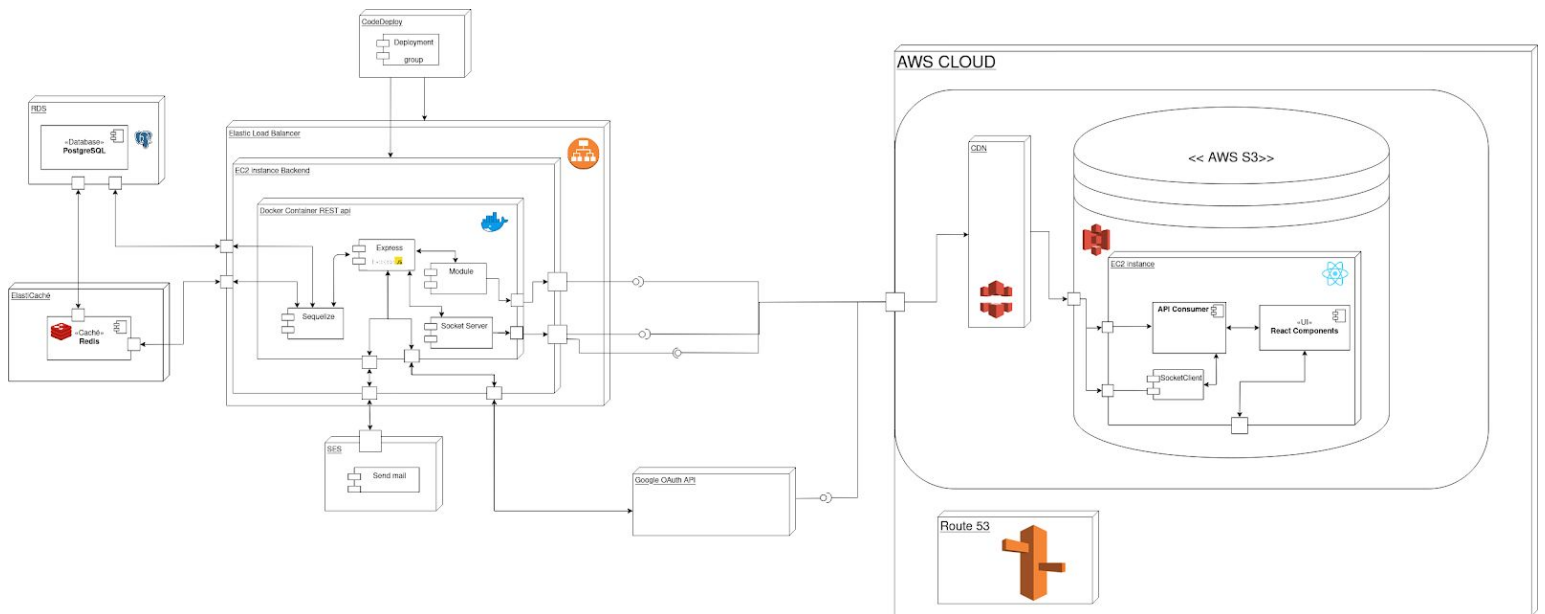


## Documentación E2

### Diagrama de la aplicación



## Documentación API

### Auth

#### Log in

POST <https://open-chat-api.tk/api/auth/signin>

header:

```
{
  "Content-Type": "application/json"
}
```

body:

```
{
  "data": {
    "type": "users",
    "attributes": {
      "email": "test@subject.cl",
      "password": "test123"
    }
  }
}
```

#### New user

POST <https://open-chat-api.tk/api/auth/signup>



header:

```
{  
  "Content-Type": "application/json"  
}
```

body:

```
{  
  "data": {  
    "type": "users",  
    "attributes": {  
      "username": "<name>",  
      "email": "test@subject.cl",  
      "password": "test123",  
      "confirmPassword": "test123"  
    }  
  }  
}
```

### Google Log in

GET <https://open-chat-api.tk/api/auth/google-signin>

header:

```
{  
  "Content-Type": "application/json",  
  "Authorization": "Bearer <google token>"  
}
```

### Google Sign up

POST <https://open-chat-api.tk/api/auth/google-signup>

header:

```
{  
  "Content-Type": "application/json"  
}
```

body:

```
{  
  "data": {  
    "type": "users",  
    "attributes": {  
      "googleToken": "<token>"  
    }  
  }  
}
```

## **Rooms**

Get Rooms

GET <https://open-chat-api.tk/api/rooms>

header:

```
{
```



```
"Content-Type": "application/json",
"authorization": "Bearer <token>"
}
```

## Create Room

POST <https://open-chat-api.tk/api/rooms>

header:

```
{
  "Content-Type": "application/json",
  "authorization": "Bearer <google token>"
}
```

body:

```
{
  "data": {
    "type": "rooms",
    "attributes": {
      "name": "room1"
    }
  }
}
```

## Get Room by id

GET <https://open-chat-api.tk/api/rooms/:id>

header:

```
{
  "Content-Type": "application/json",
  "authorization": "Bearer <google token>"
}
```

## Messages

### Get Messages

GET <https://open-chat-api.tk/api/rooms/:id/messages>

header:

```
{
  "Content-Type": "application/json",
  "authorization": "Bearer <google token>"
}
```

### Get Cache Messages

GET <https://open-chat-api.tk/api/rooms/:id/messages/fast>

header:

```
{
  "Content-Type": "application/json",
  "authorization": "Bearer <google token>"
}
```



## Post Message

POST <https://open-chat-api.tk/api/rooms/:id/messages>

header:

```
{  
  "Content-Type": "application/json",  
  "authorization": "Bearer <google token>"  
}
```

body:

```
{  
  "data": {  
    "type": "messages",  
    "attributes": {  
      "message": "message text"  
    }  
  }  
}
```

## Admin

-> Users

### Get Users

GET <https://open-chat-api.tk/api/admin/users>

header:

```
{  
  "Content-Type": "application/json",  
  "authorization": "Bearer <google token>"  
}
```

### Post User

POST <https://open-chat-api.tk/api/admin/users>

header:

```
{  
  "Content-Type": "application/json",  
  "authorization": "Bearer <google token>"  
}
```

body:

```
{  
  "data": {  
    "type": "users",  
    "attributes": {  
      "username": "username",  
      "email": "email",  
      "password": "password"  
    }  
  }  
}
```





```
}  
}  
}
```

### Get user by ID

GET <https://open-chat-api.tk/api/admin/users/:id>

header:

```
{  
  "Content-Type": "application/json",  
  "authorization": "Bearer <google token>"  
}
```

### Patch user by ID

PATCH <https://open-chat-api.tk/api/admin/users/:id>

header:

```
{  
  "Content-Type": "application/json",  
  "authorization": "Bearer <google token>"  
}
```

body:

```
{  
  "data": {  
    "type": "users",  
    "attributes": {  
      "username": "username",  
      "email": "email",  
      "password": "password"  
    }  
  }  
}
```

### Delete user by ID

DELETE <https://open-chat-api.tk/api/admin/users/:id>

header:

```
{  
  "Content-Type": "application/json",  
  "authorization": "Bearer <google token>"  
}
```

## -> Rooms

### Get rooms

GET <https://open-chat-api.tk/api/admin/rooms>

header:

```
{  
  "Content-Type": "application/json",
```



```
  "authorization": "Bearer <google token>"
}
```

### Get room by ID

GET <https://open-chat-api.tk/api/admin/rooms/:id>

header:

```
{
  "Content-Type": "application/json",
  "authorization": "Bearer <google token>"
}
```

### Patch room by ID

PATCH <https://open-chat-api.tk/api/admin/rooms/:id>

header:

```
{
  "Content-Type": "application/json",
  "authorization": "Bearer <google token>"
}
```

body:

```
{
  "data": {
    "type": "rooms",
    "attributes": {
      "name": "name"
    }
  }
}
```

### Post Room

POST <https://open-chat-api.tk/api/admin/rooms>

header:

```
{
  "Content-Type": "application/json",
  "authorization": "Bearer <google token>"
}
```

body:

```
{
  "data": {
    "type": "users",
    "attributes": {
      "name": "name"
    }
  }
}
```

### Delete room by ID



DELETE <https://open-chat-api.tk/api/admin/rooms/:id>

header:

```
{  
  "Content-Type": "application/json",  
  "authorization": "Bearer <google token>"  
}
```

-> Messages

Get messages

GET <https://open-chat-api.tk/api/admin/messages>

header:

```
{  
  "Content-Type": "application/json",  
  "authorization": "Bearer <google token>"  
}
```

Get message by ID

GET <https://open-chat-api.tk/api/admin/messages/:id>

header:

```
{  
  "Content-Type": "application/json",  
  "authorization": "Bearer <google token>"  
}
```

Patch message by ID

PATCH <https://open-chat-api.tk/api/admin/messages/:id>

header:

```
{  
  "Content-Type": "application/json",  
  "authorization": "Bearer <google token>"  
}
```

body:

```
{  
  "data": {  
    "type": "messages",  
    "attributes": {  
      "message": "message"  
    }  
  }  
}
```

Post message

POST <https://open-chat-api.tk/api/admin/messages/>

header:

```
{
```



```
"Content-Type": "application/json",
"authorization": "Bearer <google token>"
}
body:
{
  "data": {
    "type": "messages",
    "attributes": {
      "message": "message"
    }
  }
}
```

## CSS/JS Injection

Get Injections made

GET [https://open-chat-api.tk/api/css\\_js\\_injection\\_new](https://open-chat-api.tk/api/css_js_injection_new)

header:

```
{
  "Content-Type": "application/json",
  "authorization": "Bearer <google token>"
}
```

Post a new injection

POST [https://open-chat-api.tk/api/css\\_js\\_injection\\_new](https://open-chat-api.tk/api/css_js_injection_new)

header:

```
{
  "Content-Type": "application/json",
  "authorization": "Bearer <google token>"
}
```

body:

```
{
  "data": {
    "type": "injection",
    "attributes": {
      "roomId": "<room_id>",
      "code": "<insert code here>",
      "type": "<css/js>",
    }
  }
}
```

Update an injection

PATCH [https://open-chat-api.tk/api/css\\_js\\_injection\\_new](https://open-chat-api.tk/api/css_js_injection_new)

header:

```
{
```





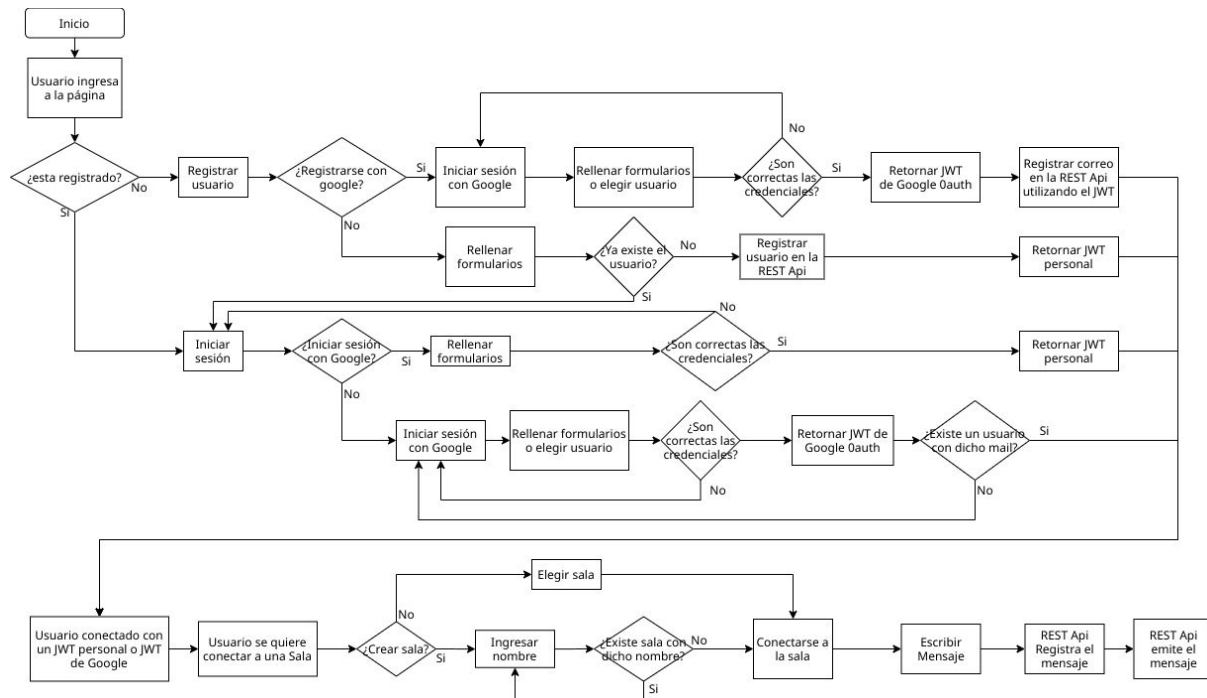
```

"Content-Type": "application/json",
"authorization": "Bearer <google token>"
}

body:
{
  "data": {
    "type": "injection",
    "attributes": {
      "approved": "<true/false>",
    }
  }
}
}

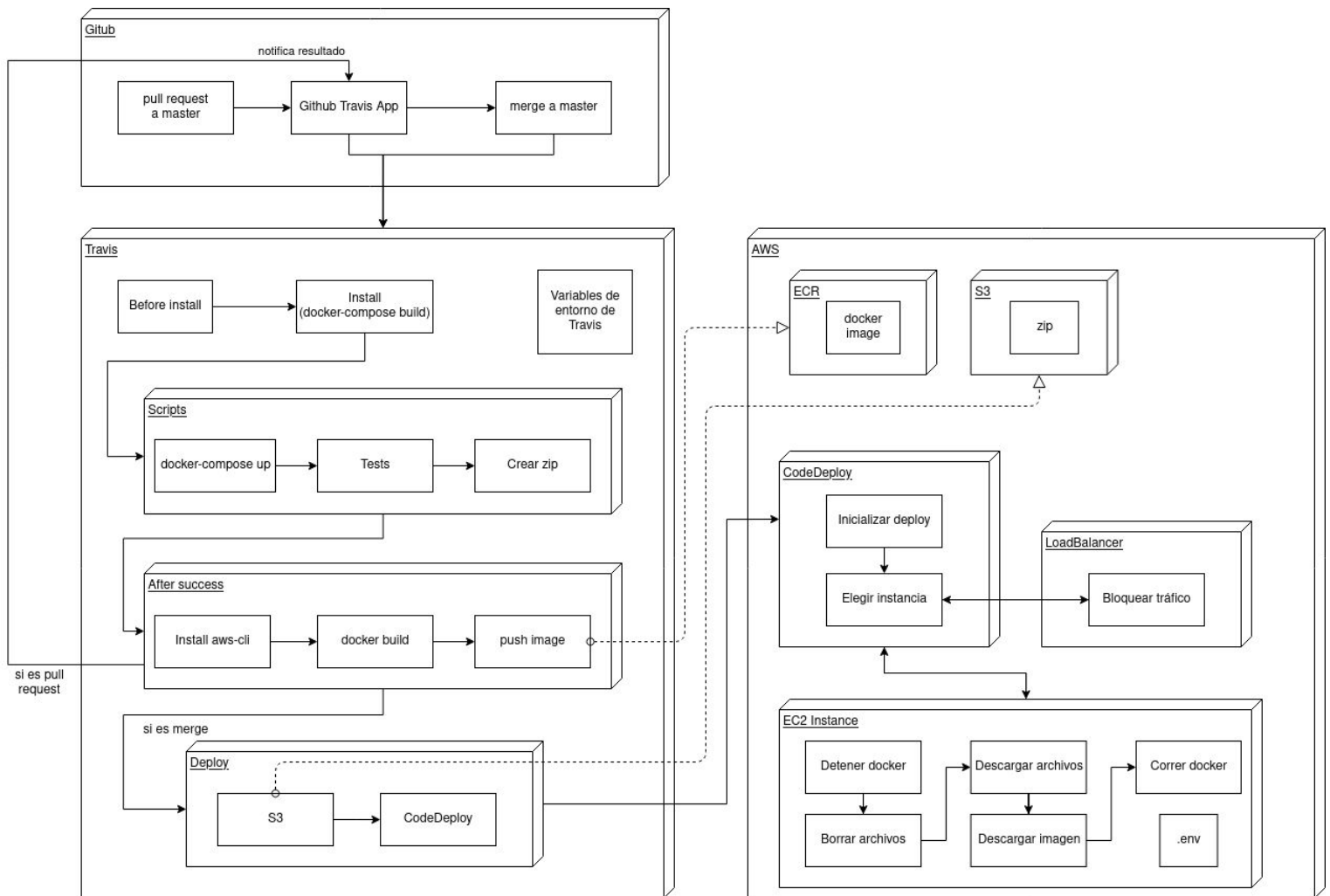
```

## Flujo general de la aplicación





## Flujo para el despliegue:



## CSS Injection

Para la implementación de CSS Injection se optó por realizar una tabla en la base de datos, la cual contiene una columna que está relacionada con alguna sala en específico, otra columna que contiene el código CSS en sí, otra columna booleana que muestra si está aprobada o no, y finalmente una columna booleana que dice si fue probada o no.

Para aplicar dicho CSS en el frontend, si está aplicada, esta es solo aplicada en la sala, donde en el primer request se pide el CSS específico para cada sala.

