

Device Manager App

Implementation of web application

Hemos diseñado e implementado una aplicación que gestionará el personal, las entregas y los dispositivos informáticos de una empresa.

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ASIX



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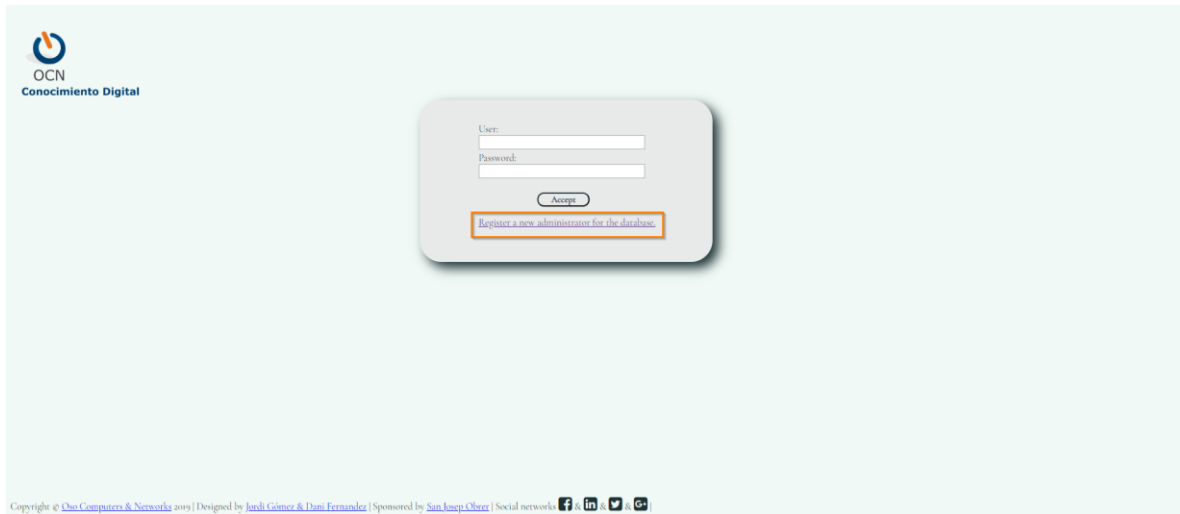
INTRODUCTION

Device Manager is an application that manages the computer deliveries of a company, in this case a school that is where one of the members of the group works. This application, apart from computer deliveries, will register all devices, or hardware, and personnel.

GITHUB

Here you can see and download all the code of the application: <https://github.com/jordiPE/ProyectoPHP>

DEVICEMANAGER



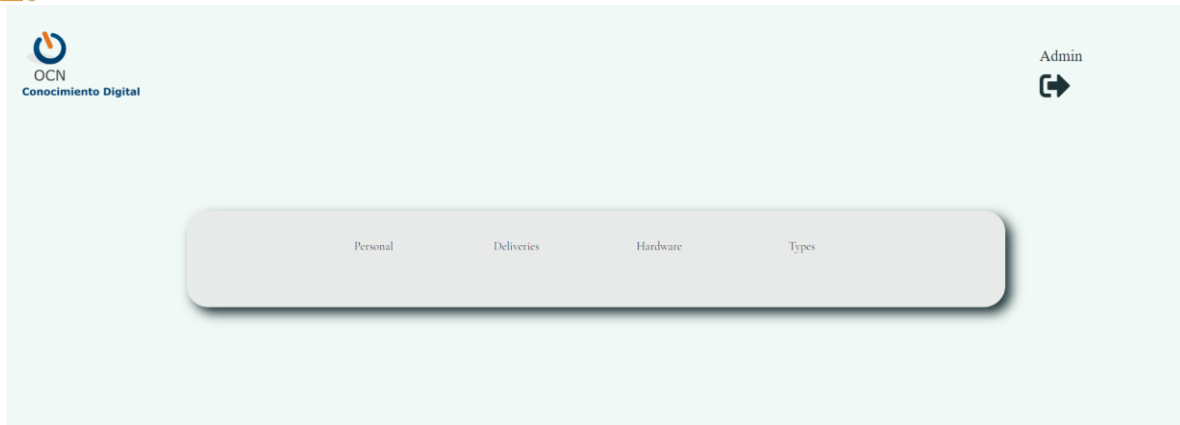
We have the main screen, where we will login to access the application, this application is initially designed only for administrators of the center's system. We can see that we have added a link to register users, it may not make much sense, but in the future if we want the administration staff to be able to manage the application, some permissions can be programmed to create users. It is also a way to implement what is seen in class. Para entrar puede entrar con las siguientes credenciales:

User: Admin.

Password: Seg123

You can also create a new user.





Once inside the application we can move around the 4 pages it has. In the first, we will manage the center's staff. In the second we will manage the delivery of the equipment, in the third we manage the computer equipment of the center and finally, in the last screen we manage the types of devices that the center has.

Registered Staff

Home Page		Register Staff			
Edit	Delete	Full Name	Phone	Departament	Observations
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Pedro Sanchez Moreno	678923456	Profesor	Educación Primaria. Entra en sustitución de Natalia Pastor.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mamdo Arias	678534271	Profesor	Educación Infantil.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Natalia Pastor	693590924	Profesor	Educación Primaria. (baja, 4 meses aprox.)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	José Pérez	679543289	Administración	Recepción.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Sonia Molina	678546982	Profesor	Educación Secundaria
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Patricia Hernández	654321232	Dirección	Directora del centro. Profesora de Bachillerato
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Luis Munos	678987654	Informática	Encargado de soporte del centro.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Alvaro Gonzalez	678342134	Informática	Encargado incidencias informaticas
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Tomeu Mes	678543363	Mantenimiento	Encargado de mantenimientos.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Josefa Alomar	678342356	Profesor	Educación Secundaria

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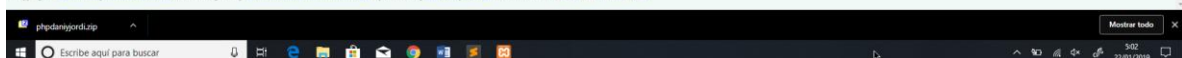
In the main page of the personnel, all the personnel of the center will be listed with a series of information of each one of them.

We have two tabs for registered personnel where you can edit a record of an employee or delete it, the users will be shown ten by ten, with an option below where we can go through the pages.

Registered Staff

Home Page		Register Staff			
Edit	Delete	Full Name	Phone	Departament	Observations
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Pedro Sanchez Moreno	678923456	Profesor	Educación Primaria. Entra en sustitución de Natalia Pastor.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mamdo Arias	678534271	Profesor	Educación Infantil.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Natalia Pastor	693590924	Profesor	Educación Primaria. (baja, 4 meses aprox.)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	José Pérez	679543289	Administración	Recepción.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Sonia Molina	678546982	Profesor	Educación Secundaria
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Patricia Hernández	654321232	Dirección	Directora del centro. Profesora de Bachillerato
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Luis Munos	678987654	Informática	Encargado de soporte del centro.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Alvaro Gonzalez	678342134	Informática	Encargado incidencias informaticas
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Tomeu Mes	678543363	Mantenimiento	Encargado de mantenimientos.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Josefa Alomar	678342356	Profesor	Educación Secundaria

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Edit Staff

Home Page

Registered Staff

Full Name:

Pedro Sanchez Moreno

Username:

psanchez123

Password:

123456789

Education:

Educación Primaria. Enra en sustitución de Natalia Páez.

Edit

If we choose the edit option, the registration form will appear, but with the difference that we will have the fields initially filled out.

Delete Staff

Name: Pedro Sanchez Moreno

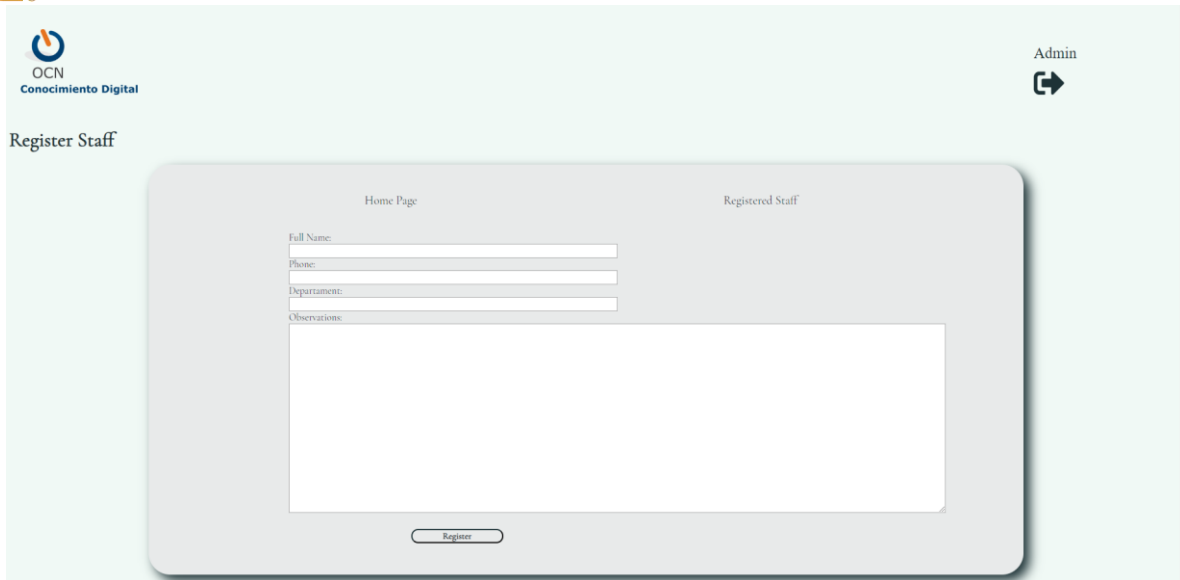
Are you sure you want to delete this staff?

☒ Yes
 ☐ No

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On the other hand, if we choose the option to delete, the application will ask us if we are safe if we want to execute that action, we will have to check whether or not to continue.

This format will have the entire application.



In the register tab we find a form to add new personnel, the format is as follows: Full Name: varChar(40)

Pedro Sanchez Moreno	678923456	Profesor	Educación Primaria. Entra en sustitución de Natalia Pastor.
Manolo Arias	678534271	Profesor	Educación Infantil.

The input format to be entered in the fields should be as similar to the one presented in the example, since all the inputs with regular expressions have been protected for information that we enter is the most accurate to the type of data that we have selected in the database.

The latter may be unnecessary since the application will be used by administrators, but if, as we have said in the future, other users are given access, we will have the most protected application.

The rest of the pages are designed in the same way.

Registered Deliveries

Home Page				Register Deliveries						
Edit	Delete	Personal ID	Hardware ID	Full Name	Observations	Date Of Delivery	Delivery Status	Return Date	Return Status	Departament
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	3	Pedro Sanchez Moreno	Profesor sustituto.	2009-01-22	Se le da un iPad nuevo de 6 generaci3n	0000-00-00		Educaci3n Primaria
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4	1	Jos3 P3rez	Cambio de pc, rotura de discos.	2009-01-22	Pc nuevo, serial number AB12145678	0000-00-00		Administraci3n
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	3	Josefa Alomar	Cambio de Ipad.	2009-01-16	Ipad 6 generaci3n	0000-00-00		Educaci3n Secundaria

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In the main page of the deliveries, all the deliveries that will be made by the IT department of the center in relation to the available hardware will be listed.

We have two tabs for registered deliveries where you can edit a record of an employee or delete it.

Registered Deliveries

Home Page				Register Deliveries						
Edit	Delete	Personal ID	Hardware ID	Full Name	Observations	Date Of Delivery	Delivery Status	Return Date	Return Status	Departament
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	3	Pedro Sanchez Moreno	Profesor sustituto.	2009-01-22	Se le da un iPad nuevo de 6 generaci3n	0000-00-00		Educaci3n Primaria
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4	1	Jos3 P3rez	Cambio de pc, rotura de discos.	2009-01-22	Pc nuevo, serial number AB12145678	0000-00-00		Administraci3n
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	3	Josefa Alomar	Cambio de Ipad.	2009-01-16	Ipad 6 generaci3n	0000-00-00		Educaci3n Secundaria

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We can see that in this capture does not appear the option of turning the page, that is because it is programmed to appear when there are more than ten records.

Register Deliveries

In the section to register the delivery we have your form to fill in the fields. Persona Id: Una lista con todas las id del personal registrado.

Registered Deliveries

Edit	Delete	Personal ID	Hardware ID	Full Name	Observations	Date Of Delivery	Delivery Status	Return Date	Return Status	Departament
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	3	Pedro Sanchez Moreno	Profesor sustituto.	2019-01-22	Se le da un iPad nuevo de 6 generacion	0000-00-00		Educación Primaria
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4	1	José Pérez	Cambio de pc, rotura de discos.	2019-01-22	Pc nuevo, serial number AB1214978	0000-00-00		Administración
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	3	Josefa Alomar	Cambio de Ipad.	2019-01-16	Ipad 6 generacion	0000-00-00		Educación Secundaria

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Again, we must ensure that the information we enter is as close as possible to what is shown in the image.

Staff ID:

Hardware ID:

In the fields Hardware Id and Staff Id, we have added a select tag where the records we have in the database will appear.

Registered Deliveries

Home Page				Register Deliveries						
Edit	Delete	Personal ID	Hardware ID	Full Name	Observations	Date Of Delivery	Delivery Status	Return Date	Return Status	Department
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	3	Pedro Sanchez Moreno	Profesor sustituto.	2019-01-22	Se le da un iPad nuevo de 6 generaci3n	0000-00-00		Educaci3n Primaria
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4	1	Jos3 P3rez	Cambio de pc, rotura de discos.	2019-01-22	Pc nuevo, serial number AB2249578	0000-00-00		Administraci3n
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	3	Jos3f3 Alomar	Cambio de iPad.	2019-01-16	IPad 6 generaci3n	0000-00-00		Educaci3n Secundaria

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Something that we have not mentioned before, is that we can move through the different pages of the application through the navigation menu that we have cast on top of the form.

Registered Hardware

Home Page				Register Hardware					
Edit	Delete	Type ID	Number On Label	Description	Registration Date	Serial Number	Model	Departament	Observations
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	ORD-001	Pc sobre mesa, sólo torre	2019-01-21	AB12145678	H220199	Primaria	Se cambia pc de aula por averia.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	BTN-001	iPad 6 generación	2019-01-22	FRT45TUI178	6 generacion	Almacén	Ipad nuevo, se configurar para utilizar como botiquin
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	BTN-002	iPad 6 generación	2019-01-22	F123ATW349	6 generacion	Almacén	Ipad nuevo, se configurar para utilizar como botiquin
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	PTL-001	Portatil Lenovo	2019-01-22	FT7901B45	H220199	Dirección	Portatil para directora.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4	ATV-001	apple Tv 3	2019-01-22	G57U1NR691	3 generacion	almacen	apple Tv nuevo, permanece en stock.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	IPD-001	iPad 5 generación	2019-01-22	F60B871TGF	5 generacion	Primaria	iPad para profesor, permanece en almacén.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	ORD-003	Pc sobremesa, sólo torre.	2018-12-06	FG46578TFG	Axios 1654	Secundaria	Pc para la aula de 2º de Eso
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	ORD-003	Pc sobremesa, sólo torre.	2018-07-05	FI12866TYE7	Axios 1654	Primaria	Pc configurado para el aula de 4º de primaria
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	ORD-004	Pc sobremesa, sólo torre.	2018-08-11	F689KGNB69	Axios 1654	Bachillerato	Pc configurado para el aula 12, edificio de bachillerato
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	BTN-003	iPad nuevo.	2019-01-04	F987YHFB56	6 generacion	Almacén	Preparado para utilizar de botiquin.

From here the application is the same as what we have been explaining previously. We see in the image the list of available hardware

Register Hardware

Home Page

Type ID:
Select a Type ID

Number On Label:

Serial Number:

Description:

Registered Deliveries

Registration Date:

Model:

Departament:

Observations:

Register

The input format will conform to what we show below


Type ID	Number On Label	Description	Registration Date	Serial Number	Model	Departament	Observations
1	ORD-001	Pc sobre mesa, sólo torre	2019-01-21	AB12145678	H220199	Primaria	Se cambia pc de aula por averia.
3	BTN-001	iPad 6 generación	2019-01-22	FRT45TUI178	6 generacion	Almacén	Ipad nuevo, se configurar para utilizar como botiquin

The fields such as serial number, model we have guided in those that are used normally when making the regular expression. The number on the label is based on the one the company will use to locate it, an example would be ORD-001.

Registered Types

Home Page		Register Types		
Edit	Delete	Type ID	Description	Acronym
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	Te sobre mesa, solo torre.	ORD
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	Monitor ASUS 19x01	MTR
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	iPad 6ª generacion, se utiliza para profesores.	IPD
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4	apple Tv 3	ATV
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	Ratón PS/2	RTN
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	Teclado PS/2	TCO
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7	Proyector Epson, compatible lápiz digital.	PYR
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8	Proyector Epson, no compatible lápiz digital	PYR
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	Ratón USB logitech	RTN
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	Teclado USB logitech	TCO

Finally we show the page of the registry types, where we find information about the different types of hardware with which the company will work.


Admin

Register Types

Home Page

Registered Types

Acronym:
Description:

The input format of the fields, as always fitting the example we give.

SOCIAL NETWORKS

To publicize our application we have chosen twitter, where we can publish news of improvements we make in our app, or upload documents like this, in help mode to use it or tutorial videos.

https://twitter.com/manager_device?s=08

TEST ENVIRONMENT

Possibly at this point is where we have had more problems. We have tried a couple of pages of free hosting for websites, but we have not finished going well. So we ended up using cloud9, since a colleague told us that he had used it and it went well.

Once we uploaded our website to cloud9, we started to fill in the records and we were able to debug some code errors or in the regular expressions that we had done in the beginning.

Fixed all the dogs we upload to our github the definitive version of our app, where the first version will also be seen.

<https://phpdaniyjordi-jordigomez.c9users.io/Admin/login.php>

LOGO

We have used the Logo of the company, of one of our group members, since the application we have designed we have based on improving the application they use.



OCN

Conocimiento Digital

DISTRIBUTION OF TASK

We have distributed the tasks so that the two participants of the group played a bit of everything. At the time of making the application we have been guided in the examples of Larry Ullman that we have seen in class.

Jordi Gómez has been in charge of creating the social network where we are going to make our app known, he also took care of the documentation that was presented at the beginning of the practice. Has created the user of cloud9 and to implement the database on the page.

Daniel Fernández has been in charge of designing the Database, of all the final documentation of the project and the design of the graphic environment of the application.

The two members of the group have participated in the implementation of the PHP, HTML and CSS code.

PERSONAL OPINION

We do not believe that it will be a job of ten, because we have lacked time since we have had problems with another subject and that has affected the final result. But we believe that we comply with almost all the requirements that are requested in the rubric.

We have tested the application and we have corrected errors, that does not mean that due to the lack of time that we have commented there will be no more.

Where we have lost a lot of time has also been when it comes to finding a hosting, since everyone we have registered has not been able to use them. In the end we used cloud9 which was not our main idea.

In short, although the app has not been as expected from the beginning we think it is a pretty good app and good use, and fulfilling what we were asked.