations for patient, but date and hour visit will be added automatically.</p> <p>2. On adding the visit, the record will belong to record patient.</p>	
<b>Post-conditions</b>		
<b>Alternative flow</b>		
<b>Definition of exceptions</b>		
<b>Exception</b>	The exception occurs if...	Intranet...
<b>Ex 1</b>		

<b>Code</b>	<b>RF 02.02</b>
<b>Name</b>	Patient's Records
<b>Actors</b>	Specialist/Admin
<b>Description</b>	User with grants specialist list all record from a patient.

#### Definition of scenario

<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>Role specialist/Admin</li> </ul>
<b>Basic flow</b>	<ol style="list-style-type: none"> <li>It displays a table with all visits registered from a patient (date, hour visit, problem to be solved, recommendations).</li> <li>Once displayed the specialists can check all the records to be up to date, can order by date ascending or descending.</li> </ol>
<b>Post-conditions</b>	
<b>Alternative flow</b>	

#### Definition of exceptions

<b>Exception</b>	The exception occurs if...	Intranet...
<b>Ex 1</b>		

<b>Code</b>	<b>RF 02.03</b>
<b>Name</b>	List Visits
<b>Actors</b>	Specialist/Admin
<b>Description</b>	User with grants specialist manage all visits from patients.

#### Definition of scenario

<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>Role specialist/Admin</li> </ul>
<b>Basic flow</b>	<ol style="list-style-type: none"> <li>It displays a table with all visits registered from a patient (date, professional, date diabetic ,patient, social number, treatment remarks , option delete).</li> </ol>
<b>Post-conditions</b>	
<b>Alternative flow</b>	
<b>Definition of exceptions</b>	
<b>Exception</b>	The exception occurs if...
<b>Ex 1</b>	

<b>Code</b>	<b>RF 02.04</b>
<b>Name</b>	Search Visits
<b>Actors</b>	Specialist/Admin
<b>Description</b>	User with grants specialist manage all visits from patients.

#### Definition of scenario

<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>Role specialist/Admin</li> <li>On List Visits</li> </ul>
<b>Basic flow</b>	<ol style="list-style-type: none"> <li>It displays a table with all visits registered from a patient with additions to search by name, surname or filter by visit date.</li> </ol>
<b>Post-conditions</b>	
<b>Alternative flow</b>	
<b>Definition of exceptions</b>	

<b>Exception</b>	The exception occurs if...	Intranet...
<b>Ex 1</b>		

## Invoice Management

<b>Code</b>	<b>RF 03.01</b>	
<b>Name</b>	Generate Invoice	
<b>Actors</b>	Specialist/Admin	
<b>Description</b>	When a visit is registered generates a new invoice.	
<b>Definition of scenario</b>		
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>• Role specialist</li> <li>• Registering a visit</li> </ul>	
<b>Basic flow</b>	<ol style="list-style-type: none"> <li>1. On registering visit the treatment are selected. This treatment will appear in the invoice.</li> <li>2. The invoice will show information about patient, treatment and specialist, price each treatment and total.</li> <li>3. The invoice is storage in database to be send it.</li> </ol>	
<b>Post-conditions</b>		
<b>Alternative flow</b>		
<b>Definition of exceptions</b>		
<b>Exception</b>	The exception occurs if...	Intranet...
<b>Ex 1</b>		

<b>Code</b>	<b>RF 03.03</b>	
<b>Name</b>	Quarterly report	
<b>Actors</b>	Specialist/Admin	
<b>Description</b>	Mark all invoices to be send.	
<b>Definition of scenario</b>		
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>• Role Admin</li> <li>• Registering a visit</li> </ul>	
<b>Basic flow</b>	<ol style="list-style-type: none"> <li>1. On registering visit the specialist and invoices button is selected, generates a new invoices.</li> <li>2. On Quaternaly report displays a table with fields (invoice ,no. date ,patient's, name , address, dni ,treatment, price, invoice, receipt status)</li> <li>3. Once the specialist select the date range, and press button select confirm to mark, it display a modal waiting for confirmation.</li> <li>4. When it confirms it displays a message and a excel is generated and downloaded.</li> </ol>	
<b>Post-conditions</b>		
<b>Alternative flow</b>	<ol style="list-style-type: none"> <li>1. By default the selected is the one who attends to patient.</li> </ol>	
<b>Definition of exceptions</b>		
<b>Exception</b>	The exception occurs if...	Intranet...
<b>Ex 1</b>		

## Treatment Management

<b>Code</b>	<b>RF 04.01</b>	
<b>Name</b>	Chose Treatment in Visits	

<b>Actors</b>	Specialist/Admin	
<b>Description</b>	When a visit is registered specialist selects treatments for patient.	
<b>Definition of scenario</b>		
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>• Role Specialist/Admin</li> <li>• Registering a visit</li> </ul>	
<b>Basic flow</b>	<ol style="list-style-type: none"> <li>1. On registering visit the specialist choose the treatments according to patient.</li> <li>2. The invoice is generated with selected treatments.</li> <li>3. The invoice is storage in database to be send it.</li> </ol>	
<b>Post-conditions</b>		
<b>Alternative flow</b>		
<b>Definition of exceptions</b>		
<b>Exception</b>	The exception occurs if...	Intranet...
<b>Ex 1</b>		

<b>Code</b>	RF 04.02	
<b>Name</b>	Update Treatment	
<b>Actors</b>	Specialist/Admin	
<b>Description</b>	Specialist updates the date about a treatment.	
<b>Definition of scenario</b>		
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>• Role specialist</li> </ul>	
<b>Basic flow</b>	<ol style="list-style-type: none"> <li>1. Previously the specialist selects a treatment to edit their data.</li> <li>2. It displays a table with all fields from treatment (name treatment, description and price).</li> <li>3. The specialist updates the current data with the new ones.</li> <li>4. To confirm the changes will press button "save".</li> <li>5. Once updated it displays a message of success on updating.</li> </ol>	
<b>Post-conditions</b>		
<b>Alternative flow</b>	<ol style="list-style-type: none"> <li>1. It's possible that specialist decides to cancel the updating, so in this case the specialist will press button "Cancel" to cancel it.</li> </ol>	
<b>Definition of exceptions</b>		
<b>Exception</b>	The exception occurs if...	Intranet...
<b>Ex 1</b>	There are empty fields.	Displays a message to inform to specialist that there are empty fields.
<b>Ex 2</b>	The fields introduced are wrong.	Display a message to inform to specialist that there are fields with wrong values.

<b>Code</b>	RF 04.03
<b>Name</b>	DeactivateTreatment
<b>Actors</b>	Specialist/Admin
<b>Description</b>	Specialist deletes a treatment.
<b>Definition of scenario</b>	
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>• Role specialist</li> </ul>
<b>Basic flow</b>	<ol style="list-style-type: none"> <li>1. Previously the specialist selects a treatment to delete.</li> <li>2. It displays modal waiting confirmation for deleting.</li> <li>3. To confirm will press button "delete".</li> <li>4. Once is deleted displays a message of success on updating.</li> </ol>

<b>Post-conditions</b>		
<b>Alternative flow</b>	1. It's possible that specialist decides to cancel the updating, so in this case the specialist will press button "Cancel" to cancel it.	
<b>Definition of exceptions</b>		
<b>Exception</b>	The exception occurs if...	Intranet...
<b>Ex 1</b>		

<b>Code</b>	<b>RF 04.04</b>	
<b>Name</b>	List All Treatments	
<b>Actors</b>	Specialist/Admin	
<b>Description</b>	Specialist list all treatments.	
<b>Definition of scenario</b>		
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>Role specialist</li> </ul>	
<b>Basic flow</b>	<ol style="list-style-type: none"> <li>It displays a table with data about treatments (name treatment, description, price).</li> <li>The specialist see all information about treatments to be up to date.</li> </ol>	
<b>Post-conditions</b>		
<b>Alternative flow</b>	<ol style="list-style-type: none"> <li>Each field that belongs to a treatment will have two buttons, that are actions which specialist can press, edit and deactivate.</li> </ol>	
<b>Definition of exceptions</b>		
<b>Exception</b>	The exception occurs if...	Intranet...
<b>Ex 1</b>		

<b>Code</b>	<b>RF 04.05</b>	
<b>Name</b>	Create a new Treatment	
<b>Actors</b>	Specialist/Admin	
<b>Description</b>	Specialist add a new treatment.	
<b>Definition of scenario</b>		
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>Role specialist</li> </ul>	
<b>Basic flow</b>	<ol style="list-style-type: none"> <li>It displays a table with all fields from treatment (name treatment, description and price).</li> <li>The specialist press on "add" it displays a modal with a form with inputs to be filled (name treatment, description, price).</li> <li>To confirm the changes will press button "save".</li> <li>Once updated it displays a message of success on saving.</li> </ol>	
<b>Post-conditions</b>		
<b>Alternative flow</b>		
<b>Definition of exceptions</b>		
<b>Exception</b>	The exception occurs if...	Intranet...
<b>Ex 1</b>	There are empty fields.	Displays a message to inform to specialist that there are empty fields.
<b>Ex 2</b>	The fields introduced are wrong.	Display a message to inform to specialist that there are fields with wrong values.

<b>Code</b>	<b>RF 05.07</b>
<b>Name</b>	Search Treatments

<b>Actors</b>	Specialist/Admin	
<b>Description</b>	Search treatments by name.	
<b>Definition of scenario</b>		
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>On list all treatments.</li> </ul>	
<b>Basic flow</b>	<ul style="list-style-type: none"> <li>when the table is generated there is a input to search by name.</li> <li>User will be able to filter by name.</li> </ul>	
<b>Post-conditions</b>		
<b>Alternative flow</b>		
<b>Definition of exceptions</b>		
<b>Exception</b>	The exception occurs if...	Intranet...
<b>Ex 1</b>		

## User Management

<b>Code</b>	RF 05.01	
<b>Name</b>	Login	
<b>Actors</b>	Specialist Admin	
<b>Description</b>	Users with role specialist and admin access to intranet to do management.	
<b>Definition of scenario</b>		
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>No session</li> </ul>	
<b>Basic flow</b>	<ol style="list-style-type: none"> <li>Both users must introduce email and password to login.</li> <li>If the values are correct, session is created.</li> <li>Redirect to dashboard to do their operation.</li> <li>If I'm admin can manage all the tasks from patient management, visit management, invoice management, treatment management and user management and with role worker from patient management, visit management , treatment management and invoice management, .</li> </ol>	
<b>Post-conditions</b>		
<b>Alternative flow</b>		
<b>Definition of exceptions</b>		
<b>Exception</b>	The exception occurs if...	Intranet...
<b>Ex 1</b>	There are empty fields.	Displays a message to inform to specialist that there are empty fields.
<b>Ex 2</b>	The fields introduced are wrong.	Display a message to inform to specialist that there are fields with wrong values.

<b>Code</b>	RF 05.02	
<b>Name</b>	Logout	
<b>Actors</b>	Specialist Admin	
<b>Description</b>	Users with role specialist and admin logout from system.	
<b>Definition of scenario</b>		
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>Logged</li> </ul>	

<b>Basic flow</b>	1. Both users must press button logout to close session. 2. Redirect to login page when is closed.	
<b>Post-conditions</b>		
<b>Alternative flow</b>		
<b>Definition of exceptions</b>		
<b>Exception</b>	The exception occurs if...	Intranet...
<b>Ex 1</b>		

<b>Code</b>	<b>RF 05.03</b>	
<b>Name</b>	Register specialist/admin	
<b>Actors</b>	Admin	
<b>Description</b>	Users with role admin add a new specialist and admin to system.	
<b>Definition of scenario</b>		
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>User with role admin.</li> </ul>	
<b>Basic flow</b>	<ol style="list-style-type: none"> <li>Previously the admin press button “add”.</li> <li>It displays a modal with all fields to add a new specialist or admin (collegiate number, register date, role, password, name, surname, email, birthdate, id-card, phone, address, city, postal code).</li> <li>To confirm to storage will press button “save”.</li> <li>Once storaged it displays a message of success on saving.</li> </ol>	
<b>Post-conditions</b>		
<b>Alternative flow</b>	1. It's possible that specialist decides to cancel the updating, so in this case the specialist will press button “Cancel” to cancel it.	
<b>Definition of exceptions</b>		
<b>Exception</b>	The exception occurs if...	Intranet...
<b>Ex 1</b>	There are empty fields.	Displays a message to inform to specialist that there are empty fields.
<b>Ex 2</b>	The fields introduced are wrong.	Display a message to inform to specialist that there are fields with wrong values.

<b>Code</b>	<b>RF 05.04</b>	
<b>Name</b>	Modify specialist/admin	
<b>Actors</b>	Admin	
<b>Description</b>	Users with role admin updates users admin and specialits.	
<b>Definition of scenario</b>		
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>User with role admin.</li> </ul>	
<b>Basic flow</b>	<ol style="list-style-type: none"> <li>Previously the admin selects a patient to edit their data.</li> <li>It displays a form with all fields from patient (collegiate number, register date, role, password, name, surname, email, birthdate, id-card, phone, address, city, postal code, activate)</li> <li>The specialist updates the current data with the new ones.</li> <li>To confirm the changes will press button “save”.</li> <li>Once upated it displays a message of success on updating.</li> </ol>	
<b>Post-conditions</b>		
<b>Alternative flow</b>	1. It's possible that specialist decides to cancel the updating, so in this case the specialist will press button “Cancel” to cancel it.	
<b>Definition of exceptions</b>		

<b>Exception</b>	The exception occurs if...	Intranet...
<b>Ex 1</b>	There are empty fields.	Displays a message to inform to specialist that there are empty fields.
<b>Ex 2</b>	The fields introduced are wrong.	Display a message to inform to specialist that there are fields with wrong values.

<b>Code</b>	<b>RF 05.05</b>
<b>Name</b>	List All specialist/admins
<b>Actors</b>	Admin
<b>Description</b>	Users with role admin updates users admin and specialits.
<b>Definition of scenario</b>	
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>User with role admin.</li> </ul>
<b>Basic flow</b>	<ol style="list-style-type: none"> <li>It displays a table with data about admin and specialits (id, role, name and surname, collegiate number, dni, email, phone, register date, status, modify, change status).</li> <li>The specialist see all infomation about admin and specialits to be up to date.</li> </ol>
<b>Post-conditions</b>	
<b>Alternative flow</b>	<ol style="list-style-type: none"> <li>Each field that belongs to a patient will have two buttons, that are actions which specialist can press, edit and deactivate .</li> </ol>
<b>Definition of exceptions</b>	
<b>Exception</b>	The exception occurs if...
<b>Ex 1</b>	There are empty fields.
<b>Ex 2</b>	The fields introduced are wrong.

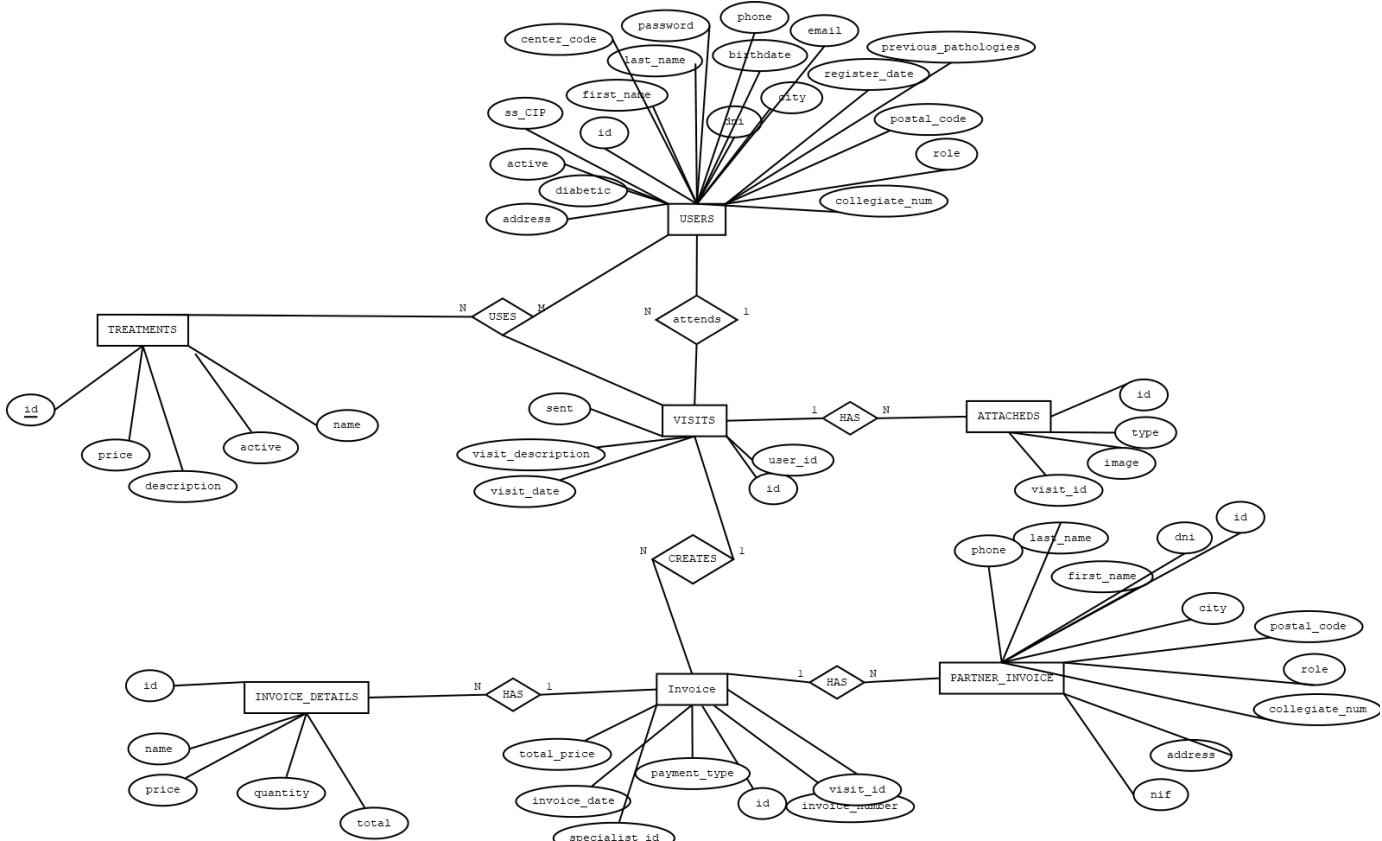
<b>Code</b>	<b>RF 05.06</b>
<b>Name</b>	Deactivate worker/admin
<b>Actors</b>	Admin
<b>Description</b>	Users with role admin Deactivate users admin and specialits.
<b>Definition of scenario</b>	
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>User with role admin.</li> </ul>
<b>Basic flow</b>	<ol style="list-style-type: none"> <li>Previously the admin selects a patient to deactivate a admin and specialits.</li> <li>It displays a modal waiting confirmation by admin.</li> <li>When the specialist press the button "deactivate " the user will be deactivate from database.</li> <li>Once delete it, will inform to specialist the success of deactivating.</li> </ol>
<b>Post-conditions</b>	
<b>Alternative flow</b>	<ol style="list-style-type: none"> <li>Each field that belongs to a patient will have two buttons, that are actions which specialist can press, edit and delete.</li> </ol>
<b>Definition of exceptions</b>	
<b>Exception</b>	The exception occurs if...
<b>Ex 1</b>	

<b>Code</b>	<b>RF 05.07</b>
<b>Name</b>	Search specialists/admin

<b>Actors</b>	Admin
<b>Description</b>	Searches specialists or admin on list all specialists/admin.
<b>Definition of scenario</b>	
<b>Pre-conditions</b>	<ul style="list-style-type: none"> <li>User with role admin.</li> </ul>
<b>Basic flow</b>	<ol style="list-style-type: none"> <li>Admin will introduce on input the name or work or admin to search.</li> <li>Will display the workers or admin that matches with name introduced.</li> </ol>
<b>Post-conditions</b>	
<b>Alternative flow</b>	
<b>Definition of exceptions</b>	
<b>Exception</b>	The exception occurs if...
<b>Ex 1</b>	Intranet...

## Data Base (Entity-relation diagram and relational model)

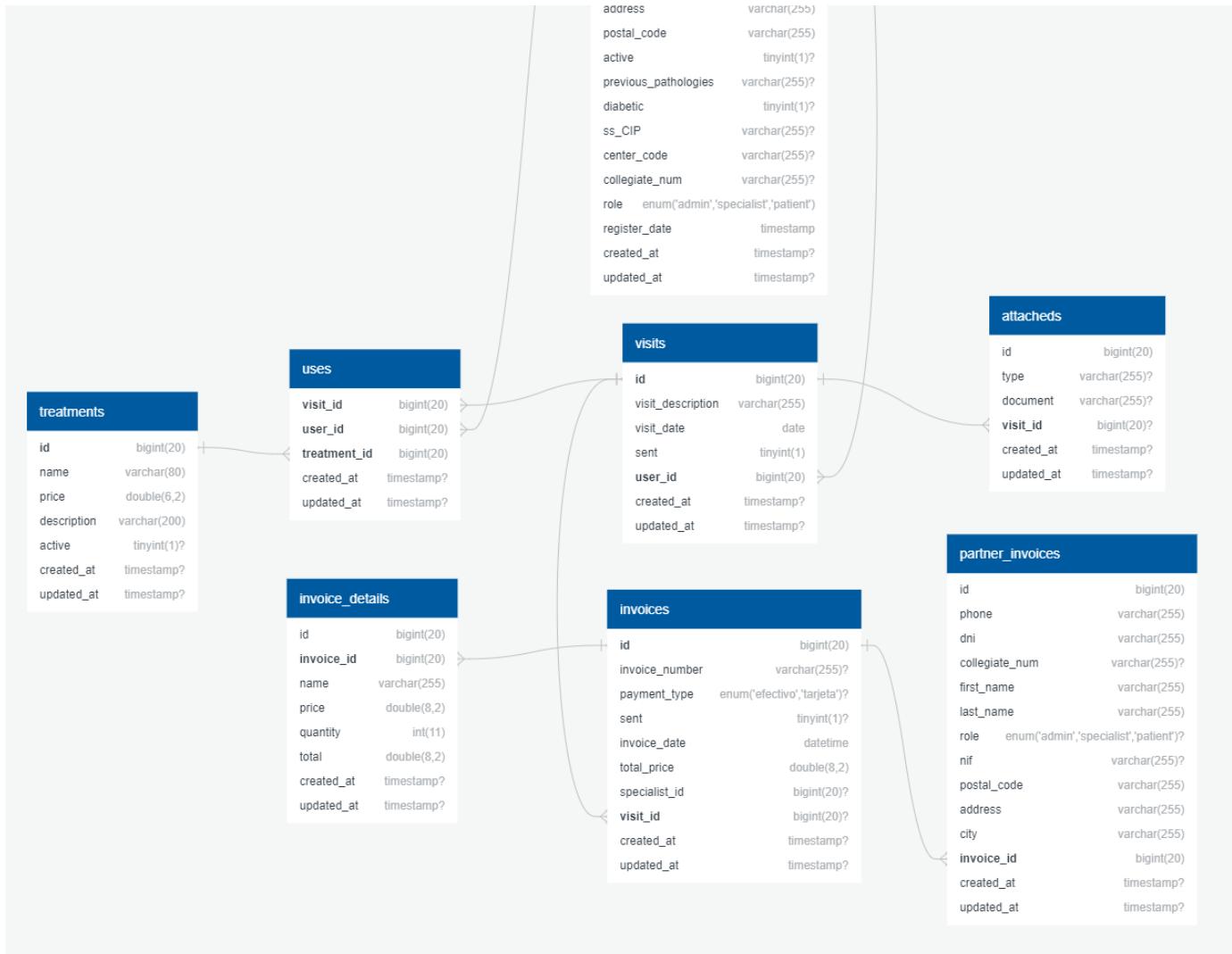
### E-R MODEL



### Relational MODEL

[www.quickdatabasediagrams.com](http://www.quickdatabasediagrams.com)

users	
id	bigint(20)
first_name	varchar(255)
last_name	varchar(255)
password	varchar(255)?
dni	varchar(255)
email	varchar(255)
phone	varchar(255)
birthdate	date
city	varchar(255)
...	.....



## Initial Data Cases



Tables\_and\_Inserts.ods

### Users TABLE

	A	B	C	D	E	F
1	USERS					
2	username(PK)	password	email	role		INSERTS
3	irene	irene0	'irene@gmail.com'	admin	'INSERT INTO users (username, password, email, role) VALUES ('irene','irene0','irene@gmail.com','admin')	
4	juan	juan0	'juan@gmail.com'	worker	'INSERT INTO users (username, password, email, role) VALUES ('juan','juan0','juan@gmail.com','worker')	
5	admin	admin0	'admin@gmail.com'	admin	'INSERT INTO users (username, password, email, role) VALUES ('admin','admin0','admin@gmail.com','admin')	
6	user1	user1	'user1@gmail.com'	worker	'INSERT INTO users (username, password, email, role) VALUES ('user1','user1','user1@gmail.com','worker')	

7	user2	user2	'user2@gmail.com'	worker	INSERT INTO users (username, password, email, role) VALUES ('user2','user2','user2@gmail.com','worker')
8	user3	user3	'user3@gmail.com'	worker	INSERT INTO users (username, password, email, role) VALUES ('user3','user3','user3@gmail.com','worker')
9	user4	user4	'user4@gmail.com'	worker	INSERT INTO users (username, password, email, role) VALUES ('user4','user4','user4@gmail.com','worker')
10	user5	user5	'user5@gmail.com'	worker	INSERT INTO users (username, password, email, role) VALUES ('user5','user5','user5@gmail.com','worker')

## Person TABLE

	A	B	C	D	E	PERSON	F	G	H	I	J
1											
2	<b>id (PK)</b>	<b>first_name</b>	<b>last_name</b>	<b>dni</b>	<b>email</b>		<b>phone</b>	<b>birthdate</b>	<b>city</b>	<b>address</b>	<b>postal_code</b>
3	0	Marta	Marti	48745124K	'MartaMarti@gmail.com'		34689547845	'24/02/1991'	Barcelona	C/de Rocafort, 152, baixos	8204
4	1	Joana	Aguilar	38145247G	'joanaAguilar@gmail.com'		47895475147	'02/10/1956'	Viladencans	C/Rambla, 2, 4t 3a	9845
5	2	Sara	Manzanares	98540254T	'SaraManzanares@gmail.com'		98658741524	'29/12/1967'	Martorell	C/Clarisse, 68, baixos	2145
6	3	Sandra	Marti	32050585S	'SandraMarti@gmail.com'		34614023210	'06/08/1988'	Barcelona	C/Sepulveda, 397, sobreatic 4a	8901
7	4	Marina	Micó	00548899A	'MarinaMicó@gmail.com'		34679800204	'19/05/2000'	Barcelona	C/Roger de Flor, 14, àtic 3	2358
8	5	Paula	Alonso	63325448D	'PaulaAlonso@gmail.com'		34604458796	'13/07/1993'	L'Hospitalet de Llobregat	C/Mestre Candi, 56, 4t 1a	8741
9	6	Alex	Herrero	46588741K	'AlexHerrero@gmail.com'		34512445884	'20/01/1999'	Barcelona	C/Enric Granados, 541, bajos	4478
10	7	Eli	Prieto	32548855P	'EliPrieto@gmail.com'		4798471200	'05/12/2001'	Barcelona	C/Pau Claris, 86, entresol 1a	4125
11	8	Laura	Perera	25415589F	'LauraPerera@gmail.com'		34652157848	'02/02/1984'	Barcelona	C/Vilaodmat, 156, principal 2a	9852
12	9	Raquel	Martin	54789512G	'RaquelMartin@gmail.com'		34612578945	'17/04/1983'	Barcelona	C/Almogavers, 122, baixos	8998
13	10	Guillen	Gutierrez	65154879Y	'GuillenGutierrez@gmail.com'		34659874123	'03/06/1975'	Barcelona	C/Entenza, 56, principal	8952
14	11	Rita	Anechina	98748545L	'RitaAnechina@gmail.com'		47123568945	'01/11/1998'	Barcelona	C/General Mitre, 224, esc 3, 2n4a	4512
15	12	Joan	Tejedor	84125403S	'JoanTejedor@gmail.com'		34620157894	'10/09/1964'	Barcelona	C/San Fructuós 6-8, esc 4, 1rB	8932
16	13	Pili	Vallet	46123002F	'PiliVallet@gmail.com'		34687950213	'09/08/1963'	Barcelona	C/d'Disputació, 38, principal 2a	8741
17	14	Juan	Goitisolo	50142789A	'JuanGoitisolo@gmail.com'		34602154632	'04/04/1989'	Barcelona	C/dels Dominiccs, 88, baixos	8952

```

1
2
3 INSERT INTO person (id,first_name,last_name,dni,email,phone,birthdate,city,address,postal_code) VALUES (0,'Marta','Martí',487451244,'MartaMartí@gmail.com','34689547845','STR_TO_DATE("24/02/1991','%d/%m/%Y'),Barcelona','c/de Rocafort, 152, baixos, 8204')
4 INSERT INTO person (id,first_name,last_name,dni,email,phone,birthdate,city,address,postal_code) VALUES (1,'Joaan','Aguilar',3814574574,'JoaanAguilar@gmail.com','47895475145','STR_TO_DATE("02/10/1965','%d/%m/%Y'),Viladecans','c/Rambla 2, 34, tel 93845')
5 INSERT INTO person (id,first_name,last_name,dni,email,phone,birthdate,city,address,postal_code) VALUES (2,'Sara','Manzanares',985402547,'SaraManzanares@gmail.com','39685741524','STR_TO_DATE("19/12/1967','%d/%m/%Y'),Mallorca','c/Clarisse, 68, baixos, 2145')
6 INSERT INTO person (id,first_name,last_name,dni,email,phone,birthdate,city,address,postal_code) VALUES (3,'Sandra','Martí',320508553,'SandraMartí@gmail.com','34614023210','STR_TO_DATE("06/08/1988','%d/%m/%Y'),Barcelona','c/Sepluvia, 397, sobrejacient, 4a, 8901')
7 INSERT INTO person (id,first_name,last_name,dni,email,phone,birthdate,city,address,postal_code) VALUES (4,'Marina','Micó',005488894,'MarinaMicó@gmail.com','34769800204','STR_TO_DATE("19/05/2000','%d/%m/%Y'),Barcelona','c/Roger de Flor, 14, àtic 3a, 2358')
8 INSERT INTO person (id,first_name,last_name,dni,email,phone,birthdate,city,address,postal_code) VALUES (5,'Paula','Alosa',633254840,'PaulaAlosa@gmail.com','34604458789','STR_TO_DATE("13/07/1993','%d/%m/%Y'),L'Hospitalet de Llobregat','c/Mentre Candi, 56, 4t 1a, 8741')
9 INSERT INTO person (id,first_name,last_name,dni,email,phone,birthdate,city,address,postal_code) VALUES (6,'Alex','Herrero',456857847,'AlexHerrero@gmail.com','34512445884','STR_TO_DATE("20/01/1999','%d/%m/%Y'),Barcelona','c/Eric Granados, 545, baixos, 4478')
10 INSERT INTO person (id,first_name,last_name,dni,email,phone,birthdate,city,address,postal_code) VALUES (7,'Elv','Prieto',325485851,'ElvPrieto@gmail.com','47984715200','STR_TO_DATE("05/12/2001','%d/%m/%Y'),Barcelona','c/Pau Clars, 86, entresol 1a, 4125')
11 INSERT INTO person (id,first_name,last_name,dni,email,phone,birthdate,city,address,postal_code) VALUES (8,'Laura','Pérez',251455989,'LauraPérez@gmail.com','34652157848','STR_TO_DATE("02/02/1984','%d/%m/%Y'),Barcelona','c/Viladomat, 156, principal 2a, 9852')
12 INSERT INTO person (id,first_name,last_name,dni,email,phone,birthdate,city,address,postal_code) VALUES (9,'Raquel','Martín',34612578945,'RaquelMartín@gmail.com','34612578945','STR_TO_DATE("17/04/1983','%d/%m/%Y'),Barcelona','c/Almagroes, 122, baixos, 8998')
13 INSERT INTO person (id,first_name,last_name,dni,email,phone,birthdate,city,address,postal_code) VALUES (10,'Guillén','Gutiérrez',651548797,'GuillénGutiérrez@gmail.com','34659874123','STR_TO_DATE("03/06/1975','%d/%m/%Y'),Barcelona','c/Entenza, 55, principal, 9552')
14 INSERT INTO person (id,first_name,last_name,dni,email,phone,birthdate,city,address,postal_code) VALUES (11,'Rita','Anechina',47123586495,'RitaAnechina@gmail.com','47123586495','STR_TO_DATE("01/11/1990','%d/%m/%Y'),Barcelona','c/General Mitre, 24, esc 3n-2a, 4512')
15 INSERT INTO person (id,first_name,last_name,dni,email,phone,birthdate,city,address,postal_code) VALUES (12,'Joan','Tejedor',841254035,'JoanTejedor@gmail.com','34620157894','STR_TO_DATE("01/09/1964','%d/%m/%Y'),Barcelona','c/San Fructuoso, 6-8, esc 1b, 8932')
16 INSERT INTO person (id,first_name,last_name,dni,email,phone,birthdate,city,address,postal_code) VALUES (13,'Pili','Vale',46123002751,'PiliVale@gmail.com','34687950213','STR_TO_DATE("09/08/1963','%d/%m/%Y'),Barcelona','c/diputació, 383, principal 2a, 8741')
17 INSERT INTO person (id,first_name,last_name,dni,email,phone,birthdate,city,address,postal_code) VALUES (14,'Juan','Gottsito',501427251,'JuanGottsito@gmail.com','34687950213','STR_TO_DATE("09/08/1964','%d/%m/%Y'),Barcelona','c/dels Dominics, 88, baixos, 8952')
```

Specialist TABI F

Specialist TABLE			D	E	F	G	H	I
1	A	B	C					
SPECIALIST				INSERTS				
2	<u><b>id (PK)</b></u>	<u><b>collegiate_num</b></u>	<u><b>role</b></u>					
3	0	12345	<u>worker</u>	INSERT INTO specialist (id, num_col,role) VALUES (0,'12345','worker')				
4	1	98542	<u>admin</u>	INSERT INTO specialist (id, num_col,role) VALUES (1,'98542','admin')				
5	2	56214	<u>admin</u>	INSERT INTO specialist (id, num_col,role) VALUES (2,'56214','admin')				
6	3	12653	<u>worker</u>	INSERT INTO specialist (id, num_col,role) VALUES (3,'12653','worker')				
7	4	34517	<u>worker</u>	INSERT INTO specialist (id, num_col,role) VALUES (4,'34517','worker')				
8	5	54179	<u>worker</u>	INSERT INTO specialist (id, num_col,role) VALUES (5,'54179','worker')				
9	6	25641	<u>worker</u>	INSERT INTO specialist (id, num_col,role) VALUES (6,'25641','worker')				
10	7	24789	<u>worker</u>	INSERT INTO specialist (id, num_col,role) VALUES (7,'24789','worker')				

## Patient TABLE

INSERT INTO patient (id, active, previous\_pathologies, diabetic, ss\_CIP, center\_code, num\_clinical\_log) VALUES (8, true, 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean at nibh tempor, ultrices tortor eget, rhoncus dolor. Integer ac interdum turpis. Praesent posuere aliquam sagittis.', true, 'GUAN0910920004', '15297', 920004)

```

4 | INSERT INTO patient (id, active, previous_pathologies, diabetic, es_CIP_center_code, num_clinical_log) VALUES (9, false, 'Cras rhoncus rutrum risus ut euismod. Sed quis iaculis justo. Aliquam sed purus imperdiet, pulvinar elit a, accumsan est.', false, 'ARM0598749850', 98451, '749850')
5 | INSERT INTO patient (id, active, previous_pathologies, diabetic, es_CIP_center_code, num_clinical_log) VALUES (10, true, 'Nam interdum ornare magna, non blandit ipsum mattis sit amet. Aliquam eu ipsum mattis, congue urna et, euismod lacus.', false, 'REH00123987354', 25417, '987354')
6 | INSERT INTO patient (id, active, previous_pathologies, diabetic, es_CIP_center_code, num_clinical_log) VALUES (11, true, 'Pellentesque sagittis nisi sit amet pulvinar ornare. Curabitur lobortis, magna vel mollis accumsan, libero ex pretium sem, nec semper ligula diam ut odio.', true, 'LDE0124587488', 98475, '587488')
7 | INSERT INTO patient (id, active, previous_pathologies, diabetic, es_CIP_center_code, num_clinical_log) VALUES (12, true, 'Curabitur lobortis, magna vel mollis accumsan, libero ex pretium sem, nec semper ligula diam ut odio. Lorem ipsum dolor sit amet, consectetur adipiscing elit.', true, 'POTAB547414521', '32145', '414521')
8 | INSERT INTO patient (id, active, previous_pathologies, diabetic, es_CIP_center_code, num_clinical_log) VALUES (13, true, 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur eu dolor sodales lectus finibus interdum quis in mauris. Cras pulvinar sed velit at mollis.', false, 'TLE5478926354', 60124, '926354')
9 | INSERT INTO patient (id, active, previous_pathologies, diabetic, es_CIP_center_code, num_clinical_log) VALUES (14, true, 'Sed quis iaculis justo. Aliquam sed purus imperdiet, pulvinar elit a, accumsan est. Nam interdum ornare magna, non blandit ipsum mattis sit amet.', true, 'HEP02541698735', 4123, '698735')
10 |

```

Offers TABLE

A	B	C	D	E	F	G	H
OFFERS		INSERTS					
specialist_id (FK)	treatment_id (FK)						
0	123						
1	124						
2	125						
3	126						
4	127						
5	128						
6	129						
7	130						
8	131						
9	125						
10	130						
11	131						
12	125						
13	128						

Treatment TABLE

A	B	C	D	E	F	G	H	I	J	K	L	M	N
TREATMENT				INSERTS									
id (PK)	name	price	description										
123	CIRUGÍA DE LA UÑA	65	descripcio1										
124	PROTESIS GRANDE	150	descripcio2										
125	ESTUDIO BIOMÉCANICO + SP INFANTIL	125.25	descripcio3										
126	SILMA	78.05	descripcio4										
127	REEDUCACIÓN UNGUEAL	98	descripcio5										
128	QUIROPODOLOGÍA	64	descripcio6										
129	CURAS	32	descripcio7										
130	TRATAMIENTO VERRUGAS	105	descripcio8										

Invoice TABLE

A	B	C	D	E
INVOICE				
visit_id (FK)	id (PK)	payment_type	invoice_date	total_price
456	398	efectivo	'24/02/2022'	230
457	399	tarjeta	'28/05/2021'	105
458	400	tarjeta	'13/12/2021'	60
459	401	tarjeta	'30/05/2021'	98
460	402	tarjeta	'16/03/2022'	160
461	403	efectivo	'23/01/2022'	45.60
462	404	tarjeta	'14/03/2022'	70.25
463	405	tarjeta	'04/07/2021'	65
G	H	I	J	R
1				
2	INSERTS			
3	INSERT INTO invoice (visit_id, id, payment_type, invoice_date, total_price) VALUES (456,398,'efectivo',STR_TO_DATE('24/02/2022','%d/%m/%Y'),230)			
4	INSERT INTO invoice (visit_id, id, payment_type, invoice_date, total_price) VALUES (457,399,'tarjeta',STR_TO_DATE('28/05/2021','%d/%m/%Y'),105)			
5	INSERT INTO invoice (visit_id, id, payment_type, invoice_date, total_price) VALUES (458,400,'tarjeta',STR_TO_DATE('13/12/2021','%d/%m/%Y'),60)			
6	INSERT INTO invoice (visit_id, id, payment_type, invoice_date, total_price) VALUES (459,401,'tarjeta',STR_TO_DATE('30/05/2021','%d/%m/%Y'),98)			
7	INSERT INTO invoice (visit_id, id, payment_type, invoice_date, total_price) VALUES (460,402,'tarjeta',STR_TO_DATE('16/03/2022','%d/%m/%Y'),160)			
8	INSERT INTO invoice (visit_id, id, payment_type, invoice_date, total_price) VALUES (461,403,'efectivo',STR_TO_DATE('23/01/2022','%d/%m/%Y'),45.60)			
9	INSERT INTO invoice (visit_id, id, payment_type, invoice_date, total_price) VALUES (462,404,'tarjeta',STR_TO_DATE('14/03/2022','%d/%m/%Y'),70.25)			
10	INSERT INTO invoice (visit_id, id, payment_type, invoice_date, total_price) VALUES (463,405,'tarjeta',STR_TO_DATE('04/07/2021','%d/%m/%Y'),65)			

Uses TABLE

A	B	C	D	E	F	G	H	I	J
USES			INSERTS						
visit_id (FK)	specialist_id (FK)	treatment_id (FK)							
456	0	123							

INSERT INTO uses (visit\_id, specialist\_id, treatment\_id) VALUES (456,0,123)

4	457	1	124	INSERT INTO uses (visit_id, specialist_id, treatment_id) VALUES (457,1,124)
5	458	2	125	INSERT INTO uses (visit_id, specialist_id, treatment_id) VALUES (458,2,125)
6	459	3	126	INSERT INTO uses (visit_id, specialist_id, treatment_id) VALUES (459,3,126)
7	460	0	127	INSERT INTO uses (visit_id, specialist_id, treatment_id) VALUES (460,0,127)
8	461	5	128	INSERT INTO uses (visit_id, specialist_id, treatment_id) VALUES (461,5,128)
9	462	5	129	INSERT INTO uses (visit_id, specialist_id, treatment_id) VALUES (462,5,129)
10	463	7	130	INSERT INTO uses (visit_id, specialist_id, treatment_id) VALUES (463,7,130)

**Attached TABLE**

A	B	C	D	E	F	G	H	I	J	K	L
ATTACHED											
id (PK)	visit_id (FK)	type	document		INSERTS						
894	456	pdf	doc attached		INSERT INTO attached (id, visit_id, type, document) VALUES (894,456,'pdf','doc attached')						
895	457	photo	doc attached		INSERT INTO attached (id, visit_id, type, document) VALUES (895,457,'photo','doc attached')						
896	458	photo	doc attached		INSERT INTO attached (id, visit_id, type, document) VALUES (896,458,'photo','doc attached')						
897	459	photo	doc attached		INSERT INTO attached (id, visit_id, type, document) VALUES (897,459,'photo','doc attached')						
898	460	photo	doc attached		INSERT INTO attached (id, visit_id, type, document) VALUES (898,460,'photo','doc attached')						
899	461	photo	doc attached		INSERT INTO attached (id, visit_id, type, document) VALUES (899,461,'photo','doc attached')						
900	462	word	doc attached		INSERT INTO attached (id, visit_id, type, document) VALUES (900,462,'word','doc attached')						
901	463	word	doc attached		INSERT INTO attached (id, visit_id, type, document) VALUES (901,463,'word','doc attached')						
902	464	photo	doc attached		INSERT INTO attached (id, visit_id, type, document) VALUES (902,464,'photo','doc attached')						
903	465	photo	doc attached		INSERT INTO attached (id, visit_id, type, document) VALUES (903,465,'photo','doc attached')						
904	466	pdf	doc attached		INSERT INTO attached (id, visit_id, type, document) VALUES (904,466,'pdf','doc attached')						
905	467	photo	doc attached		INSERT INTO attached (id, visit_id, type, document) VALUES (905,467,'photo','doc attached')						

## Invoice\_Details TABLE

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	INVOICE DETAILS						INSERTS							
2	treatment_id (FK)	invoice_id (PK)	price	quantity	total									
3	123	398	230	1	230		INSERT INTO invoice_details (treatment_id, invoice_id, price, quantity, total) VALUES (123,398,230,1,230)							
4	124	399	105	1	105		INSERT INTO invoice_details (treatment_id, invoice_id, price, quantity, total) VALUES (124,399,105,1,105)							
5	125	400	60	1	60		INSERT INTO invoice_details (treatment_id, invoice_id, price, quantity, total) VALUES (125,400,60,1,60)							
6	126	401	98	1	98		INSERT INTO invoice_details (treatment_id, invoice_id, price, quantity, total) VALUES (126,401,98,1,98)							
7	127	402	160	1	160		INSERT INTO invoice_details (treatment_id, invoice_id, price, quantity, total) VALUES (127,402,160,1,160)							
8	128	403,45.60			45.60		INSERT INTO invoice_details (treatment_id, invoice_id, price, quantity, total) VALUES (128,403,45.60,1,45.60)							
9	129	404,70.25			70.25		INSERT INTO invoice_details (treatment_id, invoice_id, price, quantity, total) VALUES (129,404,70.25,1,70.25)							
10	130	405	65	1	65		INSERT INTO invoice_details (treatment_id, invoice_id, price, quantity, total) VALUES (130,405,65,1,65)							

## Partner\_Invoice TABLE

Visit TABLE

	A	B	C	D	E	F
1	VISIT					
2	patient_id (FK)	id (PK)	visit_description	recommendations	visit_date	ss_private
3		8	758 descripcio1	recomanacio1	'24/02/2022'	658734567840
4		9	759 descripcio2	recomanacio2	'28/05/2021'	301234567841
5		10	760 descripcio3	recomanacio3	'13/12/2021'	281234567842
6		11	761 descripcio4	recomanacio4	'30/05/2021'	987234567843
7		12	762 descripcio5	recomanacio5	'16/03/2022'	457489201478
8		13	763 descripcio6	null	'23/01/2022'	328954567845
9		14	764 descripcio7	recomanacio9	'14/03/2022'	604234567846
	H	I	J	K	L	M
1	N	O	P	Q	R	S
	T					

```

INSERT INTO visit (visit_id, id, payment_type, invoice_date, total_price) VALUES (8,758,'descripcion1','recomanacio1',STR_TO_DATE('24/02/2022','%d/%m/%Y'),'658734567840')
INSERT INTO visit (visit_id, id, payment_type, invoice_date, total_price) VALUES (9,759,'descripcion2','recomanacio2',STR_TO_DATE('28/05/2021','%d/%m/%Y'),'301234567841')
INSERT INTO visit (visit_id, id, payment_type, invoice_date, total_price) VALUES (10,760,'descripcion3','recomanacio3',STR_TO_DATE('13/12/2021','%d/%m/%Y'),'281234567842')
INSERT INTO visit (visit_id, id, payment_type, invoice_date, total_price) VALUES (11,761,'descripcion4','recomanacio4',STR_TO_DATE('30/05/2021','%d/%m/%Y'),'987234567843')
INSERT INTO visit (visit_id, id, payment_type, invoice_date, total_price) VALUES (12,762,'descripcion5','recomanacio5',STR_TO_DATE('16/03/2022','%d/%m/%Y'),'457489201478')
INSERT INTO visit (visit_id, id, payment_type, invoice_date, total_price) VALUES (13,763,'descripcion6','null',STR_TO_DATE('23/01/2022','%d/%m/%Y'),'328954567845')
INSERT INTO visit (visit_id, id, payment_type, invoice_date, total_price) VALUES (14,764,'descripcion7','recomanacio9',STR_TO_DATE('14/03/2022','%d/%m/%Y'),'604234567846')

```

## Final Data Cases

Table structure for table users

Column	Type	Null	Default
<b>id</b>	bigint(20)	No	
first_name	varchar(255)	No	
last_name	varchar(255)	No	
password	varchar(255)	Yes	NULL
dni	varchar(255)	No	
email	varchar(255)	No	
phone	varchar(255)	No	
birthdate	date	No	
city	varchar(255)	No	
address	varchar(255)	No	
postal_code	varchar(255)	No	
active	tinyint(1)	Yes	1
previous_pathologies	varchar(255)	Yes	NULL
diabetic	tinyint(1)	Yes	0
ss_CIP	varchar(255)	Yes	NULL
center_code	varchar(255)	Yes	NULL
collegiate_num	varchar(255)	Yes	NULL
role	enum('admin','specialist','patient')	No	patient
register_date	timestamp	No	current_timestamp()
created_at	timestamp	Yes	NULL
updated_at	timestamp	Yes	NULL

Insert data for tabla users

```

INSERT INTO `users` (`id`, `first_name`, `last_name`, `password`,
`dni`, `email`, `phone`, `birthdate`, `city`, `address`, `postal_code`,
`active`, `previous_pathologies`, `diabetic`, `ss_CIP`, `center_code`,
`collegiate_num`, `role`, `register_date`, `created_at`, `updated_at`)
VALUES
(1, 'Clyde', 'Muller', '$2y$10$92IXUNpkjO0rQ5byMi.Ye4oKoEa3Ro9llC/.og
/at2.uheWG/igi', '217323390', 'doris33@example.org', '674237530', '2001-
10-18', 'North', '46698 Tony Rapid\nGradyfurt, NJ 02689', '94086', 1,
'Consequuntur totam excepturi sit aut.', 1, 'SDBD8071643705',
'9681226492', '25530', 'admin', '1980-06-27 07:13:46', '2022-05-27 10:

```

56:03', '2022-05-27 10:56:03'),  
(2, 'Lilly', 'Hansen', '\$2y\$10\$92IXUNpkj00rOQ5byMi.Ye4oKoEa3Ro9llC/.og  
/at2.uheWG/igi', '79992633L', 'jortiz@example.org', '601211243', '1980-  
02-15', 'New', '883 Marlen Creek\nReingerstad, ND 36175-8923', '42190',  
0, 'Autem hic distinctio labore sed.', 1, 'BFDW2501269826',  
'5091358654', '86815', 'admin', '2009-06-25 11:57:05', '2022-05-27 10:  
56:03', '2022-05-27 10:56:03'),  
(3, 'Carlie', 'Green', '\$2y\$10\$92IXUNpkj00rOQ5byMi.Ye4oKoEa3Ro9llC/.og  
/at2.uheWG/igi', '67507298D', 'zita31@example.net', '606719868', '2011-  
11-20', 'East', '545 Halvorson Oval\nAlanbury, MT 94985-1892', '74412',  
0, 'Suscipit ut quae sunt voluptatem.', 0, 'JQGE4803311800',  
'5869390306', '84862', 'patient', '2018-06-28 08:11:26', '2022-05-27 10:  
56:03', '2022-05-27 10:56:03'),  
(4, 'Marquis', 'Bernhard', '\$2y\$10\$92IXUNpkj00rOQ5byMi.Ye4oKoEa3Ro9llC/.og  
/at2.uheWG/igi', '34104399D', 'considine.bethel@example.net',  
'648879099', '1981-01-25', 'South', '5964 Ebony Via Suite 074\nWest  
Neoma, OH 61025-5102', '93904', 1, 'Suscipit et eum quos quidem  
rerum.', 1, 'ZRVG2676044679', '4725452996', '33450', 'patient', '1980-  
02-13 16:21:26', '2022-05-27 10:56:03', '2022-05-27 10:56:03'),  
(5, 'Adah', 'Powlowski', '\$2y\$10\$92IXUNpkj00rOQ5byMi.Ye4oKoEa3Ro9llC/.og  
/at2.uheWG/igi', '41948066V', 'nquitzon@example.net', '657683408',  
'1980-09-12', 'South', '5121 Jakubowski Haven Suite 580\nSwiftstad, DC  
75663-0142', '30682', 1, 'Voluptatum in officia qui.', 1,  
'FWDK3458906320', '8233081775', '97058', 'admin', '2016-07-06 12:15:  
34', '2022-05-27 10:56:03', '2022-05-27 10:56:03'),  
(6, 'Abbie', 'Jacobson', '\$2y\$10\$92IXUNpkj00rOQ5byMi.Ye4oKoEa3Ro9llC/.og  
/at2.uheWG/igi', '09468298H', 'hosea.durgan@example.org', '644518304',  
'1972-07-25', 'New', '24869 Frami Heights\nSiennaview, VT 60943',  
'11618', 0, 'In aliquam non accusamus est error aut.', 1,  
'EEJL5570112141', '5907597771', '90790', 'patient', '1989-12-20 17:25:  
48', '2022-05-27 10:56:03', '2022-05-27 10:56:03'),  
(7, 'Jayce', 'Bayer', '\$2y\$10\$92IXUNpkj00rOQ5byMi.Ye4oKoEa3Ro9llC/.og  
/at2.uheWG/igi', '75951530P', 'kassulke.dominique@example.net',  
'670482921', '1993-06-08', 'Port', '8215 Buster Plaza Suite 201\nLake  
Antone, AL 29214', '37046', 1, 'Labore molestiae molestiae porro.', 1,  
'SIIB7377602536', '3408954308', '02638', 'patient', '2016-06-06 14:37:  
18', '2022-05-27 10:56:03', '2022-05-27 10:56:03'),  
(8, 'Dolly', 'Walker', '\$2y\$10\$92IXUNpkj00rOQ5byMi.Ye4oKoEa3Ro9llC/.og  
/at2.uheWG/igi', '77088441V', 'alena19@example.org', '646419464', '1999-  
07-05', 'New', '28312 Meta Islands Apt. 596\nNew Eden, AR 11400-8575',  
'60621', 0, 'Quo a sapiente error ducimus.', 1, 'MIXU1539722178',  
'9644855588', '19966', 'admin', '2010-12-22 15:44:24', '2022-05-27 10:  
56:03', '2022-05-27 10:56:03'),  
(9, 'Enrico', 'Kuhn', '\$2y\$10\$92IXUNpkj00rOQ5byMi.Ye4oKoEa3Ro9llC/.og  
/at2.uheWG/igi', '39749290K', 'gjacobs@example.com', '698805588', '2001-  
03-03', 'South', '975 Giles Ridges Suite 874\nNoeliaport, LA 86248-  
3493', '85403', 0, 'Modi temporibus tempore animi in eum.', 1,  
'CUWC5740924800', '4996581039', '51107', 'admin', '1980-08-30 09:19:  
40', '2022-05-27 10:56:03', '2022-05-27 10:56:03'),  
(10, 'Cleve', 'Wuckert', '\$2y\$10\$92IXUNpkj00rOQ5byMi.Ye4oKoEa3Ro9llC/.og

```

/at2.uheWG/igi', '71602260F', 'alejandra68@example.net', '685131579',
'2004-02-21', 'West', '788 Ruecker Summit\nLake Fae, WA 35227',
'35601', 0, 'Libero mollitia sed officia blanditiis.', 1,
'MBFO8634819430', '9519976045', '79514', 'admin', '1982-05-16 05:16:
04', '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(11, 'Adele', 'Sawayn', '$2y$10$92IXUNpkj00rOQ5byMi.Ye4oKoEa3Ro9llC/.og
/at2.uheWG/igi', '86789900J', 'ruecker.davin@example.com', '624049337',
'2010-08-15', 'Lake', '984 Jean Walk Suite 013\nWisokychester, WY
24588', '91739', 1, 'Deserunt ut eveniet repellat quia non.', 0,
'IAWE4789671376', '8126576909', '20276', 'patient', '1984-06-02 14:20:
13', '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(12, 'Nichole', 'Pollich', '$2y$10$92IXUNpkj00rOQ5byMi.Ye4oKoEa3Ro9llC/.og
/at2.uheWG/igi', '10834964T', 'zcollins@example.net', '635057794',
'1988-10-18', 'West', '7511 Brad Walks\nSouth Chandler, MI 91596',
'30051', 0, 'Nam nam qui aut sint.', 0, 'SJMF0721945194', '0749172438',
'42173', 'patient', '2001-03-16 10:32:03', '2022-05-27 10:56:03', '2022-
05-27 10:56:03'),
(13, 'Nayeli', 'Sanford', '$2y$10$92IXUNpkj00rOQ5byMi.Ye4oKoEa3Ro9llC/.og
/at2.uheWG/igi', '55037414B', 'wava23@example.org', '630398587',
'2010-11-09', 'East', '9796 Schinner Ramp\nSabinaport, MI 70674-6746',
'88213', 1, 'Nihil repellat vero consequatur.', 0, 'DCFP1357250658',
'3890233826', '72335', 'admin', '2007-10-29 23:05:51', '2022-05-27 10:
56:03', '2022-05-27 10:56:03'),
(14, 'Billy', 'Jacobs', '$2y$10$92IXUNpkj00rOQ5byMi.Ye4oKoEa3Ro9llC/.og
/at2.uheWG/igi', '56455423G', 'maximillia94@example.net', '618685105',
'1997-03-18', 'Lake', '814 Aiyana Drives\nEast Daltonland, KS 58102-
8619', '58716', 0, 'Quo porro architecto dicta minima.', 0,
'UVJY0806728290', '2676324615', '84996', 'admin', '1975-09-05 21:19:
54', '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(15, 'Kris', 'McClure', '$2y$10$92IXUNpkj00rOQ5byMi.Ye4oKoEa3Ro9llC/.og
/at2.uheWG/igi', '92471264A', 'lukas66@example.net', '653874718', '2015-
04-14', 'Port', '2315 Shirley Orchard\nHermannmouth, MI 79116',
'87432', 1, 'Quae id accusantium culpa.', 1, 'LMDE3689878225',
'4539831227', '20908', 'patient', '1993-11-02 02:26:14', '2022-05-27 10:
56:03', '2022-05-27 10:56:03');

```

### Dumping data for table users

1	Clyde	Muller	\$2y\$10\$92IXUNpkj00rOQ5byMi.Ye4oKoEa3Ro9llC/.og /at2.uheWG/igi	217323390	doris33@example.org	674237530	2001-10-18	North	46698 Tony Rapid Gradyfurt, NJ 02689	94086	1	Consequuntur totam excepturi sit aut.	1	SDBD80 71643705	9681226 492	25530	admin	1980-06-27 09:13:46	2022-05-27 12:56:03	2022-05-27 12:56:03
2	Lilly	Hansen	\$2y\$10\$92IXUNpkj00rOQ5byMi.Ye4oKoEa3Ro9llC/.og /at2.uheWG/igi	79992633L	joritz@example.org	601211243	1980-02-15	New	883 Marlen Creek Reingers tad, ND 36175-8923	42190	0	Autem hic distinctio labore sed.	1	BFDW25 01269826	5091358 654	86815	admin	2009-06-25 13:57:05	2022-05-27 12:56:03	2022-05-27 12:56:03
3	Carlie	Green	\$2y\$10\$92IXUNpkj00rOQ5byMi.Ye4oKoEa3Ro9llC/.og /at2.uheWG/igi	67507298D	zita31@example.net	606719868	2011-11-20	East	545 Halvorson Oval Alanbury, MT 94985-1892	74412	0	Suscipit ut quae sunt voluptatem.	0	JQGE48 03311800	5869390 306	84862	patient	2018-06-28 10:11:26	2022-05-27 12:56:03	2022-05-27 12:56:03

			/at2. uheWG /igi																	
4	Marquis	Bernhard	\$2y\$10\$92lXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9lIC/.og/at2.uheWG/igi	34104399D	considin e.bethel@example.net	648879099	1981-01-25	South	5964 Ebony Via Suite 074 West Neoma, OH 61025-5102	93904	1	Suscipit et eum quos quidem rerum.	1	ZRVG26 76044679	4725452996	33450	patient	1980-02-13 17:21:26	2022-05-27 12:56:03	2022-05-27 12:56:03
5	Adah	Powlowski	\$2y\$10\$92lXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9lIC/.og/at2.uheWG/igi	41948066V	nquitzon@example.net	657683408	1980-09-12	South	5121 Jakubowski Haven Suite 580 Swiftstad, DC 75663-0142	30682	1	Voluptat um in officia qui.	1	FWDK34 58906320	8233081775	97058	admin	2016-07-06 14:15:34	2022-05-27 12:56:03	2022-05-27 12:56:03
6	Abbie	Jacobson	\$2y\$10\$92lXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9lIC/.og/at2.uheWG/igi	09468298H	hosea.durgan@example.org	644518304	1972-07-25	New	24869 Frami Heights Siennaev, VT 60943	11618	0	In aliquam non accusam us est error aut.	1	EEJL557 0112141	5907597771	90790	patient	1989-12-20 18:25:48	2022-05-27 12:56:03	2022-05-27 12:56:03

Table structure for table uses

Column	Type	Null	Default
visit_id	bigint(20)	No	
user_id	bigint(20)	No	
treatment_id	bigint(20)	No	
created_at	timestamp	Yes	NULL
updated_at	timestamp	Yes	NULL

Insert data for table uses

```
INSERT INTO `uses` (`visit_id`, `user_id`, `treatment_id`, `created_at`, `updated_at`) VALUES
(1, 9, 15, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(4, 9, 14, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(7, 7, 12, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(8, 6, 10, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(8, 14, 12, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(9, 9, 7, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(10, 5, 11, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(10, 6, 10, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(12, 1, 15, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(12, 2, 11, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(13, 10, 12, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(14, 6, 1, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(15, 2, 8, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(15, 7, 10, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(15, 13, 4, '2022-05-27 10:56:04', '2022-05-27 10:56:04');
```

Dumping data for table uses

1	9	15	2022-05-27 12:56:04	2022-05-27 12:56:04
---	---	----	---------------------	---------------------

4	9	14	2022-05-27 12:56:04	2022-05-27 12:56:04
7	7	12	2022-05-27 12:56:04	2022-05-27 12:56:04
8	6	10	2022-05-27 12:56:04	2022-05-27 12:56:04
8	14	12	2022-05-27 12:56:04	2022-05-27 12:56:04
9	9	7	2022-05-27 12:56:04	2022-05-27 12:56:04
10	5	11	2022-05-27 12:56:04	2022-05-27 12:56:04
10	6	10	2022-05-27 12:56:04	2022-05-27 12:56:04
12	1	15	2022-05-27 12:56:04	2022-05-27 12:56:04
12	2	11	2022-05-27 12:56:04	2022-05-27 12:56:04
13	10	12	2022-05-27 12:56:04	2022-05-27 12:56:04
14	6	1	2022-05-27 12:56:04	2022-05-27 12:56:04
15	2	8	2022-05-27 12:56:04	2022-05-27 12:56:04
15	7	10	2022-05-27 12:56:04	2022-05-27 12:56:04
15	13	4	2022-05-27 12:56:04	2022-05-27 12:56:04

Table structure for table visits

Column	Type	Null	Default
<i>id</i>	bigint(20)	No	
visit_description	varchar(255)	No	
visit_date	date	No	
sent	tinyint(1)	No	
user_id	bigint(20)	No	
created_at	timestamp	Yes	NULL
updated_at	timestamp	Yes	NULL

Insert data for tabla visits

```
INSERT INTO `visits` (`id`, `visit_description`, `visit_date`, `sent`, `user_id`, `created_at`, `updated_at`) VALUES
(1, 'Sunt eos sed magni architecto deleniti cum.', '2021-10-01', 0, 10, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(2, 'Consequuntur exercitationem quia quisquam vel.', '2022-03-04', 0, 11, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(3, 'Ad quam rem qui quia fugit.', '2022-02-12', 1, 13, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(4, 'Ipsa enim tenetur amet iure quia rerum est.', '2022-04-17', 0, 7, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(5, 'Facilis omnis eligendi in et architecto.', '2022-03-18', 1, 13, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(6, 'Et necessitatibus molestias non aut.', '2022-04-28', 0, 1, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(7, 'Quibusdam fuga error quasi aut.', '2022-03-17', 0, 2, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(8, 'Vitae cum illo odio illum vel maiores dicta.', '2022-03-17', 0, 6,
```

```
'2022-05-27 10:56:03', '2022-05-27 10:56:03') ,
(9, 'Sed quo velit quia quae ea tempore ab.', '2022-04-24', 1, 14,
'2022-05-27 10:56:03', '2022-05-27 10:56:03');
```

#### Dumping data for table visits

1	Sunt eos sed magni architecto deleniti cum.	2021-10-01	0	10	2022-05-27 12:56:03	2022-05-27 12:56:03
2	Consequuntur exercitationem quia quisquam vel.	2022-03-04	0	11	2022-05-27 12:56:03	2022-05-27 12:56:03
3	Ad quam rem qui quia fugit.	2022-02-12	1	13	2022-05-27 12:56:03	2022-05-27 12:56:03
4	Ipsa enim tenetur amet iure quia rerum est.	2022-04-17	0	7	2022-05-27 12:56:03	2022-05-27 12:56:03
5	Facilis omnis eligendi in et architecto.	2022-03-18	1	13	2022-05-27 12:56:03	2022-05-27 12:56:03
6	Et necessitatibus molestias non aut.	2022-04-28	0	1	2022-05-27 12:56:03	2022-05-27 12:56:03
7	Quibusdam fuga error quasi aut.	2022-03-17	0	2	2022-05-27 12:56:03	2022-05-27 12:56:03
8	Vitae cum illo odio illum vel maiores dicta.	2022-03-17	0	6	2022-05-27 12:56:03	2022-05-27 12:56:03
9	Sed quo velit quia quae ea tempore ab.	2022-04-24	1	14	2022-05-27 12:56:03	2022-05-27 12:56:03

#### Table structure for table attacheds

Column	Type	Null	Default
<i>id</i>	bigint(20)	No	
type	varchar(255)	Yes	NULL
image	varchar(255)	Yes	NULL
visit_id	bigint(20)	Yes	NULL
created_at	timestamp	Yes	NULL
updated_at	timestamp	Yes	NULL

#### Insert data for tabla attacheds

```
INSERT INTO `attacheds` (`id`, `type`, `image`, `visit_id`,
`created_at`, `updated_at`) VALUES
(1, NULL, NULL, 7, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(2, NULL, NULL, 9, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(3, NULL, NULL, 5, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(4, NULL, NULL, 13, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(5, NULL, NULL, 13, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(6, NULL, NULL, 14, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(7, NULL, NULL, 6, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
```

```
(8, NULL, NULL, 3, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(9, NULL, NULL, 2, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(10, NULL, NULL, 5, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(11, NULL, NULL, 11, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(12, NULL, NULL, 4, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(13, NULL, NULL, 15, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(14, NULL, NULL, 1, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(15, NULL, NULL, 7, '2022-05-27 10:56:04', '2022-05-27 10:56:04');
```

#### Table structure for table treatments

Column	Type	Null	Default
<i>id</i>	bigint(20)	No	
name	varchar(80)	No	
price	double(6,2)	No	
description	varchar(200)	No	
active	tinyint(1)	Yes	1
created_at	timestamp	Yes	NULL
updated_at	timestamp	Yes	NULL

#### Insert data for tabla treatments

```
INSERT INTO `treatments` (`id`, `name`, `price`, `description`,
`active`, `created_at`, `updated_at`) VALUES
(1, 'PROTESIS MEDIANA', 24.11, 'Ipsa eum facere sint quisquam placeat
cum fugit.', 1, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(2, 'SILMA', 69.23, 'Rerum consequuntur aliquid ratione aliquam quod.', 0,
'2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(3, 'OTRAS PRUEBAS', 87.99, 'Reiciendis sequi ipsa et commodi.', 1,
'2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(4, 'PROTESIS GRANDE', 64.90, 'Quia dolorem sint libero minus
laudantium velit.', 1, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(5, 'CURAS', 10.00, 'Culpa rerum adipisci dolorem.', 0, '2022-05-27 10:
56:03', '2022-05-27 10:56:03'),
(6, 'PROTESIS PEQUEÑAS', 14.60, 'Aspernatur placeat nemo fugit et.', 1,
'2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(7, 'CURAS', 54.88, 'Veritatis et rerum explicabo deleniti ut quia.', 1,
'2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(8, 'CURAS', 25.33, 'Voluptas neque ipsa quam odio aperiam.', 1, '2022-
05-27 10:56:03', '2022-05-27 10:56:03'),
(9, 'PROTESIS GRANDE', 61.76, 'Maiores deserunt et aspernatur et.', 1,
'2022-05-27 10:56:03', '2022-05-27 10:56:03');
```

#### Dumping data for table treatments

1	PROTESIS MEDIANA	24.11		1	2022-05-27 12:56: 03	2022-05-27 12:56: 03
---	---------------------	-------	--	---	-------------------------	-------------------------

			Ipsa eum facere sint quisquam placeat cum fugit.			
2	SILMA	69.23	Rerum consequuntur aliquid ratione aliquam quod.	0	2022-05-27 12:56:03	2022-05-27 12:56:03
3	OTRAS PRUEBAS	87.99	Reiciendis sequi ipsa et commodi.	1	2022-05-27 12:56:03	2022-05-27 12:56:03
4	PROTESIS GRANDE	64.90	Quia dolorem sint libero minus laudantium velit.	1	2022-05-27 12:56:03	2022-05-27 12:56:03
5	CURAS	10.00	Culpa rerum adipisci dolorem.	0	2022-05-27 12:56:03	2022-05-27 12:56:03
6	PROTESIS PEQUEÑAS	14.60	Aspernatur placeat nemo fugit et.	1	2022-05-27 12:56:03	2022-05-27 12:56:03
7	CURAS	54.88	Veritatis et rerum explicabo deleniti ut quia.	1	2022-05-27 12:56:03	2022-05-27 12:56:03
8	CURAS	25.33	Voluptas neque ipsa quam odio aperiam.	1	2022-05-27 12:56:03	2022-05-27 12:56:03
9	PROTESIS GRANDE	61.76	Maiores deserunt et aspernatur et.	1	2022-05-27 12:56:03	2022-05-27 12:56:03

Table structure for table invoices

Column	Type	Null	Default
<i>id</i>	bigint(20)	No	
invoice_number	varchar(255)	Yes	NULL
payment_type	enum('efectivo', 'tarjeta')	Yes	NULL
sent	tinyint(1)	Yes	NULL
invoice_date	datetime	No	
total_price	double(8,2)	No	
specialist_id	bigint(20)	Yes	NULL
visit_id	bigint(20)	Yes	NULL
created_at	timestamp	Yes	NULL
updated_at	timestamp	Yes	NULL

Insert data for tabla invoices

```

INSERT INTO `invoices` (`id`, `invoice_number`, `payment_type`, `sent`,
`invoice_date`, `total_price`, `specialist_id`, `visit_id`,
`created_at`, `updated_at`) VALUES
(1, NULL, 'tarjeta', 0, '2021-09-15 05:21:32', 57.42, NULL, 11, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(2, NULL, 'efectivo', 0, '2022-03-08 07:16:08', 34.71, NULL, 12, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(3, NULL, 'efectivo', 1, '2021-09-06 08:18:50', 94.94, NULL, 10, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(4, NULL, 'tarjeta', 0, '2021-10-17 06:51:22', 28.91, NULL, 3, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),

```

```
(5, NULL, 'tarjeta', 1, '2022-04-29 00:04:03', 29.04, NULL, 5, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(6, NULL, 'efectivo', 1, '2022-02-06 13:12:35', 18.24, NULL, 8, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(7, NULL, 'tarjeta', 1, '2022-01-13 19:25:23', 34.52, NULL, 14, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(8, NULL, 'tarjeta', 1, '2021-11-05 05:38:27', 70.10, NULL, 8, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(9, NULL, 'efectivo', 0, '2021-11-05 12:10:05', 53.45, NULL, 8, '2022-05-27 10:56:03', '2022-05-27 10:56:03');
```

#### Dumping data for table invoices

1	NULL	tarjeta	0	2021-09-15 05:21:32	57.42	NULL	11	2022-05-27 12:56:03	2022-05-27 12:56:03
2	NULL	efectivo	0	2022-03-08 07:16:08	34.71	NULL	12	2022-05-27 12:56:03	2022-05-27 12:56:03
3	NULL	efectivo	1	2021-09-06 08:18:50	94.94	NULL	10	2022-05-27 12:56:03	2022-05-27 12:56:03
4	NULL	tarjeta	0	2021-10-17 06:51:22	28.91	NULL	3	2022-05-27 12:56:03	2022-05-27 12:56:03
5	NULL	tarjeta	1	2022-04-29 00:04:03	29.04	NULL	5	2022-05-27 12:56:03	2022-05-27 12:56:03
6	NULL	efectivo	1	2022-02-06 13:12:35	18.24	NULL	8	2022-05-27 12:56:03	2022-05-27 12:56:03
7	NULL	tarjeta	1	2022-01-13 19:25:23	34.52	NULL	14	2022-05-27 12:56:03	2022-05-27 12:56:03
8	NULL	tarjeta	1	2021-11-05 05:38:27	70.10	NULL	8	2022-05-27 12:56:03	2022-05-27 12:56:03
9	NULL	efectivo	0	2021-11-05 12:10:05	53.45	NULL	8	2022-05-27 12:56:03	2022-05-27 12:56:03

#### Table structure for table invoice\_details

Column	Type	Null	Default
<i>id</i>	bigint(20)	No	
invoice_id	bigint(20)	No	
name	varchar(255)	No	
price	double(8,2)	No	
quantity	int(11)	No	1
total	double(8,2)	No	
created_at	timestamp	Yes	NULL
updated_at	timestamp	Yes	NULL

#### Insert data for tabla invoice\_details

```
INSERT INTO `invoice_details` (`id`, `invoice_id`, `name`, `price`, `quantity`, `total`, `created_at`, `updated_at`) VALUES
(1, 3, 'ESTUDIO BIOMECÁNICO + SP INFANTIL', 32.29, 1, 16.34, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(2, 7, 'PROTESIS MEDIANA', 17.73, 1, 25.46, '2022-05-27 10:56:03',
'2022-05-27 10:56:03'),
```

```
( 3, 12, 'ESTUDIO BIOMECÁNICO + SP INFANTIL', 84.47, 1, 22.02, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
( 4, 5, 'ESTUDIO BIOMECANICO', 44.29, 1, 13.75, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
( 5, 9, 'REEDUCACIÓN UNGUEAL', 14.80, 1, 36.21, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
( 6, 12, 'OTRAS PRUEBAS', 19.63, 1, 10.23, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
( 7, 1, 'RETOQUES O CAMBIO FORROS SP', 99.80, 1, 89.31, '2022-05-27 10:56:03', '2022-05-27 10:56:03');
```

#### Dumping data for table invoice\_details

1	3	ESTUDIO BIOMECÁNICO + SP INFANTIL	32.29	1	16.34	2022-05-27 12:56:03	2022-05-27 12:56:03
2	7	PROTESIS MEDIANA	17.73	1	25.46	2022-05-27 12:56:03	2022-05-27 12:56:03
3	12	ESTUDIO BIOMECÁNICO + SP INFANTIL	84.47	1	22.02	2022-05-27 12:56:03	2022-05-27 12:56:03
4	5	ESTUDIO BIOMECANICO	44.29	1	13.75	2022-05-27 12:56:03	2022-05-27 12:56:03
5	9	REEDUCACIÓN UNGUEAL	14.80	1	36.21	2022-05-27 12:56:03	2022-05-27 12:56:03
6	12	OTRAS PRUEBAS	19.63	1	10.23	2022-05-27 12:56:03	2022-05-27 12:56:03
7	1	RETOQUES O CAMBIO FORROS SP	99.80	1	89.31	2022-05-27 12:56:03	2022-05-27 12:56:03

#### Table structure for table partner\_invoices

Column	Type	Null	Default
<i>id</i>	bigint(20)	No	
phone	varchar(255)	No	
dni	varchar(255)	No	
collegiate_num	varchar(255)	Yes	NULL
first_name	varchar(255)	No	
last_name	varchar(255)	No	
role	enum('admin','specialist','patient')	Yes	NULL
nif	varchar(255)	Yes	NULL
postal_code	varchar(255)	No	
address	varchar(255)	No	
city	varchar(255)	No	
invoice_id	bigint(20)	No	
created_at	timestamp	Yes	NULL
updated_at	timestamp	Yes	NULL

#### Insert data for tabla partner\_invoices

```

INSERT INTO `partner_invoices` (`id`, `phone`, `dni`, `collegiate_num`,
`first_name`, `last_name`, `role`, `nif`, `postal_code`, `address`,
`city`, `invoice_id`, `created_at`, `updated_at`) VALUES
(1, '682205609', '80396538V', '12915', 'Sunny', 'Buckridge',
'specialist', '33350256B', '57738', '4788 Schultz Tunnel Suite 574\nNew
Emanuelmouth, LA 02059-3927', 'Port', 14, '2022-05-27 10:56:03', '2022-
05-27 10:56:03'),
(2, '678596065', '78293328U', '86397', 'Floy', 'Bins', 'specialist',
'60370579Y', '84932', '741 Skiles Prairie Apt. 517\nWest Kaydenmouth,
MA 88437-6163', 'South', 3, '2022-05-27 10:56:03', '2022-05-27 10:56:
03'),
(3, '671153656', '80388699U', '13864', 'Shawn', 'DuBuque', 'patient',
'86791961U', '87612', '50148 Price Run\nBednarmouth, UT 11147', 'East',
2, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(4, '678533797', '53533098E', '54337', 'Barry', 'Rogahn', 'specialist',
'57593771I', '24806', '74062 Sonya Pass\nNorth Matilda, AR 77767',
'West', 8, '2022-05-27 10:56:03', '2022-05-27 10:56:03'),
(5, '675716937', '05545816B', '62106', 'Angela', 'Wiegand',
'specialist', '47187959X', '93132', '558 Gunnar Loop Suite
107\nHegmannton, FL 88522', 'Lake', 3, '2022-05-27 10:56:03', '2022-05-
27 10:56:03'),
(6, '628085255', '96100392V', '43670', 'Sydney', 'Terry', 'patient',
'51864154L', '74654', '1196 Ernestine Ways\nEast Forrest, SC 49174',
'West', 11, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(7, '629955420', '46466586E', '47390', 'Darrell', 'Feil', 'patient',
'04475746D', '84370', '7192 Skiles Island\nHackettville, VT 57769-
1755', 'West', 2, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(8, '632015613', '72487249B', '26833', 'Isaiah', 'Turcotte',
'specialist', '81491738P', '12138', '4468 Vickie Port\nXanderburgh, TX
76785-4882', 'South', 7, '2022-05-27 10:56:04', '2022-05-27 10:56:04'),
(9, '635577410', '06502107M', '33696', 'Maudie', 'Ritchie', 'patient',
'29936950A', '38611', '917 Kurtis Tunnel Apt. 024\nPort Austenfurt, IA
02434', 'New', 8, '2022-05-27 10:56:04', '2022-05-27 10:56:04');

```

#### Dumping data for table partner\_invoices

1	682205609	80396538V	12915	Sunny	Buckridge	specialist	33350256B	57738	4788 Schultz Tunnel Suite 574 New Emanuelmouth, LA 02059-3927	Port	14	2022-05-27 12:56:03	2022-05-27 12:56:03
2	678596065	78293328U	86397	Floy	Bins	specialist	60370579Y	84932	741 Skiles Prairie Apt. 517 West Kaydenmouth, MA 88437-6163	South	3	2022-05-27 12:56:03	2022-05-27 12:56:03
3	671153656	80388699U	13864	Shawn	DuBuque	patient	86791961U	87612	50148 Price Run Bednarmouth, UT 11147	East	2	2022-05-27 12:56:03	2022-05-27 12:56:03
4	678533797	53533098E	54337	Barry	Rogahn	specialist	57593771I	24806	74062 Sonya Pass North Matilda, AR 77767	West	8	2022-05-27 12:56:03	2022-05-27 12:56:03
5	675716937	05545816B	62106	Angela	Wiegand	specialist	47187959X	93132	558 Gunnar Loop Suite	Lake	3	2022-05-27 12:56:03	2022-05-27 12:56:03

										107 Hegmanton , FL 88522				
6	628085255	96100392V	43670	Sydney	Terry	patient	51864154L	74654	1196 Ernestine Ways East Forrest, SC 49174	West	11	2022-05-27 12:56:04	2022-05-27 12:56:04	
7	629955420	46466586E	47390	Darrell	Feil	patient	04475746D	84370	7192 Skiles Island Hackettville, VT 57769- 1755	West	2	2022-05-27 12:56:04	2022-05-27 12:56:04	
8	632015613	72487249B	26833	Isaiah	Turcotte	specialist	81491738P	12138	4468 Vickie Port Xanderburgh , TX 76785- 4882	South	7	2022-05-27 12:56:04	2022-05-27 12:56:04	
9	635577410	06502107M	33696	Maudie	Ritchie	patient	29936950A	38611	917 Kurtis Tunnel Apt. 024 Port Austenfurt, IA 02434	New	8	2022-05-27 12:56:04	2022-05-27 12:56:04	

## Methodology description

The methodology that we will use in our project will be **Agile**, we will implement agile through **SCRUM**, which is a project management framework that helps teams to work together and divide tasks in an appropriate way.

For use this methodology we will use the online tool **Jira-Conference** ( Atlassian ), for project task management, bug and issue tracking, and operational project management.

Teams in Space / Features

## Features

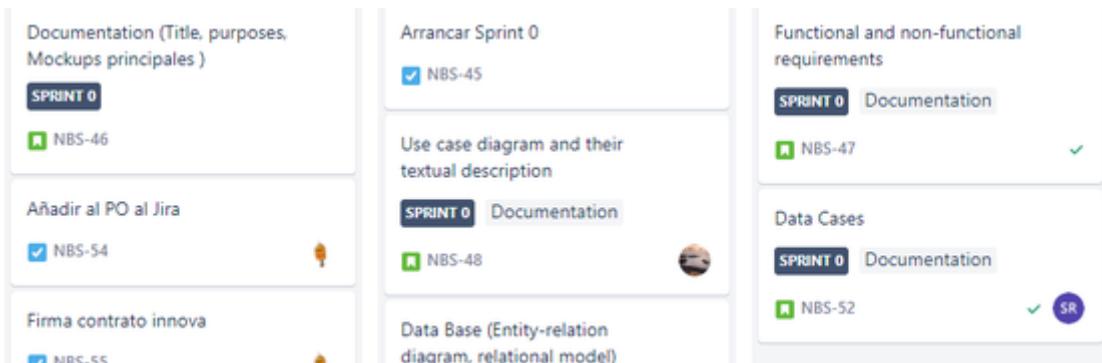
- Roadmap** Your roadmap is an optimized location to create and manage your epics.
- Backlog** Break-down and prioritize your team's work in a dedicated space.
- Sprints** Complete work in fixed units of time. Requires a backlog.
- Reports** Analyze and track your team's work by reporting on the project's activity.

The central core of the **SCRUM** work is the **Sprint**. It is a mini-project of no more than a month (very short execution cycles - between one and four weeks), whose objective is to achieve an increase in value in the product we are building. Every Sprint has a definition and planning that will help achieve the goals set.

Proyectos / NBSalut

## Sprint #0

Q	SR	Epic	Etiqueta	Tipo
TO DO / 6 INCIDENCIAS	IN PROGRESS / 4 INCIDENCIAS	DONE / 2 INCIDENCIAS		



In our case we will carry out four Sprints of 1 week each, the Sprint planning is explained and detailed [here](#).

## Project planning

Every Friday we will have a meeting to plan each sprint in more detail, the following content is only an **approximation** of what we plan to do:

### First Sprint ( 2 May - 6 May )

#### Entornos

- Create project structure
  - Angular
  - GitHub
  - Login View

### Second Sprint ( 6 May - 13 May )

- RF 01. Patient Management

### Third Sprint ( 13 May - 20 May )

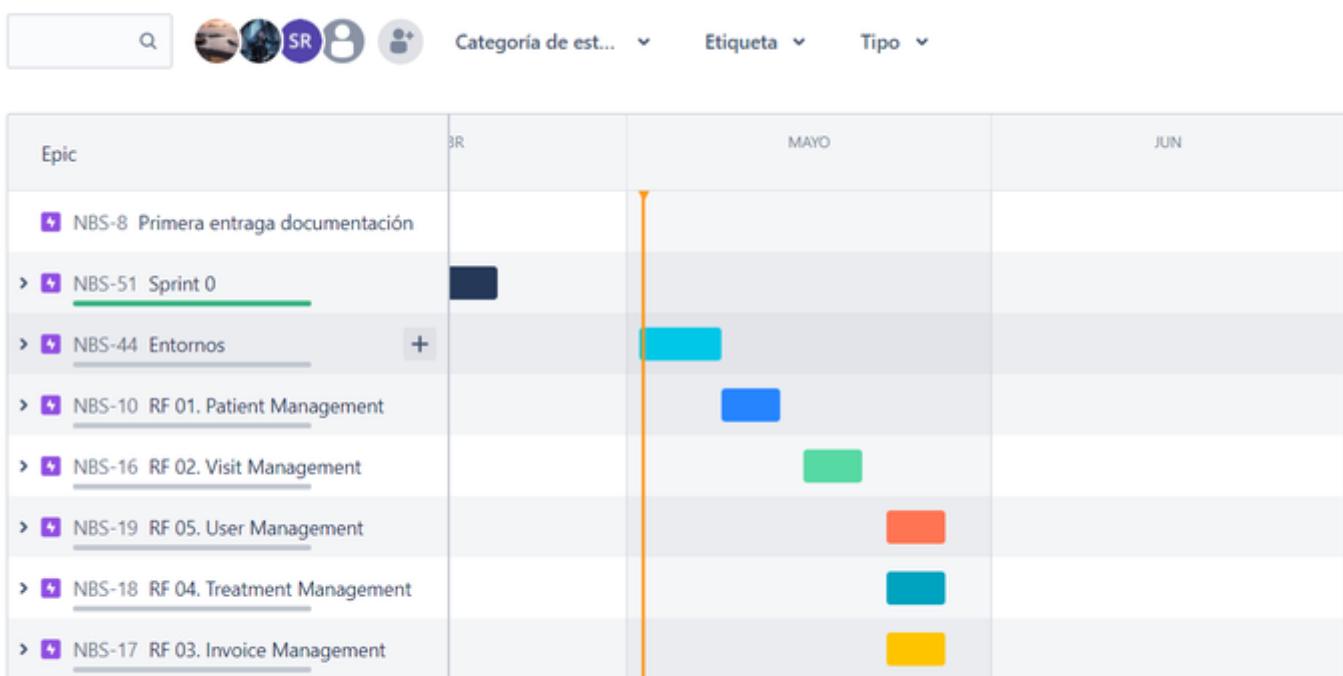
- RF 02. Visit Management

### Fourth Sprint ( 20 May - 27 May )

- RF 03. Invoice Management
- RF 04. Treatment Management
- RF 05. User Management

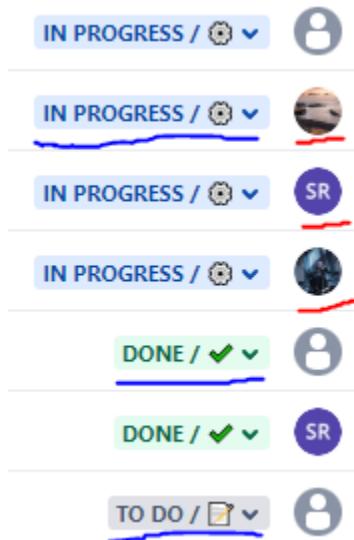
## Hoja de ruta

Enviar comentarios



The screenshot shows a Jira backlog board with several tasks listed:

- NBS-53 Team reunions
- + Crear Epic
- NBS-45 Arrancar Sprint 0
- NBS-48 Use case diagram and their textual description SPRINT 0
- NBS-49 Data Base (Entity-relation diagram, relational model) SPRINT 0
- NBS-50 Description of the methodology used and project planning (Agile or classic approaching: dates, tasks and resources) SPRINT 0
- NBS-47 Functional and non-functional requirements SPRINT 0
- NBS-52 Data Cases SPRINT 0
- NBS-46 Documentation (Title, purposes, Mockups principales) SPRINT 0
- NBS-54 Añadir al PO al Jira



-Blue: the state of the task.

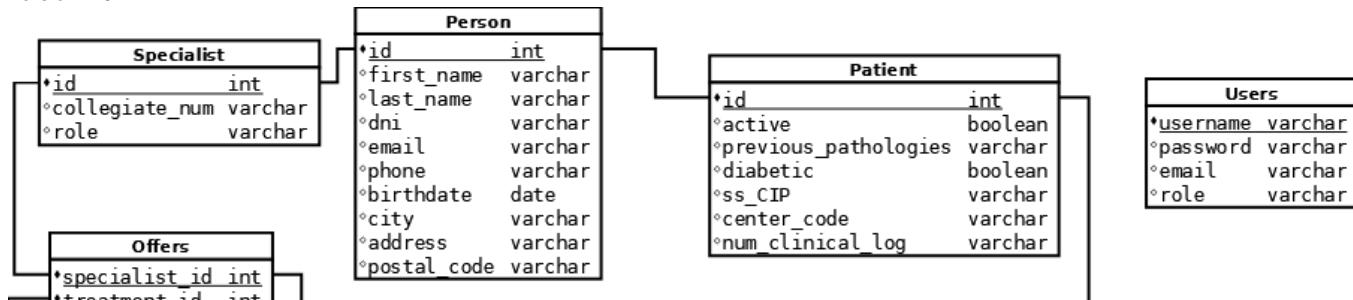
-Red: the worker assigned to the task.

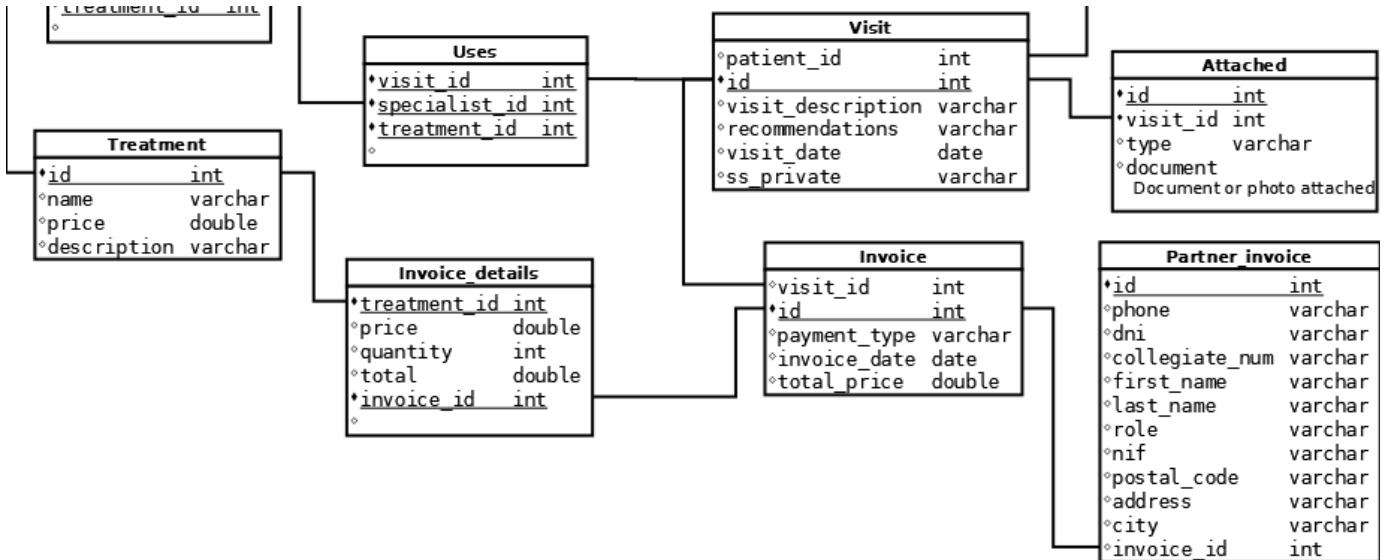
## Changes from initial planning & Improvements

Thursday May 12, 2022

Initially, we created the relational model with four tables (specialist and patient, which inherited from the person table. We also created the users table for the users credentials).

Version 1.0

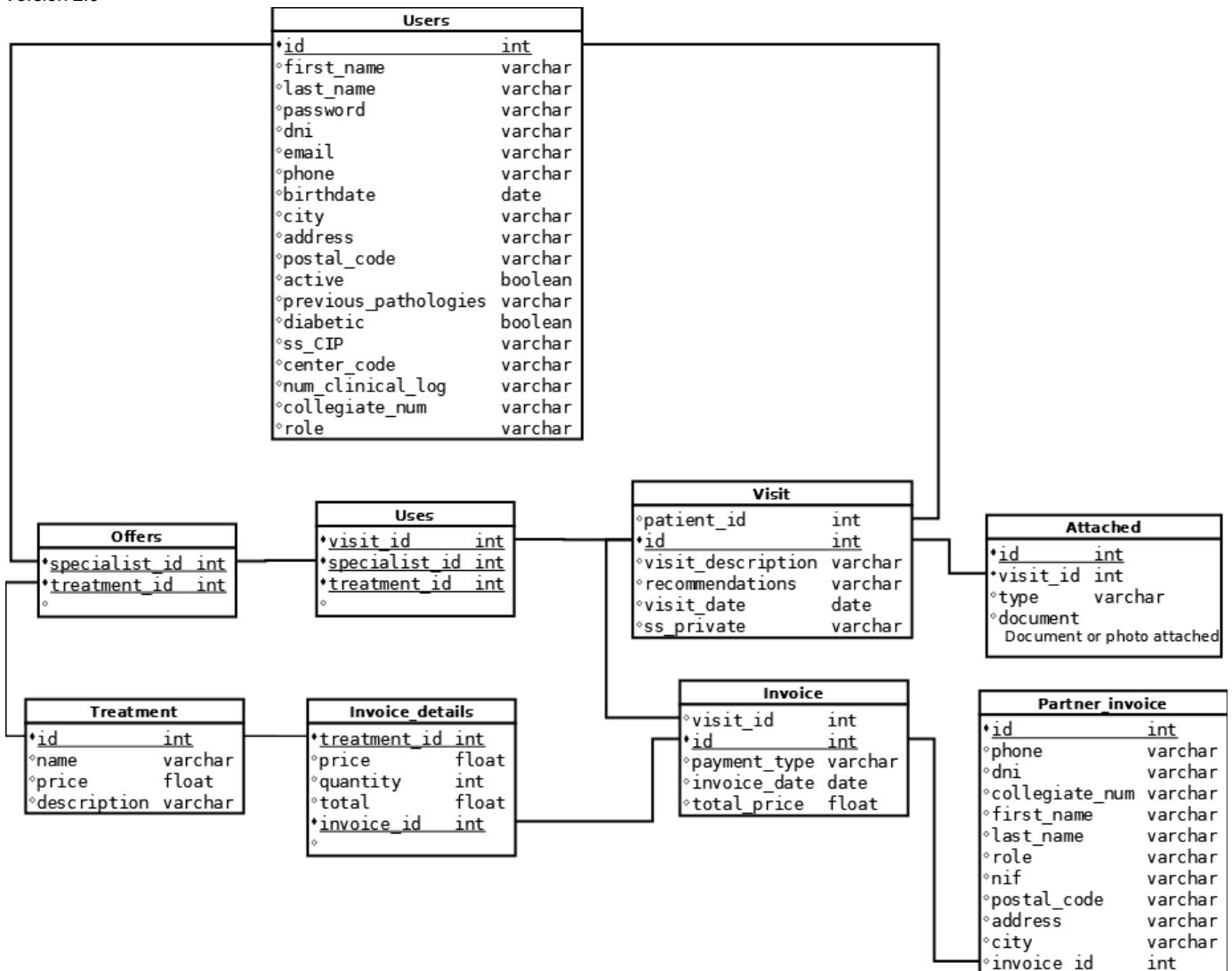




Finally, we put together all those four tables and we created the users table. In case a patient were added all the specialist fields would be null and vice versa. All the double type fields were changed to float. (Version 2.0)

Tuesday May 17, 2022

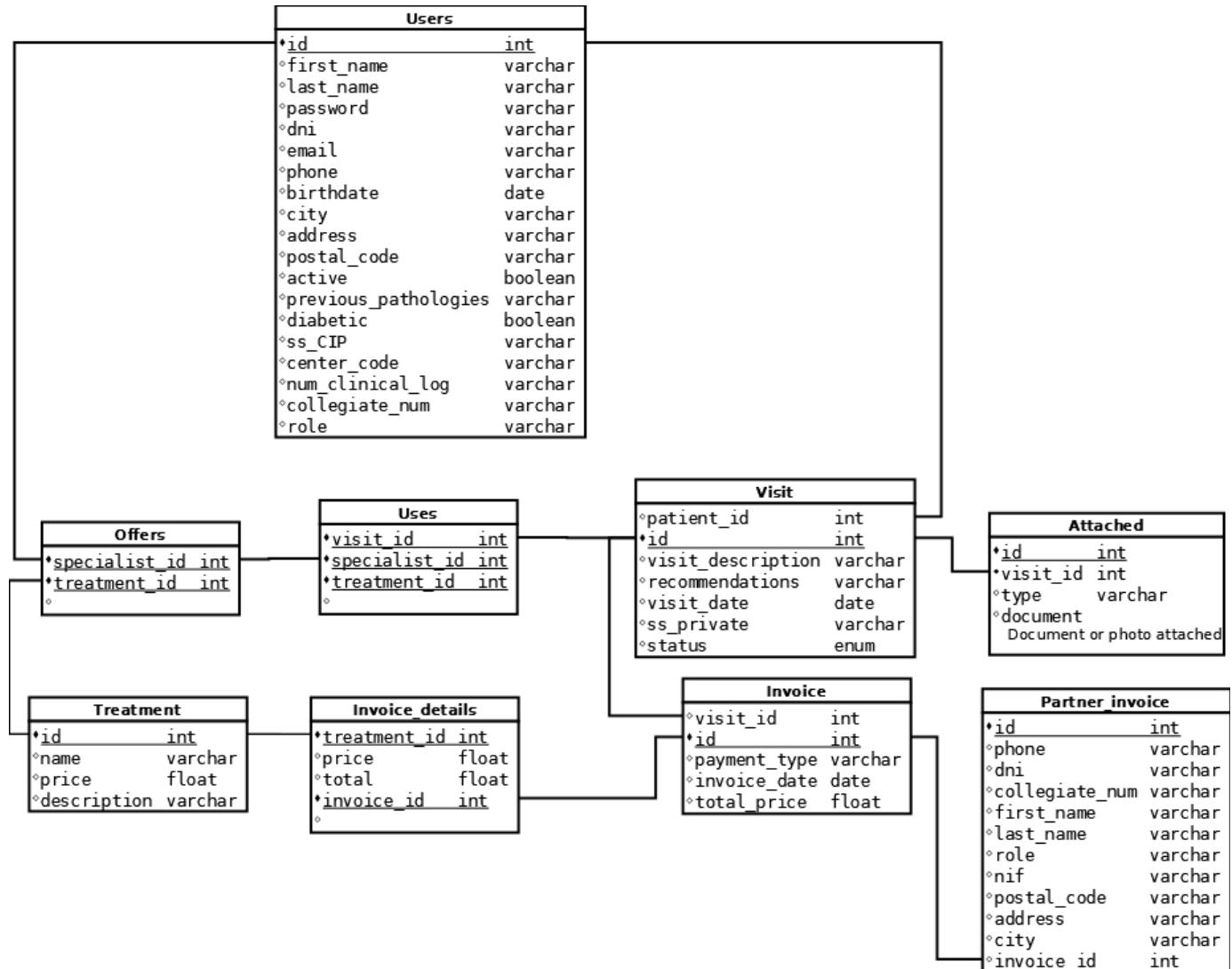
Version 2.0



On visits table we add a new column named status, specifies if the registered visit was sent, invoiced, saved.

On invoice details we remove column named quantity, because always in each visit the treatment selected is one.

Version 3.0

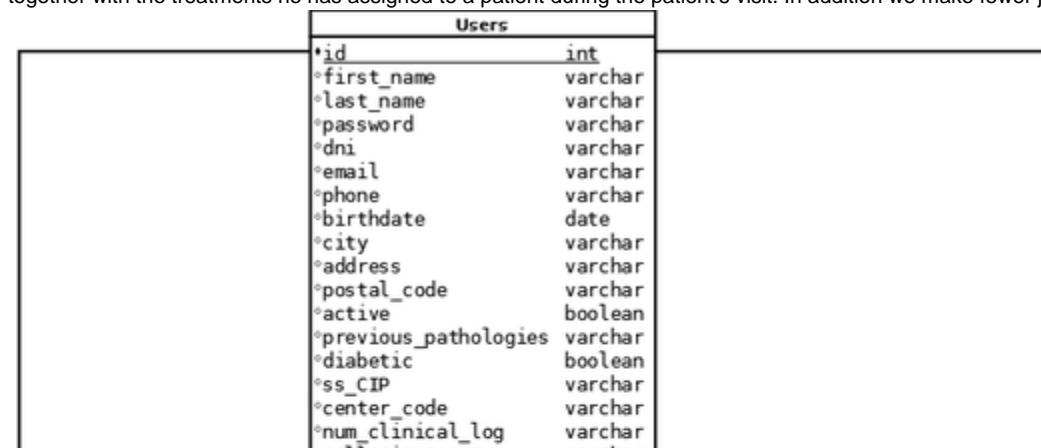


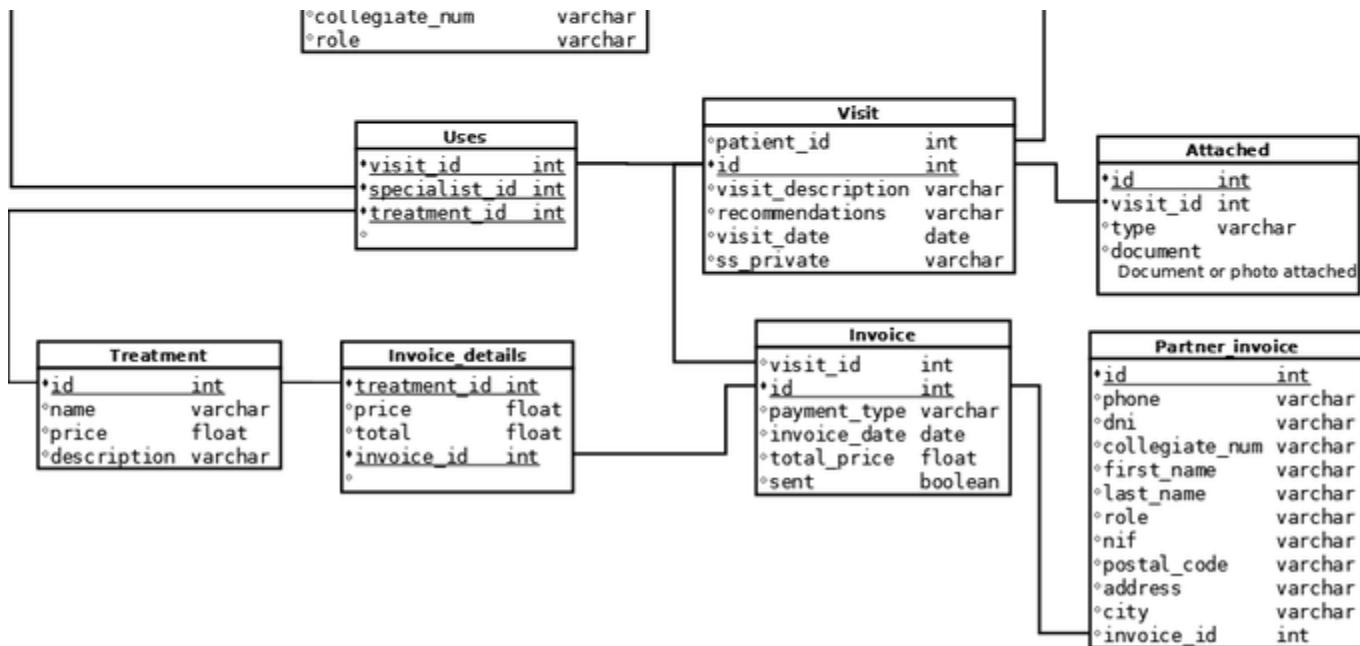
Thursday May 19, 2022

Version 4.0

At the beginning we had specialists related to treatments, from this relationship we had created a relationship that joined with the table visits.

We decided to delete this table because between user (specialist), treatment and visit a ternary relationship is created that stores the specialist together with the treatments he has assigned to a patient during the patient's visit. In addition we make fewer joins between tables.





**Thursday May 23, 2022**

Treatment is no longer related to invoice details because the name can be modified and consequently the results of the quarterly invoice would be affected.

**Tuesday May 24, 2022**

We realized that we cannot delete treatments and specialists because they are related to the uses table and this table is made up of 3 primary keys, they cannot be null. Adds “active” (boolean) field to treatments table and users with role specialist cannot be deleted, we can only delete patients or visits.

Due to the relations between different tables and their foreign keys we have had to change CRUD functionalities. Instead of deleting treatments or specialists, those will be only deactivate it in order to store their data.

Field num\_clinical\_log has been removed from the database due to conflicts with the id table. Laravel identified num\_clinical\_log as a primary key because it was autoincremental and one primary key is allowed. From now on, we will use the id to identify each patient's clinical number.

Field SS\_private has been removed from de database. For those patients that the center need to know if they will have 3 free visits (the diabetic ones), having their CIP number is enough to register their data and manage their visit.

**Tuesday May 25, 2022**

**Thursday May 26, 2022**

- We have a N:M relation between 3 tables (treatments, visits y user). If we want to get a visit with the assigned treatments, we will get as many visit registers as treatments were assigned. Because of that, if a patient's visits are checked, it will be shown in their register different rows with the same visit date. Because it will be referring to the same visit but with different treatments.
- From list patient's view we tried to redirect to register visit in order to get all patient's visits. We had some problems trying to reset patient's data. We have created a new component to store each patient visits, but finally we will use the list visits page to get this data by searching by patient's name. Due to those problems, details button from list patients table has been removed. That's why RF 02.02 Patient's Records requirement has been deleted.
- As an improvement in list visits table a modal could be created to show info from each visit.
- As an improvement in list patients table a new field can't be introduced this fields would be named last visit date. This fields would be used to filter by visit date.
- ON RF 01.02 we add new fields, on Rf 01.04 se han eliminado el campo de descripcion de visita.
- Initial ON Rf 03.02 was removes, because we save visits due on planning changes.
- Initiat 03.03 was removed because, is programmed automaticaly in order to specialist that is logged, eacha specialist is freelance that why assign.

## Diary Log

Sprints	JORDI	Sandra	David
			

Sprint 1   02/05/2022 - 06/05/2022	<p>Project and Daily log not started, due to UPC project it had to be finished that week plus exams.</p> <p>03/05 meeting not realized and 06/05 not realized due to festive day.</p> <p>We could update the user stories, plan the following sprint and recalculate the tasks to do.</p>		
Sprint 2   09/05/2022 - 13/05/2022	<ul style="list-style-type: none"> <li>The final project begins, during the week we talk to Jordi, to whom we explain the initial planning.</li> </ul> <p>As last Friday was a holiday, the first retrospective meeting is held with PO. The functional requirement to log in is shown, the requirement could not be finished, as the connection to the server was missing.</p> <ul style="list-style-type: none"> <li>Jordi's interests for sprint 2, is to prioritize the quarterly billing, for our part we show the provisional view of the billing page.</li> <li>The functional requirements are refined, scored together and we assign the requirements to each other.</li> <li>After finishing the retrospective meeting, we start with the project. For a few minutes we thought about how to split the tables to create the database.</li> </ul> <p>Once thought in my case all the users part, Sandra created the repositories on we uploaded the Laravel and Angular projects.</p>	<ul style="list-style-type: none"> <li>Git repository created</li> <li>Laravel project structure created</li> <li>Meeting with the Product Owner to show Login view and invoice mock ups. The main interest from the PO is to create the quarterly report from the invoices.</li> </ul> <p>In this meeting it has been planned the Sprint 2.</p>	<ul style="list-style-type: none"> <li>Git repository created</li> <li>Laravel project structure created</li> <li>Meeting with the Product Owner to show Login view and invoice mock ups. The main interest from the PO is to create the quarterly report from the invoices.</li> </ul> <p>In this meeting it has been planned the Sprint 2.</p>
	<ul style="list-style-type: none"> <li>The diary log page is created to record what we do every day during the project days.</li> <li>I start to create the users table, using laravel migrations, it helps us to create the table in an easier way instead of creating a sql script. We would waste time if we decided to opt for this way.</li> <li>Due to a m07 exam, the last 3 today are not dedicated to final project.</li> </ul>	<ul style="list-style-type: none"> <li>Create daily log and add what it has been done until now.</li> <li>Review notes for M07 exam (from 11:00 to 14:00 Laravel exam).</li> </ul> <p>Data Base creation started. Each person from the group will create the tables that have been assigned to them:</p> <ul style="list-style-type: none"> <li>Treatment</li> <li>Invoice details</li> <li>Invoice</li> <li>Partner invoice</li> </ul>	<ul style="list-style-type: none"> <li>Create daily log and add what it has been done until now.</li> <li>Review notes for M07 exam (from 11:00 to 14:00 Laravel exam).</li> <li>Data Base creation started. Each person from the group will create the tables that have been assigned to them:</li> <li>Visits</li> <li>Attacheds</li> <li>Uses</li> </ul>
	<ul style="list-style-type: none"> <li>I have created the user table, at first in the model relation this table was inheritance type, having users as a general table and then patients and specialists.</li> <li>I comment to my team that we can join the three tables into one, having all the fields. The advantage that it gives us is not to join the 3 tables in the future when making complex queries.</li> <li>After commenting it, I check that it is created correctly I go to phpmyadmin to see that the data type is the one I have put in the migration. I also use seeder to insert missing data, thanks to faker which is a library to generate data.</li> <li>I make a check to verify that the false data is inserted correctly.</li> <li>Finally I upload my changes to the repository and download the changes made by my team. Together we create the whole database according to an order of creation of tables.</li> </ul>	<ul style="list-style-type: none"> <li>Table migrations have been started. Migrations from partner_invoice, invoice, invoice_details and treatment table. (Laravel)</li> <li>We have some errors when we try to join all the tables. Some conflicts have been resolved, another ones still persist.</li> </ul>	<ul style="list-style-type: none"> <li>Create view of "Register visit".</li> <li>Create table visit, uses, &amp; attached in the database.</li> <li>Create the relations between the tables.</li> <li>Insert fake data to test the database.</li> </ul>
	<ul style="list-style-type: none"> <li>At this point the database is created according to the relational model previously made. It is our starting point, we do not rule out that there may be changes in relationships, fields or delete tables.</li> </ul>	<ul style="list-style-type: none"> <li>Seeding and factory conflicts from my tables in the DDBB solved. &lt;&gt;NBS-64: Create Data Base finished&gt;.</li> <li>Changes in the relational model have been documented.</li> </ul>	<ul style="list-style-type: none"> <li>Create controllers &amp; models to implement the functions.</li> <li>Do the form validations for "Register visit".</li> <li>Solve compatibility problems with GIT.</li> <li>Start with the development of Register Visit functionalities.</li> </ul>

	<ul style="list-style-type: none"> <li>Before creating the view, I create the visitor's controller, which will be in charge of accessing the database and through an api we will make the queries.</li> <li>I check that the requests of the controller access the database, thanks to postman I can make the queries more easily saving more testing time.</li> <li>In angular I create the invoices component, here I have designed the quarterly shipping design. Thanks bootstrap 5, it is a library that has components to use just copying and adapting. Instead of importing by cdn I decide to install it with the package system, this way we have bootstrap in local and we don't need cdn. For my functional requirement the ideal is a table with filters and buttons.</li> <li>Doing some research I found a library called datatables, DataTables is a plugin for the jQuery Javascript library. It is a highly flexible tool, built upon the foundations of progressive enhancement, that adds all of these advanced features to any HTML table. With this plugin I can incorporate functionalities such as Pagination, Instant search, Mobile friendly, filters and excel export.</li> <li>I install the library without any problem, I learn how to insert the json data in the table to display. For now I manage to insert the data and the extra functionalities work correctly. For now I manage to insert the data and the extra functionalities work correctly.</li> <li>I can't finish the quarterly invoicing requirement.</li> </ul>	<ul style="list-style-type: none"> <li>RF 01.01 Register Patient has been started.</li> <li>Solve problems when git repository is downloaded to local.</li> <li>Navbar created.</li> </ul>	
	<ul style="list-style-type: none"> <li>Second meeting with Jordi PO, we decided to show him the requirements established in this sprint. Before showing this week's, we show him the functional login, then the visit and patient view.</li> <li>When we show the new views we receive feedback from Jordi, who confirms us if he thinks they are good or if we have to change some elements of what we have shown. I showed Jordi my table with datatable, he liked it.</li> <li>We plan the next sprint 3, we create it, we assign the tasks, but before the tasks of the previous sprint we pass to this one, due to the lack of time we can't complete it.</li> <li>I continue with my quarterly shipment, this time applying the new changes said by jordi.</li> </ul>	<ul style="list-style-type: none"> <li>Meeting with the PO in order to show him what have we done up to now. (Functional login, register visit view and register patient view are shown).</li> <li>Working on the register patient functionalities</li> </ul>	<ul style="list-style-type: none"> <li>Meeting with the PO in order to show him what have we done up to now. (Functional login, register visit view and register patient view are shown).</li> <li>Working on the register visit functionalities.</li> </ul>
Sprint 3   16/05/2022 - 20/05/2022	<ul style="list-style-type: none"> <li>I change the fields to display in the billing table, it also involves changing the controller method, the fields to display are different now.</li> <li>Our client at the time of the retrospective, told us to incorporate a date range, so it will select the period of 3 months showing all invoices during that range.</li> <li>I start to investigate how to implement a date range that works with datatables, in the main page I read that there is this functionality, but it uses jquery, in theory there should be no problem in using jquery in the typescript. I follow the steps to implement this new filter.</li> </ul>	<ul style="list-style-type: none"> <li>Register patient finished</li> <li>List patients view and Edit patients view started.</li> </ul>	<ul style="list-style-type: none"> <li>Create a table with the previous visits of the patient in the form "Register visit".</li> <li>Create a selector to change the type of the patient validation.</li> <li>Create a form to check if the patient exist in the DDBB, if not then redirect to the "Register patient" form.</li> <li>Implement a checkbox in the form to validate if the billing will be done.</li> </ul>

	<ul style="list-style-type: none"> <li>For now I do not continue with the date range, I spend a lot of time and prefer to perform other functionalities.</li> <li>Adding the export button to excel works correctly, I had problems with importing the js and css needed and I also installed the styles for datatables to apply bootstrap 5 styles, it is implemented correctly, but the amount of importing has increased.</li> <li>I check that the exported excel is displayed correctly and the data matches the table.</li> </ul>	<ul style="list-style-type: none"> <li>List patients view and Edit patients view finished.</li> <li>List patients view and Edit patients functionalities started, some problems were found.</li> <li>Write updated documentation.</li> </ul>	<ul style="list-style-type: none"> <li>Register visit with the basic fields (Files field not implemented yet).</li> <li>Create component to list all the visits.</li> </ul>
	<ul style="list-style-type: none"> <li>Due to the joins between tables and the use of eloquent because before we were using more sql-like statements, the way to create the statements have to redo applying model.</li> <li>We realized that we have to add a new attribute in invoices to know if they have been sent or not, it implies making changes in the migrations and when generating new data.</li> <li>I retake the filter by dates, I realize that the difficulty of reloading the filtered data back to the table using the steps in the documentation are very complex to apply if it is not in an environment where no framework is used. The documentation that there is of angular with datatable is very scarce, the use of jquery in typescript begins to give me failures, as for example jquery does not find the variable declared in my typescript or I can not call functions made with jquery.</li> <li>I found a method of the table itself that reloaded the data, but it didn't work, the data doesn't get filtered, the table is empty but there are still data that are not seen.</li> </ul>	<ul style="list-style-type: none"> <li>Problems updating patient weren't solved, I continue trying to fix it and searching for solutions.</li> <li>Functionality delete patient started, CORS problem.</li> </ul>	<ul style="list-style-type: none"> <li>Add changes to the Visit controller and register visit with the other tables values.</li> <li>Fix errors in register visit.</li> <li>Implement the table of previous visits of that patient in register visit.</li> </ul>
	<ul style="list-style-type: none"> <li>Again we have to change the database, in this case delete a relationship.</li> <li>At the beginning we had specialists related to treatments, from this relation we had created a relation that joined with the table visits. We remove it because in the visit itself we can know what treatments a specialist does and also we save more joins between tables.</li> <li>This change has not been serious, it has not affected what we had done, there is no modification of sentences because of the elimination of the relationship.</li> </ul>	<ul style="list-style-type: none"> <li>Continue to fix problems from delete and update patient.</li> <li>Started to work on the list visits view</li> <li>Write diary log and update documentation.</li> </ul>	<ul style="list-style-type: none"> <li>Fix errors with the insert in the database of "Register visit" and optimize code.</li> <li>Insert visit with all the fields(without files input) into the database correctly.</li> </ul>
	<ul style="list-style-type: none"> <li>Third meeting with Jordi PO, during the meeting we showed the functionalities defined for this sprint, which are register patient, list all patients, register visits, list all visits and finally the quarterly billing.</li> <li>We clarified the new doubts arisen during this sprint, in my case Jordi told me that every invoice has to be assigned to the specialist and each one must be numbered following the following pattern: ##/YYYY.</li> <li>This does not have to be repeated and must follow the previous one and the following year it has to start from 1.</li> <li>This algorithm must be implemented, I was thinking to create a trigger that will perform this numbering when a new invoice is inserted, but due to the time and that the database manager is mysql not oracle implies to spend</li> </ul>	<ul style="list-style-type: none"> <li>Prepare the issues that are going to be addressed in today's meeting.</li> <li>10 a.m. Meeting with the PO. Functionalities and views that we have are shown to him and doubts are expressed.</li> <li>Arrange sprint 4.</li> </ul>	<ul style="list-style-type: none"> <li>Prepare the issues that are going to be addressed in today's meeting.</li> <li>10 a.m. Meeting with the PO. Functionalities and views that we have are shown to him and doubts are expressed.</li> <li>Arrange sprint 4.</li> </ul>

	<p>more time to know how it could be applied, option b is to do it from the invoice controller.</p> <ul style="list-style-type: none"> <li>After finishing the meeting, sprint 4 is created. all functional requirements are added to this sprint. We assign them to each other and start the next sprint.</li> </ul>		
Sprint 4   23/05/2022 - 27/05/2022	<ul style="list-style-type: none"> <li>Datatables is removed, I remove it from the project, it is not a good option even though it has good functionalities, it is very difficult to make customized filtering.</li> <li>In this case my option b is to make the table with custom filters, like the ones made in the class, luckily it is not so time consuming to make these filters, thanks to Sandra's example I can make filters without problems. I add search by name, surname, dni, invoiced or not invoices and the best by date range.</li> <li>Once I have all the functional table in the invoices controller I create a method to change its status to sent. From angular I send an array of invoice Id and with eloquent I get the invoice and update its status.</li> <li>Starts adding new components on menu that is like a dashboard view.</li> </ul>	<ul style="list-style-type: none"> <li>Register and modify worker functionalities created</li> <li>Bugs checked, still some errors to solve (form validations to check, birthday, email and unique fields).</li> <li>Problem updating user and showing the new data, need to refresh first. Has been solved.</li> </ul>	<ul style="list-style-type: none"> <li>Create "Create treatment" component.</li> <li>Form validations of the inputs of "Create treatment".</li> <li>Implement "Create treatment" with the database.</li> <li>Create "List treatments" component.</li> <li>Implement "List treatments" with database data.</li> <li>Create "Modify treatment" component.</li> <li>Form validations of the inputs of "Modify treatment".</li> <li>Implement "Modify treatment" with the DDBB.</li> </ul>
	<ul style="list-style-type: none"> <li>At this point we realized that we cannot delete treatments and specialists because they are related to the uses table and this table is made up of 3 primary keys, they cannot be null. Also treatment is no longer related to invoice details because the name can be modified and consequently the results of the quarterly invoice would be affected. For this reason we have chosen to enable or disable treatments and the same with specialist type users. Only patient or visit type users can be deleted.</li> <li>Once the selected invoices are marked as invoiced, I add status messages to the view so that the user is informed of the operation performed. For example, invoices marked correctly or invoices not marked.</li> </ul>	<ul style="list-style-type: none"> <li>List visit management updated. Data is stored in angular.</li> <li>Form validations checked from laravel and angular when it comes from unique fields.</li> </ul>	<ul style="list-style-type: none"> <li>Add status field in the treatment DDBB table.</li> <li>Update the treatment CRUD views style.</li> <li>Implement treatment disabling or enabling.</li> <li>Add filters to the "List treatments table".</li> </ul>
	<ul style="list-style-type: none"> <li>I create the query to be able to obtain the invoice, this returns me the necessary data to introduce them in the fields of the template of the invoice.</li> <li>My idea is to create another component, we will access through a link in the list of invoices, called view invoice.</li> <li>Investigate about how to save the page in pdf, I find this library jsPDF, A library to generate PDFs in JavaScript. In this case we will install it in typescript.</li> <li>For now I can't get it to capture the image, but it works.</li> <li>At this point we thought that there are certain features that will not be finished, between not having time and changes to put in confluence we decided to leave them and then start redocumenting everything we had.</li> </ul>	<ul style="list-style-type: none"> <li>List workers view and List patients view changed. Add button has been implemented as well as its routing to register users.</li> <li>List Visit Management view has been changed, new fields implemented.</li> <li>Colleague number, dni and email have changed their laravel validations when register and modify forms are sent with their data.</li> <li>Function addPatient changed to addWorker (different one is created for worker).</li> <li>Date format from dates included in forms have been changed to 'dd/MM/yyyy'</li> <li>Dates in listVisit have been orderBy DESC.</li> <li>Filter by date in listVisit done</li> </ul>	<ul style="list-style-type: none"> <li>Fix errors and finish treatment functionalities.</li> <li>Add a files input in "Register visit" and implement the frontend part to upload a image.</li> </ul>
	<ul style="list-style-type: none"> <li>I manage to generate the invoice correctly, all the fields are displayed</li> </ul>	<ul style="list-style-type: none"> <li>Function to get maximum clinical log has been changed in order to get id and sum 1 in a new register.</li> </ul>	<ul style="list-style-type: none"> <li>Update the database table "attacheds" changing the field "document" to "image".</li> </ul>

	<p>and the pdf format is downloaded correctly, there are no errors in the process.</p> <ul style="list-style-type: none"> <li>Realizing that both invoices need almost the same fields, I also create receipts so that these can also be downloaded by the specialists.</li> <li>Now both buttons are in the quarterly invoice list and ready to be used.</li> <li>We did not realize that deactivated patients, admins or specialists could still be used on the intranet, this bug is fixed. For example, you cannot register a visit from a deactivated user.</li> <li>We start uploading the project to the proven apps server, first we upload laravel acting as rest api. When accessing from the navigation path putting /api/listPatients the requests work, for now there are no problems.</li> </ul>	<ul style="list-style-type: none"> <li>Due to problems to redirect pages, a new component is created to lists all visits from a patient. Finally this component will be deleted and list visits will be used to check all patient's visits.</li> </ul>	<ul style="list-style-type: none"> <li>Implement "register visit" upload image backend part.</li> <li>Fix errors "register visit" upload image frontend part.</li> <li>Save the images data into the database.</li> <li>Save the images into the server storage.</li> </ul>
	<ul style="list-style-type: none"> <li>We compile the angular project and copy it into the public folder of laravel, indicating that the path from where it starts is ./ otherwise there are path failures.</li> <li>At the moment it works correctly, we can access the page from the server, we perform data collection checks, such as listing patients, the information arrives.</li> <li>The PUT requests are blocked inside the proven apps server, we decided to change them to POST, we did not investigate why, but when we changed it to POST it worked. We tested the other requests and there were no problems.</li> <li>We didn't manage to navigate through the routes, if we put home it didn't find the page. We tried to edit the .htaccess file without success. The way to navigate the web will be through the intranet itself.</li> <li>Due to the previous problems, the generation of the invoice and receipt does not work, because I am redirecting to another page and laravel does not find it.</li> </ul> <p>My option is that both invoices will be generated in the quarterly invoice view, so the problem is solved by being able to download them.</p>	<ul style="list-style-type: none"> <li>password can be modified</li> <li>visit can be deleted (button added + functionality)</li> </ul>	<ul style="list-style-type: none"> <li>Implement "list images" getting the images of the patient selected and displaying into its personal file.</li> <li>Use the database to recover the patient images and show it in its personal file.</li> <li>Update the routes to work correctly from the web server.</li> <li>Upgrade the views general style.</li> </ul>
PERSONAL CONCLUSION	<ul style="list-style-type: none"> <li>I think that despite not having had 1 more week, because it was lost due to the other UPC project, the project has gone well.</li> <li>Personally I thank <a href="#">@ Sandra Herreras Rodríguez</a> and <a href="#">@ David Rodríguez</a> for being part of this team, and that they have contributed with their knowledge and all their effort to achieve what we have.</li> <li>During all the course of the project we have been helping each other, commenting the improvements that we could improve in our codes and that these were more efficient or better also in the part of design each one commented on how we could design it and what things we could do.</li> </ul>	<ul style="list-style-type: none"> <li>Most of the requirements were achieved although, we needed more time to check it all.</li> </ul>	<ul style="list-style-type: none"> <li>This project has helped me a lot to improve my knowledge in subjects that I did not control too much.</li> <li>I have learned how to organize myself with a work team and help each other.</li> <li>Despite having been short of time for having started a week later and having to adapt to a new work methodology, we have carried out most of the ideas and functionalities that we had thought for the website.</li> <li>And thanks to my colleagues <a href="#">@ Jordi Rocha</a> and <a href="#">@ Sandra Herreras Rodríguez</a> for having such a good work dynamic.</li> </ul>
TEAM CONCLUSION	<p>Well we have gone for the part Innova Project, in which a real company in this case <b>NBSalut</b> needs a software to facilitate the management that they did manually, but embodied in a program with which they can perform all the necessities they need.</p> <p>On the other hand, during the project we have applied scrum methodology to manage the project, during the development of each sprint we showed functional parts of the intranet.</p>		

This has been the first time using SCRUM, we have had our pros and cons, but as a starting point and for next time we will apply it in a better way.

## Final code and executable

APPS Proven: [https://apps.proven.cat/~DAW212203/NBSalut\\_project/public/nbsalut-project-angular](https://apps.proven.cat/~DAW212203/NBSalut_project/public/nbsalut-project-angular)

role specialist: [antoinette90@example.com](mailto:antoinette90@example.com) password: password

role admin: [david@gmail.com](mailto:david@gmail.com) password: password

Repository: [Sandra-Herrerias/NBSalut \(github.com\)](https://github.com/Sandra-Herrerias/NBSalut)

## Installation Guide

guide to be able to execute our project correctly without errors

The first thing to do is to download Xampp version 8.1.6 with PHP version 8.1.6.

Download the Composer which is our A Dependency Manager for PHP.

Then download the runtime environment for javascript Node js, version 16.15.0 LTS.

Install Angular CLI.

We recommend downloading git to do the cloning, but it would not be necessary.

Now we download the project which includes both the server and the client.

In the git clone console <https://github.com/Sandra-Herrerias/NBSalut>

Now enter NBSalut\_project which is our laravel and enter:

composer install

Once finished installing the dependencies, we will import the sql script to have database in this case we give it, but laravel could create it. Later we will explain.

We activate apache and mysql from XAMPP.

We enter phpmyadmin, create a database called nbsalut and import the sql script.

You can simply create the database.

We go back to the .env file, configure the following lines:

APP\_URL=<http://localhost>

DB\_DATABASE=nbsalut

DB\_USERNAME=root

DB\_PASSWORD=

In our case we use the default mysql user. and the database is the one created before.

We would already have functional the api part with laravel, now it's time to configure Angular.

If you have not imported the database, you can run the following command to create the database, it will also create fake data.  
php artisan migrate:fresh --seed

We enter NBSalut\_project-angular, open a console and enter.

npm install

This will install all the dependencies of the project, when it has finished we will execute the following command:

ng serve -o

This will load our project in development mode opening a new window.

Now everything is installed and configured to be able to start the project and continue programming.

We must modify the service file of the angular project, which its requests point to the proven apps server, we must do the following:

Replace

[https://apps.proven.cat/~DAW212203/NBSalut\\_project/public](https://apps.proven.cat/~DAW212203/NBSalut_project/public)

For this

<http://127.0.0.1:8000/api>

All passwords are: password when login.