**Soundplanes**



Arquitectura e Integración de Sistemas Software

Grado de Ingeniería del Software

Curso 2º

George Laurentiu Bogdan (geobog@alum.us.es)

Guillermo Diz Gil (guidizgil@alum.us.es)

Carmen Mª Muñoz Pérez (carmunper1@alum.us.es)

Francisco Rodríguez Pérez (frarodper4@alum.us.es)

Tutor: Javier Troya Castilla

Group number: 1

Application link: <http://soundplanes.appspot.com/>

Project link in projETSII, GitHub or similar: https://github.com/GuilleX7/Soundplanes

VERSION HISTORY

|  |  |  |  |
| --- | --- | --- | --- |
| DAte | Version | Details | Participants |
| 14/03/2014 | 1.0 | - Includes introduction, prototypes of the user interfaces and UML diagrams of components and deployment | George Laurentiu Bogdan  Guillermo Diz Gil  Carmen Mª Muñoz Pérez  Francisco Rodríguez Pérez |
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# Introduction

Today, people are increasingly interested in learning more about other cultures. Thanks to technologies that are continuously growing, it is becoming easier to establish this communication. On the other hand, music is a key element in our society and unites people from all over the world. Even so, with the exception of very international artists; we are not aware of the musical culture of countries other than our own. Since music is such an important cultural element in each country and in people, we intend to carry out a project that consists of offering an innovative and educational service in the form of an international online radio.

Thus, Soundplanes wants to offer an interactive online radio service with the possibility of chatting with people from anywhere in the world. It will give its users the opportunity to listen to the most listened songs from each country, as well as to offer their own playlist. In this way, users will have the opportunity to learn new songs, as well as meet many people from around the world.

## Integrated applications

Describir cada una de las aplicaciones integradas dando detalles sobre cada una de ellas

|  |  |
| --- | --- |
| Application name | URL API documentation |
| Facebook | https://developers.facebook.com/docs/graph-api/using-graph-api/ |
|  |  |
|  |  |

## Project development

Es habitual que la aplicación final diste mucho de la idea inicial. Puede que la idea fuese muy compleja, no haya sido posible integrar alguna de las aplicaciones o alguno de los miembros del grupo haya abandonado. Explicar en esta sección cuál ha sido la evolución del proyecto, problemas, cambios, decisiones, etc.

# User Interface Prototypes

Insertar las imágenes de todos los prototipos desarrollados. Añadir para cada prototipo una breve descripción textual. Se recomienda hacer prototipos simples y realistas. Para los prototipos pueden usarse aplicaciones como Balsamiq [1]

## View X

Descripción textual de la vista



Figura 1. Prototipo de interfaz de usuario de la vista X

## View Y

# Architecture

## Component diagram

Diagrama UML de componentes de alto nivel. Debe incluir las aplicaciones integradas y nuestra propia aplicación como un componente independiente.

## Deployment diagram

Diagrama UML de despliegue de la aplicación.

## High-level sequence diagram

Diagrama UML de secuencia indicando el flujo de mensajes entre las distintas aplicaciones integradas.

## Class diagram

Diagrama UML de clases indicando la distribución de las clases entre las distintas capas, según el patrón MVC.

## Sequence diagarm

Diagramas UML de secuencia ilustrando la comunicación entre vistas, controladores y clases del modelo.

# Implementation

It hasn't been done yet.

# Tests

It hasn't been done yet

|  |  |
| --- | --- |
| Summary |  |
| Total number of tests performed |  |
| Number of automated tests |  |

|  |  |
| --- | --- |
| ID | **Test 1** |
| Description |  |
| Input |  |
| Expected output |  |
| Result |  |
| Automated |  |

# User’s Manual

## Mashup

It hasn't been done yet.

## API REST

It hasn't been done yet.

# References

[1] *Balsamiq*. <http://balsamiq.com/>. Accedido en Enero 2014.

[2] J. Webber, S. Parastatidis y I. Robinson. *REST in Practice: Hypermedia and Systems Architecture.* O'Reilly Media. 2010.