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| **Model Report**  Diagrama de despliegue  Version 1.0 ● Proposed |
| |  | | --- | |  | | Date/Time Generated: | 28/05/2019 10:05:23 a. m. | | Author: | vix |   EA Repository : C:\Users\vix\iCloudDrive\Enterprice\HCE.eap |
| |  |  | | --- | --- | | **CREATED WITH** |  | |

# **D****iagrama de despliegue**

*Package in package 'Model'*

Diagrama de despliegue

Version 1.0 Phase 1.0 Proposed

vix created on 10/04/2019. Last modified 10/04/2019

## **Diagrama de despliegue diagram**

*Deployment diagram in package 'Diagrama de despliegue'*

Diagrama de despliegue

Version 1.0

vix created on 10/04/2019. Last modified 11/04/2019



Diagrama de despliegue

## **Dispositivos moviles**

*Node in package 'Diagrama de despliegue'*

Se puede utilizar cualquier dispositivo mobil, ya sea un smartphone, tablet o iPad, para acceder al sitio web.

Dispositivos moviles

Version 1.0 Phase 1.0 Proposed

vix created on 10/04/2019. Last modified 10/04/2019

| **ELEMENTS OWNED BY Dispositivos moviles** |
| --- |
| IOS/Androide : Component |

### **IOS/Androide**

*Component owned by 'Dispositivos moviles', in package 'Diagrama de despliegue'*

Android e iOS son los sistemas operativos que actualmente predominan en los diferentes dispositivos mobiles como smartphone's, tablet's o iPad's

IOS/Androide

Version 1.0 Phase 1.0 Proposed

vix created on 10/04/2019. Last modified 10/04/2019

| **ELEMENTS OWNED BY IOS/Androide** |
| --- |
| Navegador : Component |

#### ***Navegador***

*Component owned by 'IOS/Androide', in package 'Diagrama de despliegue'*

El navegador que predomina en el sistema operativo Android es Google Chrome y para dispositivos con sistema operativo iOS es el navegador Safari. Cabe mensionar que desde Mozilla Firefox para dispositivos mobiles tambien es posible acceder.

Navegador

Version 1.0 Phase 1.0 Proposed

vix created on 10/04/2019. Last modified 11/04/2019

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified)  Conexción HTTPS/HTTP | |
| Source: Public (Component) Navegador | Target: Public (Component) Apache |

## **PC**

*Node «computer» in package 'Diagrama de despliegue'*

Pc de escritorio, requisitos minimos:

-2GB de RAM

-80GB de Disco duro

-Conexión a internet

PC

Version 1.0 Phase 1.0 Proposed

vix created on 10/04/2019. Last modified 10/04/2019

| **ELEMENTS OWNED BY PC** |
| --- |
| Navegador : Component «computer» |

|  |
| --- |
| SO : Component «computer» |

### **Navegador**

*Component owned by 'PC', in package 'Diagrama de despliegue'*

Se puede utilizar cualquier navegador web (Mozilla Firefox, Chrome, Safari, Microsoft Edge) la pruebas de funcionamineto se realizaron en Firefox y Safari.

Navegador

Version 1.0 Phase 1.0 Proposed

vix created on 10/04/2019. Last modified 10/04/2019

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified)  Conexción HTTPS/HTTP | |
| Source: Public (Component) Navegador | Target: Public (Component) Apache |

### **SO**

*Component owned by 'PC', in package 'Diagrama de despliegue'*

Sistema Operatimo multiplataforma (Windows, GNU/Linux, macOS, BSD)

SO

Version 1.0 Phase 1.0 Proposed

vix created on 10/04/2019. Last modified 10/04/2019

## **Servidor BD**

*Node «server» in package 'Diagrama de despliegue'*

Servidor BD

Version 1.0 Phase 1.0 Proposed

vix created on 11/04/2019. Last modified 11/04/2019

| **ELEMENTS OWNED BY Servidor BD** |
| --- |
| MySQL : Component «server» |

### **MySQL**

*Component owned by 'Servidor BD', in package 'Diagrama de despliegue'*

El servidor de base de datos utilizados en el presente proyecto fue MySQL al ser una herramienta relacional que permite un acceso veloz a los datos almacenados en las tablas independientes que forman la base de datos de dicho lenguaje.

MySQL

Version 1.0 Phase 1.0 Proposed

vix created on 11/04/2019. Last modified 11/04/2019

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified)  TCP/IP | |
| Source: Public (Interface) Interface BD | Target: Public (Component) MySQL |

## **Servidor web**

*Node «server» in package 'Diagrama de despliegue'*

Servidor web

Version 1.0 Phase 1.0 Proposed

vix created on 10/04/2019. Last modified 11/04/2019

| **ELEMENTS OWNED BY Servidor web** |
| --- |
| Apache : Component «server» |

|  |
| --- |
| Motor PHP : Component «server» |

|  |
| --- |
| Interface BD : Interface «server» |

### **Apache**

*Component owned by 'Servidor web', in package 'Diagrama de despliegue'*

Fue utilizado debido a su configurabilidad, robustez y estabilidad, permitió el cumplimiento de la arquitectura seleccionada (Cliente /Servidor) ya que su función principal es la de responder cada una de las peticiones recibidas de parte de los ordenadores que funcionan como clientes de la aplicación.

Apache

Version 1.0 Phase 1.0 Proposed

vix created on 10/04/2019. Last modified 11/04/2019

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Component) Apache | Target: Public (Component) Motor PHP |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  Conexción HTTPS/HTTP | |
| Source: Public (Component) Navegador | Target: Public (Component) Apache |

|  |  |
| --- | --- |
| Association (direction: Unspecified)  Conexción HTTPS/HTTP | |
| Source: Public (Component) Navegador | Target: Public (Component) Apache |

### **Motor PHP**

*Component owned by 'Servidor web', in package 'Diagrama de despliegue'*

Caracterizado principalmente por su potencia, versatilidad, robustez y modularidad, PHP (HyperText Pre-processor) es un lenguaje de programación interpretado, usado normalmente para la creación de páginas web dinámicas; en el presente proyecto se aplicó dicho lenguaje, debido a las ventajas que representa su uso, el mismo tiene capacidad de conexión con la mayoría de los manejadores de base de datos empleados actualmente, incluyendo MySQL, es multiplataforma, posee amplia documentación y permite técnicas de la programación orientada a objetos.

Motor PHP

Version 1.0 Phase 1.0 Proposed

vix created on 10/04/2019. Last modified 11/04/2019

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Component) Motor PHP | Target: Public (Interface) Interface BD |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Component) Apache | Target: Public (Component) Motor PHP |

### **Interface BD**

*Interface owned by 'Servidor web', in package 'Diagrama de despliegue'*

Interface BD

Version 1.0 Phase 1.0 Proposed

vix created on 11/04/2019. Last modified 11/04/2019

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified)  TCP/IP | |
| Source: Public (Interface) Interface BD | Target: Public (Component) MySQL |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Component) Motor PHP | Target: Public (Interface) Interface BD |

## **Device1**

*Device in package 'Diagrama de despliegue'*

Device1

Version 1.0 Phase 1.0 Proposed

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