



*ViaDe\_ES1C*

- ▶ Castaño Fonseca, Sandra - UO263544
- ▶ Fernández Rodríguez, Mario - UO265308
- ▶ Jove Lafuente, Alberto - UO257180
- ▶ Ornia Gómez, Miguel - UO250732
- ▶ Santos Fernández, Raquel - UO266047
- ▶ Satour El Hammouti, Nourdine - UO265379

# Índice

1. Cómo trabajamos
  - ▶ Actas
  - ▶ Ramas y Pull Requests
  - ▶ Issues
2. Arquitectura
  - ▶ Plantilla de Inrupt
  - ▶ Mantenibilidad
  - ▶ Diagrama de despliegue
  - ▶ Capa de servicios
3. Test: TDD y BDD
4. Docker
5. Gatling
6. Retrospectiva
7. Demo

# 1. Cómo trabajamos - Actas (wiki)

## Acta N°2 (11 02 2020)

UO265308 edited this page on 11 Feb · 1 revision

### Asistentes:

- Castaño Fonseca, Sandra
- Fernández Rodríguez, Mario
- Jove Lafuente, Alberto
- Ornia Gómez, Miguel
- Santos Fernández, Raquel
- Satour El Hammouti, Nourdine

### Revisión del acta anterior:

Nos hemos reunido y hemos comprobado que ya tenemos un conocimiento mínimo sobre la materia necesaria. Hemos decidido que cada miembro utilizará las herramientas con las que más cómodo se encuentre. Todavía no se han decidido al 100% los detalles de implementación.

### Decisiones tomadas:

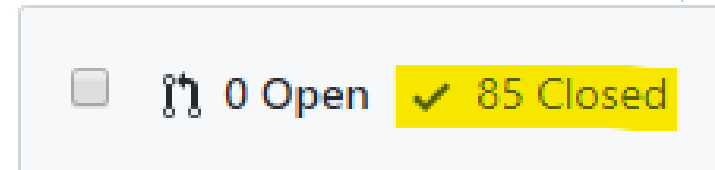
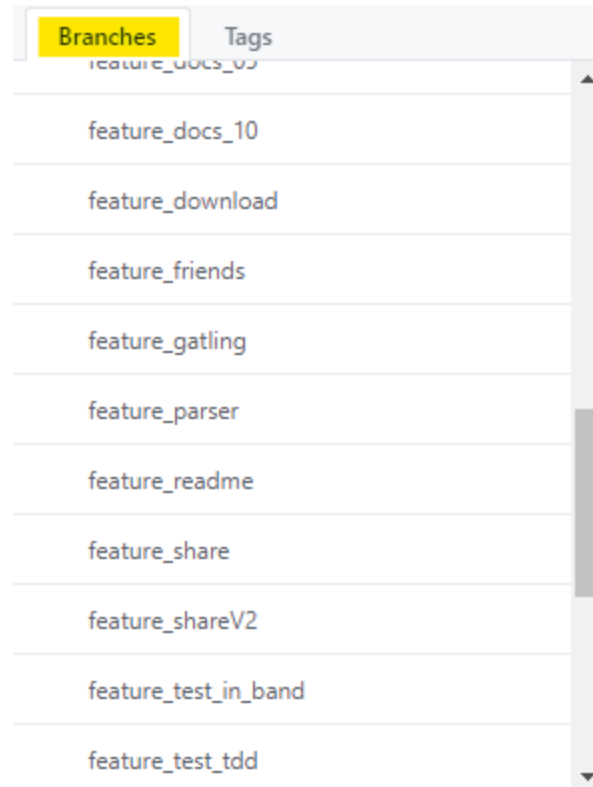
Nos hemos dividido en tres subgrupos, siendo los cuales:

- Grupo 1: Sandra y Raquel.
- Grupo 2: Nourdine y Mario.
- Grupo 3: Alberto y Miguel.

El grupo 1 se va a encargar de los puntos 1 y 4 de la documentación. El grupo 2 se va a encargar de los puntos 2 y 5 de la documentación. El grupo 3 se va a encargar de los puntos 3 y 6 de la documentación.

▼ Pages 11
Find a Page...
Home
Acta N°1 (04 02 2020)
Acta N°10 (28 04 2020)
Acta N°2 (11 02 2020)
Acta N°3 (18 02 2020)
Acta N°4 (25 02 2020)
Acta N°5 (3 03 2020)
Acta N°6 (10 03 2020)
Acta N°7 (17 03 2020)
Acta N°8 (24 03 2020)
Acta N°9 (21 04 2020)

# 1. Cómo trabajamos - Ramas y Pull Requests

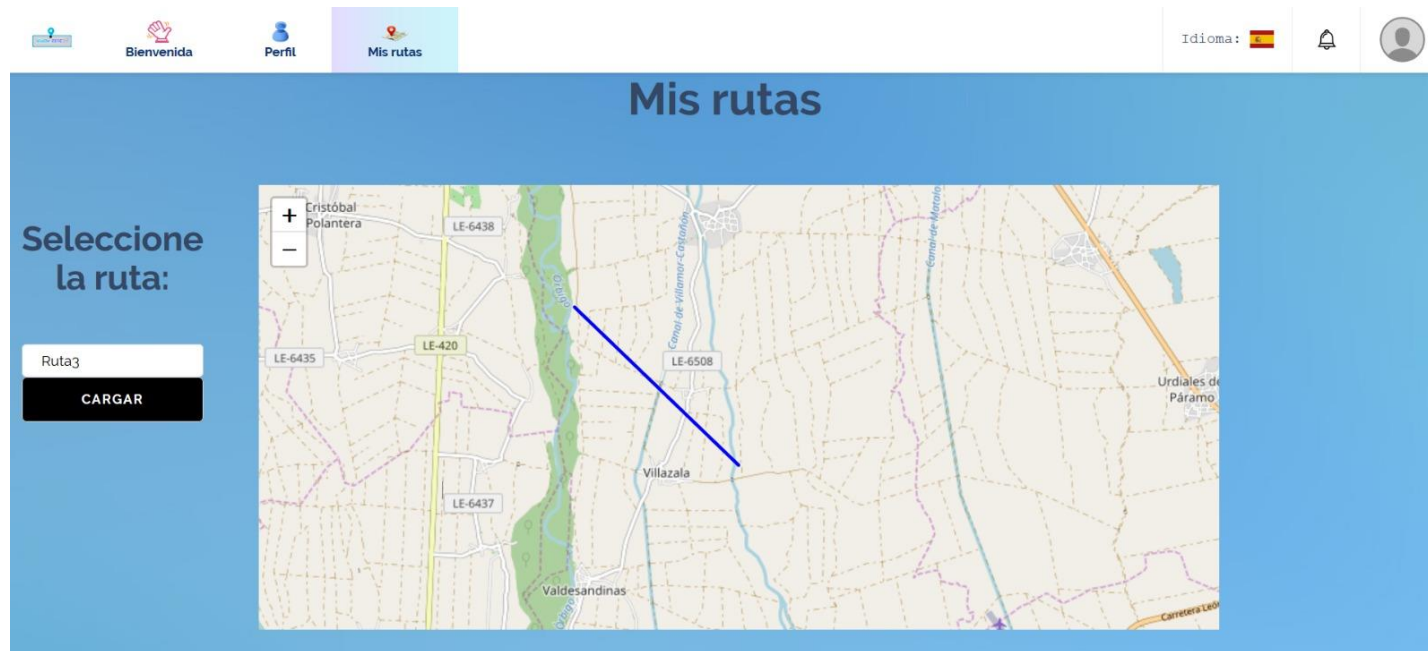


# 1. Cómo trabajamos - Issues

<input type="checkbox"/>	<b>7 Open</b> <b>28 Closed</b>	Author ▾	Label ▾	Projects ▾	Milestones ▾	Assignee ▾	Sort ▾
<input type="checkbox"/>	<b>!</b> Try to catch the notification in the Cucumber test	#105 opened 9 days ago by NourineSatour					
<input type="checkbox"/>	<b>!</b> Execution test cucumber	#102 opened 10 days ago by UO266047					6
<input type="checkbox"/>	<b>!</b> Report contributions	#101 opened 10 days ago by labra					
<input type="checkbox"/>	<b>!</b> Put cucumber tests on travis	#99 opened 18 days ago by MiguelOrnia					
<input type="checkbox"/>	<b>!</b> Interoperability suspended until the final release of the ViadeSpec specification	#56 opened 25 days ago by UO265308					1
<input type="checkbox"/>	<b>!</b> Find a solution to store the date when the route was uploaded to the system	#45 opened on 13 Mar by UO265308					
<input type="checkbox"/>	<b>!</b> Revisión Arquitectura	#38 opened on 25 Feb by HugoLebrede 9 of 10					

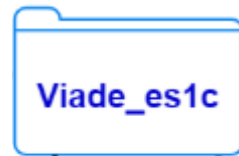
<input type="checkbox"/>	<b>!</b> Add friend group functionality	help wanted	1
#98 by MiguelOrnia was closed 2 days ago			
<input type="checkbox"/>	<b>!</b> Deploy application in Docker	help wanted	3
#55 by MiguelOrnia was closed 3 days ago			
<input type="checkbox"/>	<b>!</b> The evolution of the tests must match the evolution of the application	help wanted	
#52 by UO265308 was closed yesterday			
<input type="checkbox"/>	<b>!</b> Do documentation point 8	documentation help wanted	1
#30 by albertojove was closed 20 days ago			
<input type="checkbox"/>	<b>!</b> Do documentation point 7	documentation	2
#29 by albertojove was closed 20 days ago			

## 2. Arquitectura - Plantilla de Inrupt

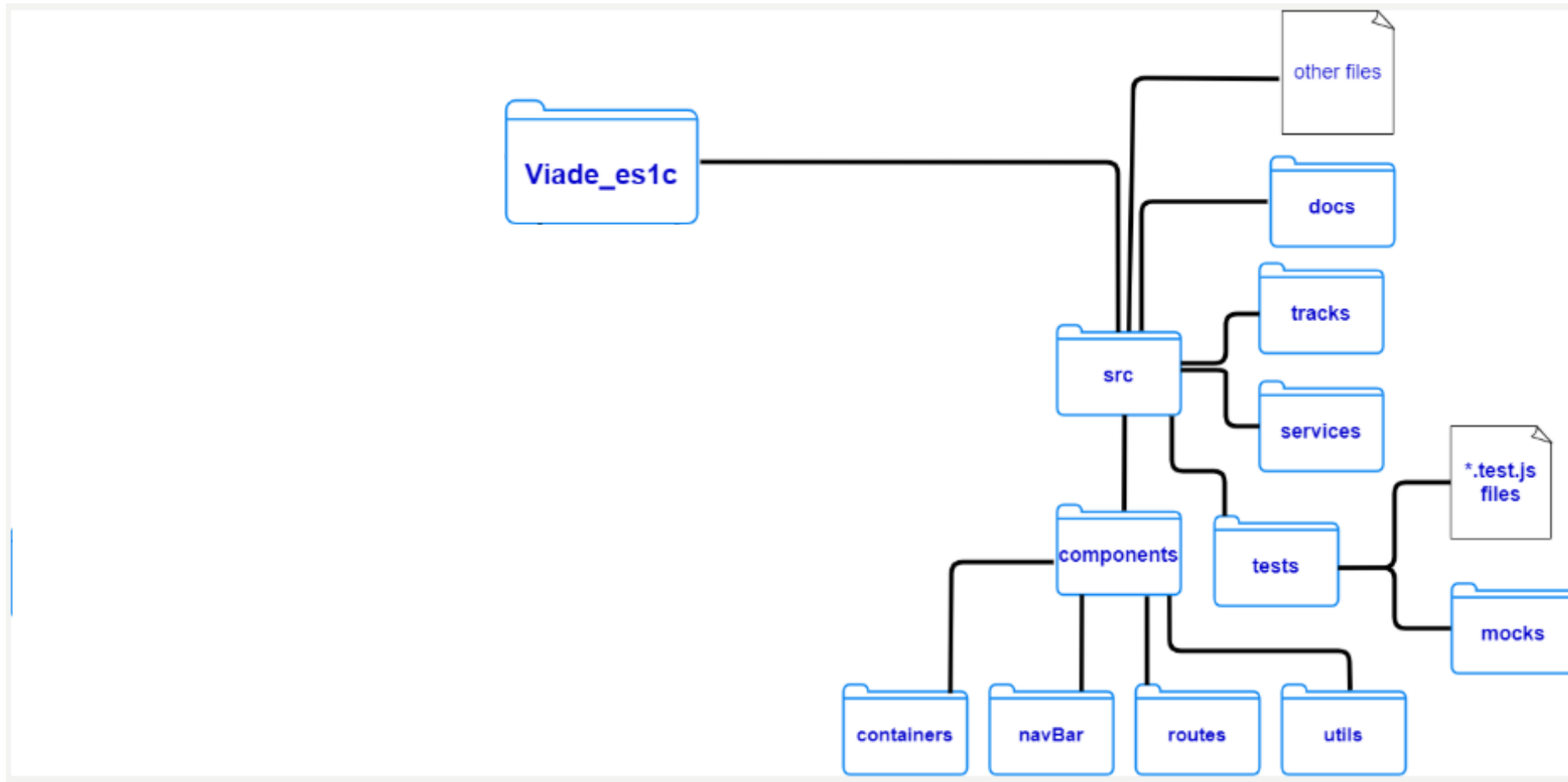


components	Slight modifications
constants	Resolved conflicts when pulling from feature_visualize
containers	Fixing errors
contexts	Created using the application generator with react and solid
docs	Add item to the glosary
entities	Implemented the retrieval of data from the pod and the deployment of ...
hocs	Created using the application generator with react and solid
hooks	Created using the application generator with react and solid
images	Change login background
layouts	Removing footer
services	Fixing errors
utils	Implemented the JSON-Route parser (works only with local files)
App.js	Created using the application generator with react and solid
App.styled.js	Created using the application generator with react and solid
App.test.js	Created using the application generator with react and solid
i18n.js	Created using the application generator with react and solid
index.css	Created using the application generator with react and solid
index.js	Created using the application generator with react and solid
routes.js	Interface to download track
serviceWorker.js	Created using the application generator with react and solid

## 2. Arquitectura - Estructura actual

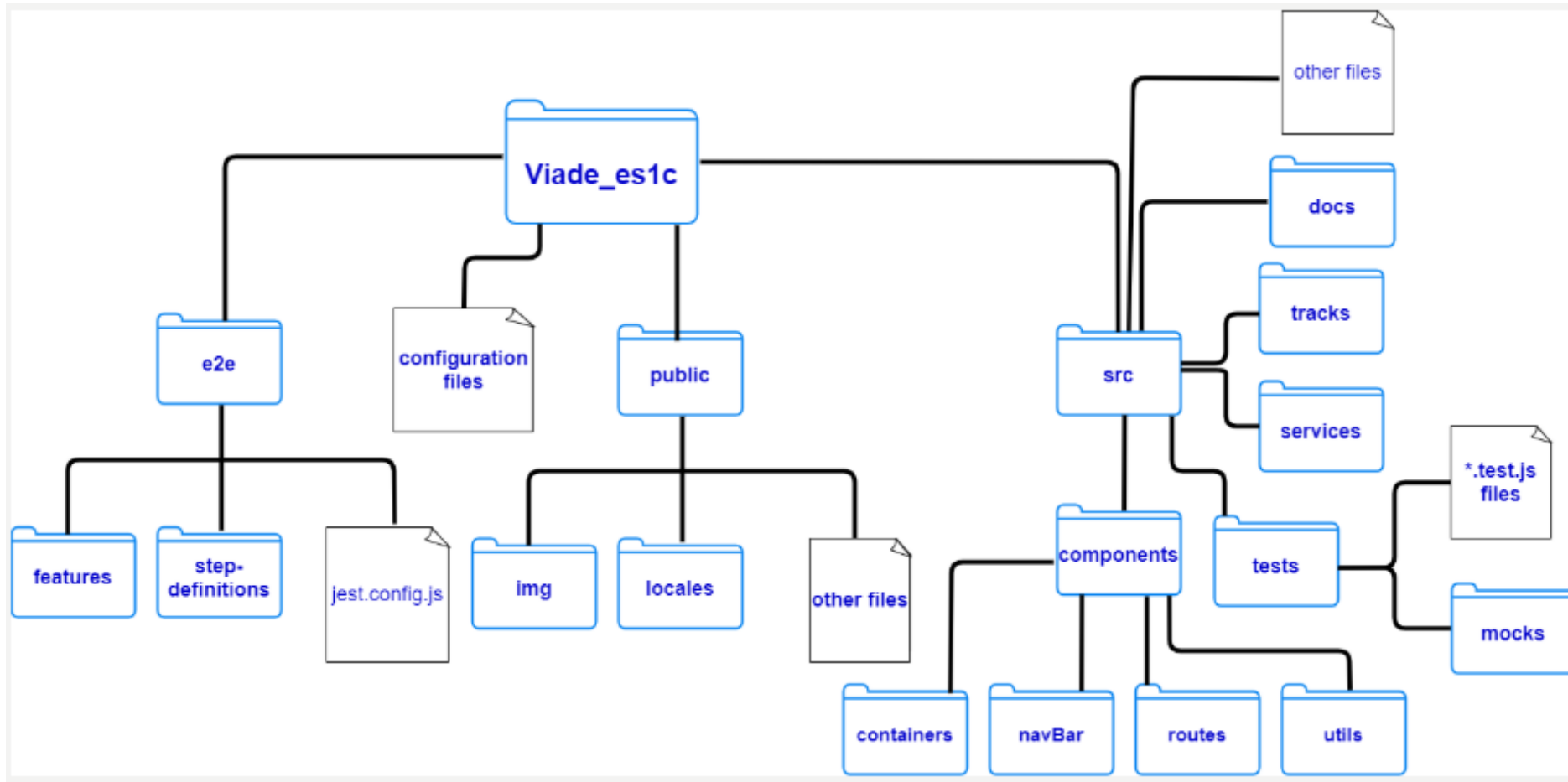


## 2. Arquitectura - Estructura actual



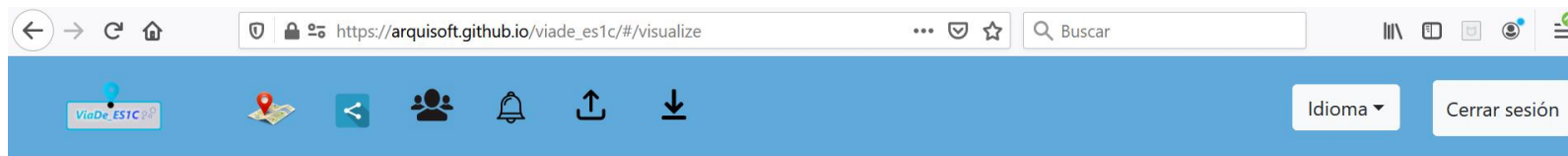


## 2. Arquitectura - Estructura actual

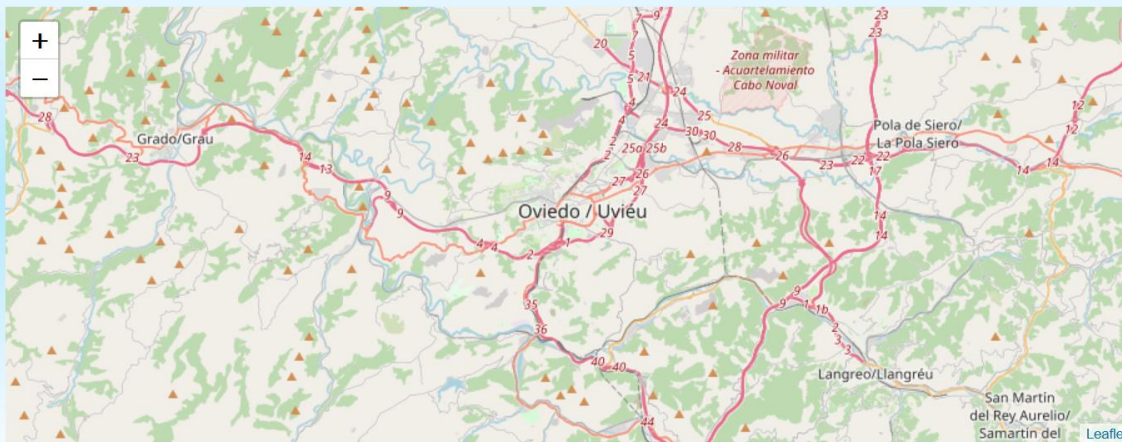


## 2. Arquitectura - Estructura actual

- ▶ Ventaja --> Mantenibilidad



### Visualizar rutas



☒ Mis rutas ☐ Compartidas

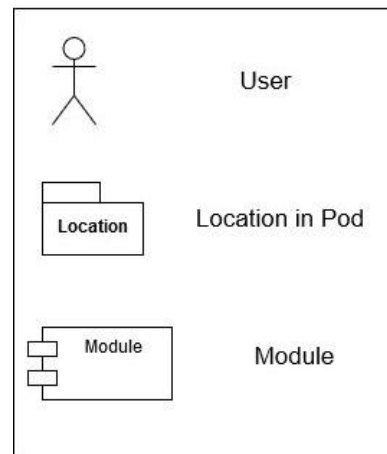
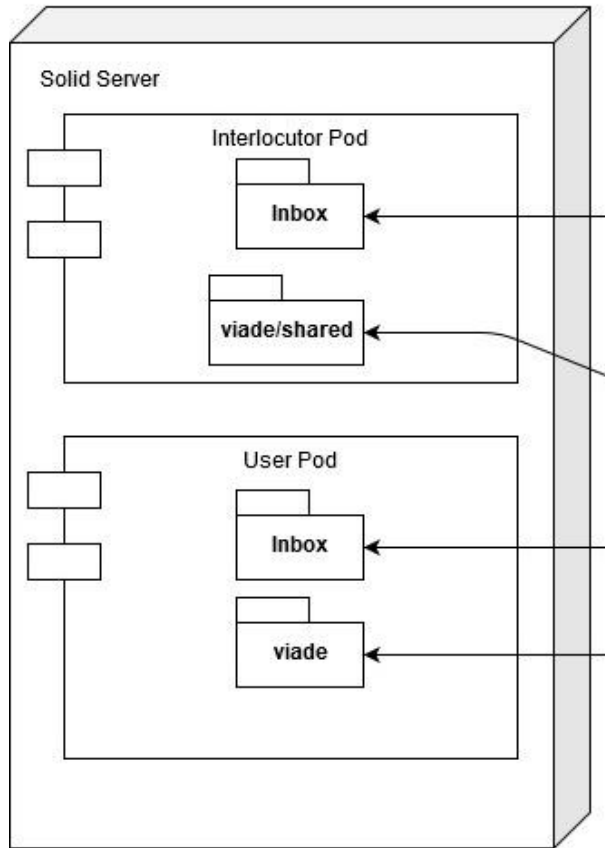
Cargar rutas del  
POD

Seleccione la  
ruta:

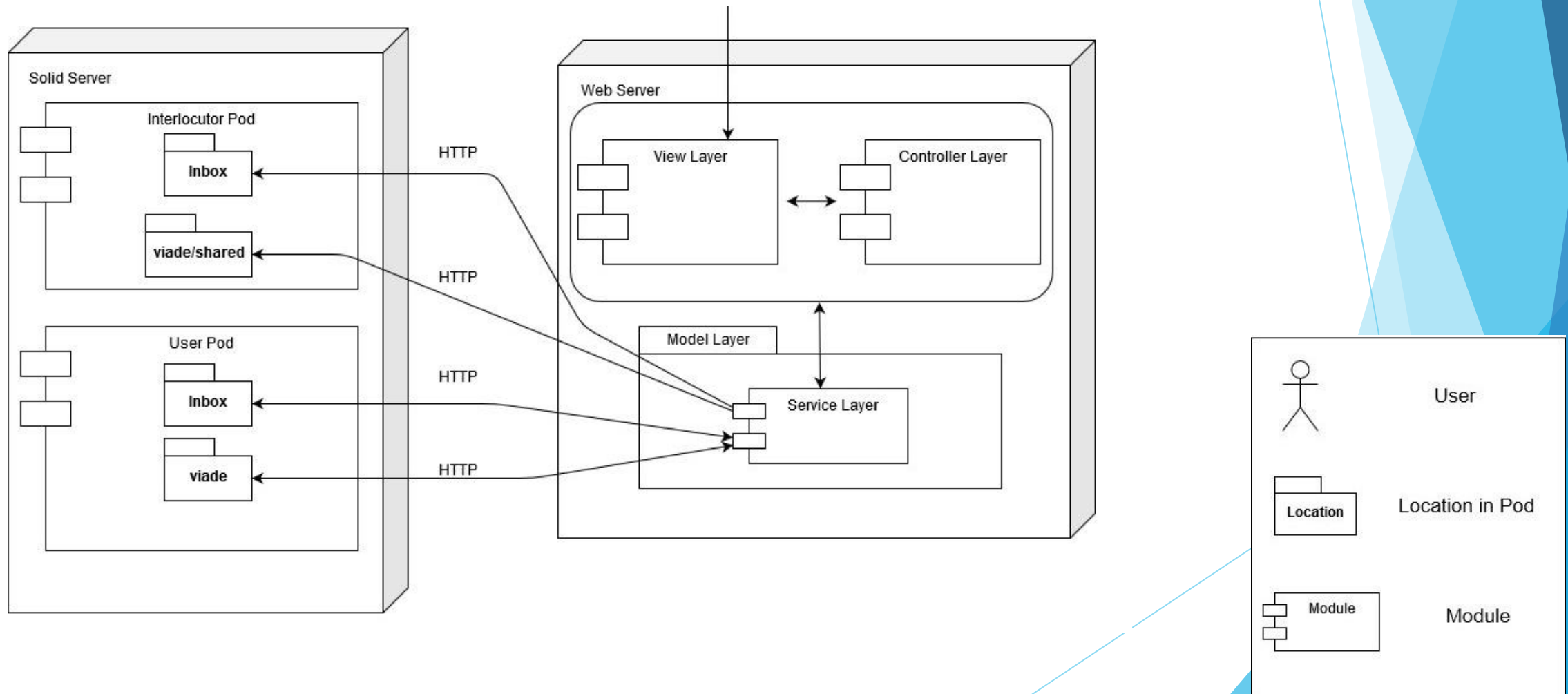
Visualizar

```
"dependencies": {
  "@inrupt/solid-react-components": "^0.5.0",
  "@material-ui/core": "^4.9.8",
  "@solid/query-ldflex": "2.6.0",
  "@solid/react": "^1.8.0",
  "@testing-library/jest-dom": "^4.2.4",
  "@testing-library/user-event": "^7.2.1",
  "bootstrap": "^4.4.1",
  "i18next": "^15.0.4",
  "i18next-browser-languagedetector": "^3.0.1",
  "i18next-xhr-backend": "^2.0.1",
  "jest": "^25.2.7",
  "ldflex": "^2.8.0",
  "leaflet": "^1.6.0",
  "react": "^16.12.0",
  "react-bootstrap": "^1.0.0-beta.17",
  "react-dom": "^16.12.0",
  "react-i18next": "^10.1.2",
  "react-leaflet": "^2.6.1",
  "react-loading": "^2.0.3",
  "react-loading-overlay": "^1.0.1",
  "react-notifications": "^1.5.0-beta.0",
  "react-player": "^1.15.3",
  "react-router-dom": "^5.1.2",
  "react-scripts": "3.2.0",
  "react-simple-image-viewer": "0.0.3",
  "react-tooltip": "^4.1.2",
  "solid-auth-client": "^2.4.1",
  "solid-file-client": "^1.0.2",
  "styled-components": "^5.0.1",
  "victory": "^34.1.3"
```

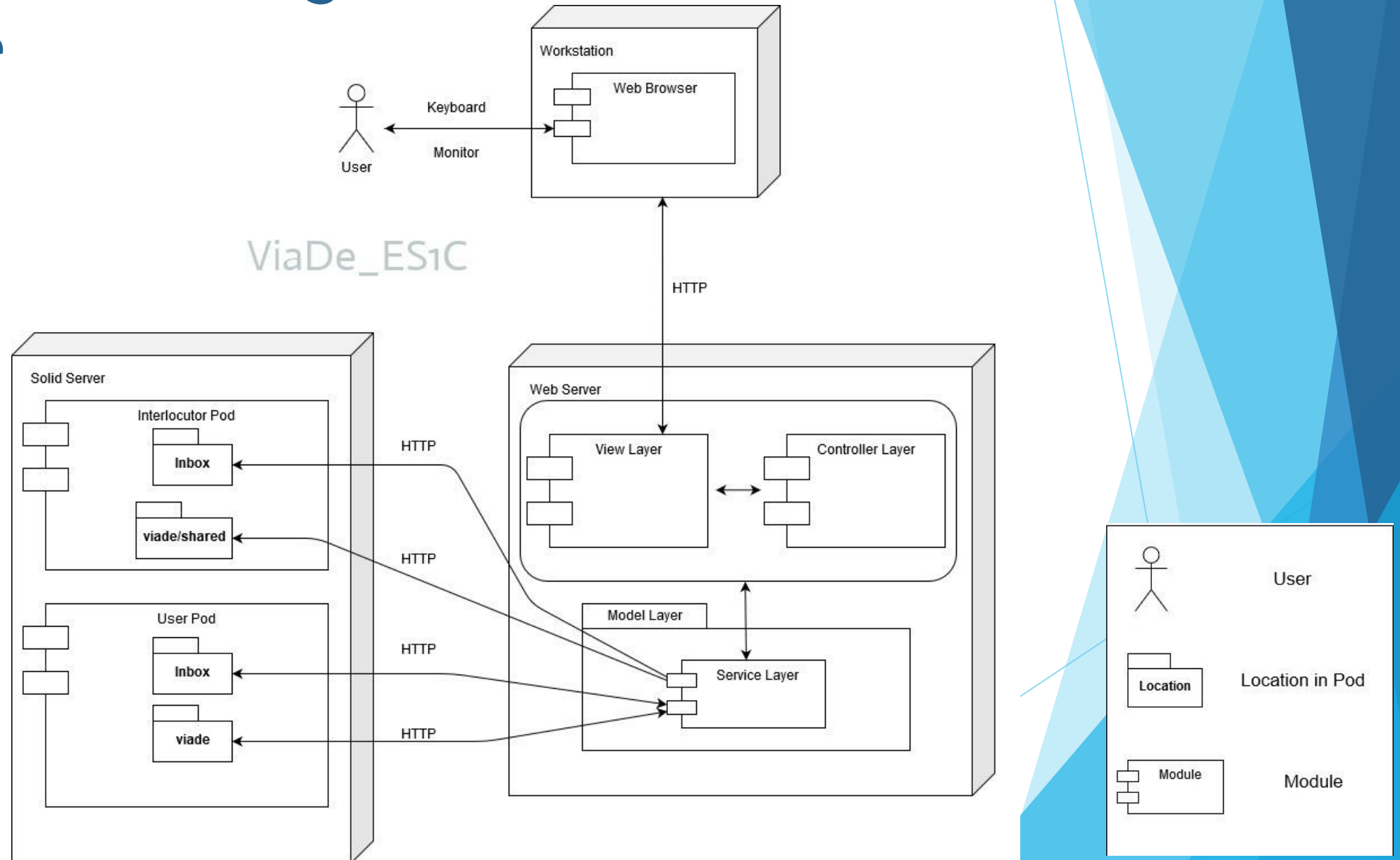
## 2. Arquitectura - Diagrama de despliegue



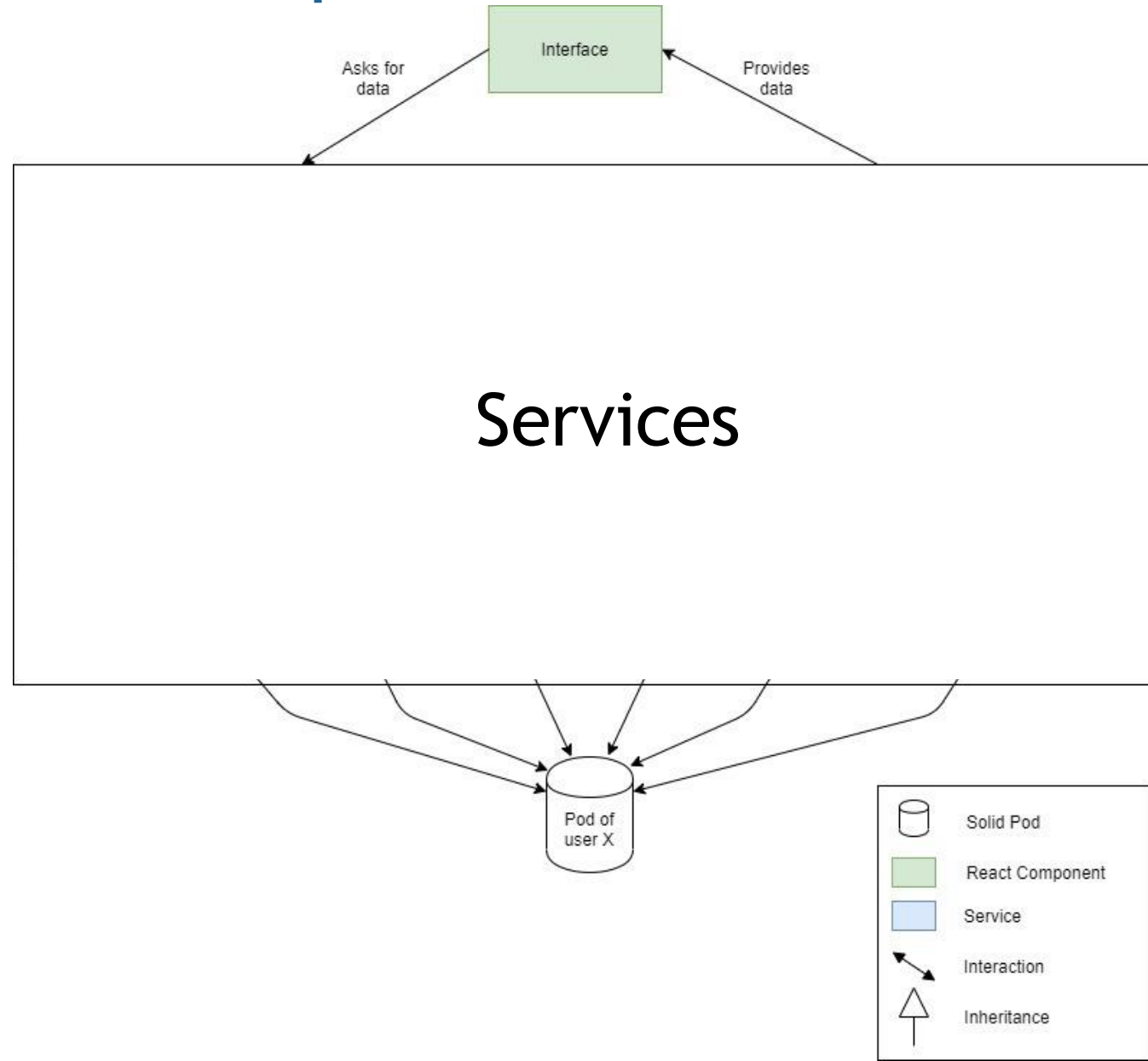
## 2. Arquitectura - Diagrama de despliegue



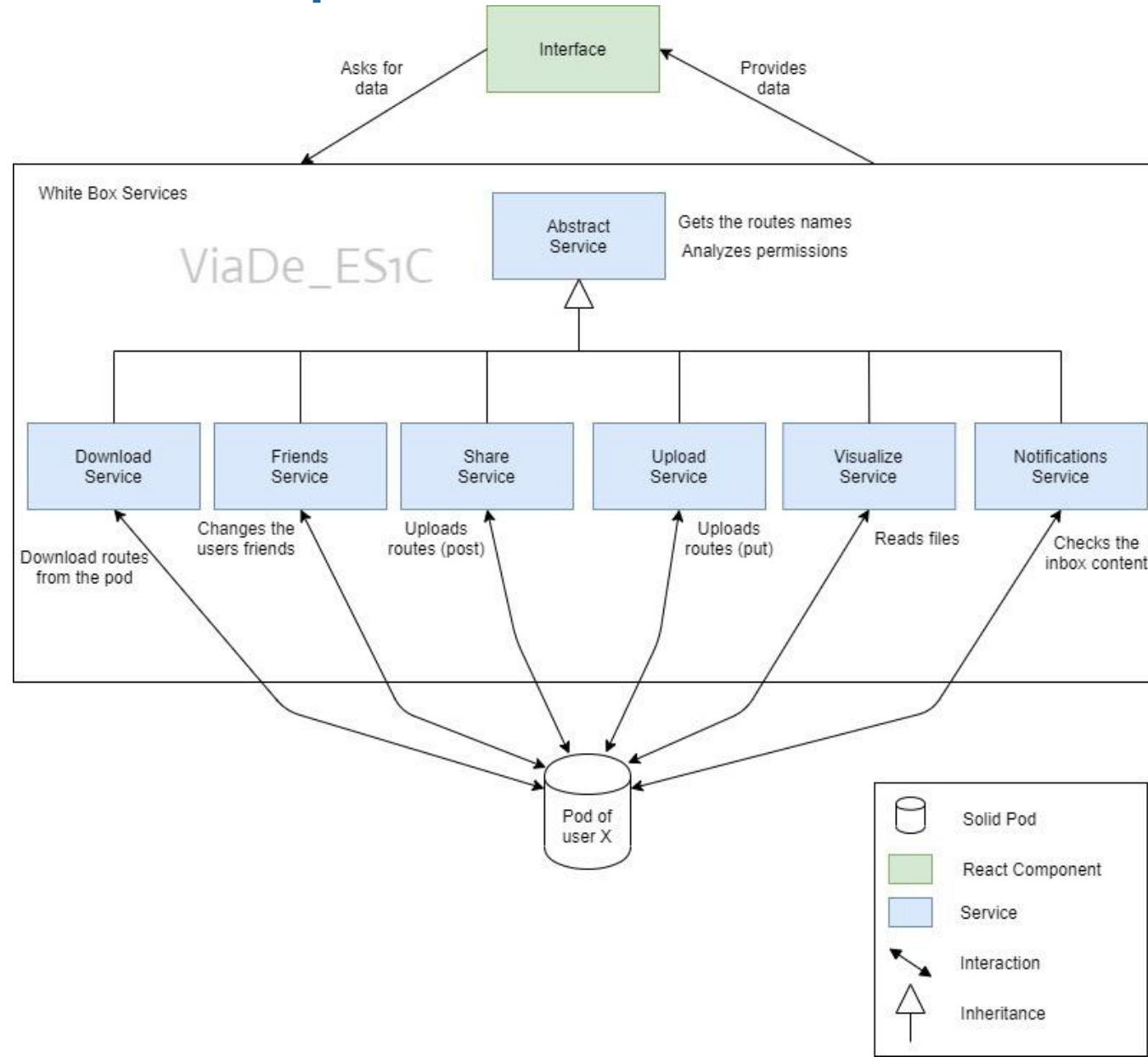
## 2. Arquitectura - Diagrama de despliegue



## 2. Arquitectura - Capa de servicios



## 2. Arquitectura - Capa de servicios





### 3. Test: TDD y BDD

- ▶ Pruebas unitarias

```
PASS src/App.test.js (10.275s)
-----|-----|-----|-----|-----|-----|
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s |
-----|-----|-----|-----|-----|-----|
All files |        0 |         0 |         0 |         0 |                   |

Test Suites: 10 passed, 10 total
Tests:       39 passed, 39 total
Snapshots:   0 total
Time:        35.438s
Ran all test suites.

Watch Usage: Press w to show more.
```

- ▶ Pruebas de aceptación

```
PASS e2e/step-definitions/visualizeRoute.steps.js (55.325s)
PASS e2e/step-definitions/loadCombo.steps.js (55.688s)
PASS e2e/step-definitions/addFriends.steps.js (65.002s)
PASS e2e/step-definitions/createGroup.steps.js (20.478s)
PASS e2e/step-definitions/login.steps.js (23.178s)
PASS e2e/step-definitions/internationalization.steps.js (25.422s)
PASS e2e/step-definitions/download.steps.js (24.801s)
PASS e2e/step-definitions/shareRoute.steps.js (27.275s)
PASS e2e/step-definitions/logout.steps.js (22.49s)

Test Suites: 9 passed, 9 total
Tests:       9 passed, 9 total
Snapshots:   0 total
Time:        118.764s, estimated 131s
Ran all test suites.
```



# 4. Docker

Terminal

Shell

Edición

Visualización

Ventana

Ayuda

localhost

Arquitect/viaDe\_es1c at feature\_docker

sandracast.solid.community

Welcome to Solid

ViaDe\_ES1C

Welcome to ViaDe\_ES1C

viaDe\_es1c — docker-compose up --force-recreate --build — 106x29

Successfully built 2de4a15a2c52  
Successfully tagged viaDe\_es1c\_es1c:latest  
Creating viaDe\_es1c\_solidserver\_1 ... done  
Creating viaDe\_es1c\_es1c\_1 ... done  
Attaching to viaDe\_es1c\_es1c\_1, viaDe\_es1c\_solidserver\_1

es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
solidserver\_1  
solidserver\_1  
solidserver\_1  
solidserver\_1  
solidserver\_1  
solidserver\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
solidserver\_1

> viaDe\_es1c@0.1.0 start /app  
> react-scripts start  
  
> solid-server@5.2.4 solid /usr/src/app  
> node ./bin/solid "start"  
  
Solid server (5.2.4) running on <https://localhost:8443/>  
Press <ctrl>+c to stop  
Starting the development server...  
  
Compiled successfully!  
  
You can now view viaDe\_es1c in the browser.  
  
Local: <http://localhost:3000/>  
On Your Network: <http://172.18.0.3:3000/>  
  
Note that the development build is not optimized.  
To create a production build, use npm run build.  
  
Thu, 30 Apr 2020 17:17:59 GMT solid:get / on localhost

Terminal

Shell

Edición

Visualización

Ventana

Ayuda

localhost

Arquitect/viaDe\_es1c at feature\_docker

sandracast.solid.community

Welcome to Solid

ViaDe\_ES1C

Welcome to the Solid Prototype

Register

Log in

This is a prototype implementation of a Solid server. It is a fully functional server, but there are no security or stability guarantees. If you have

viaDe\_es1c — docker-compose up --force-recreate --build — 106x29

Successfully built 2de4a15a2c52  
Successfully tagged viaDe\_es1c\_es1c:latest  
Creating viaDe\_es1c\_solidserver\_1 ... done  
Creating viaDe\_es1c\_es1c\_1 ... done  
Attaching to viaDe\_es1c\_es1c\_1, viaDe\_es1c\_solidserver\_1

es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
solidserver\_1  
solidserver\_1  
solidserver\_1  
solidserver\_1  
solidserver\_1  
solidserver\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
es1c\_1  
solidserver\_1

> viaDe\_es1c@0.1.0 start /app  
> react-scripts start  
  
> solid-server@5.2.4 solid /usr/src/app  
> node ./bin/solid "start"  
  
Solid server (5.2.4) running on <https://localhost:8443/>  
Press <ctrl>+c to stop  
Starting the development server...  
  
Compiled successfully!  
  
You can now view viaDe\_es1c in the browser.  
  
Local: <http://localhost:3000/>  
On Your Network: <http://172.18.0.3:3000/>  
  
Note that the development build is not optimized.  
To create a production build, use npm run build.  
  
Thu, 30 Apr 2020 17:17:59 GMT solid:get / on localhost

Server info

Name

Details

Running on Solid 5.2.4

Microsoft Teams

Apple

Google

Calendar

Notes

Photos

Maps

Word

App Store

System

Spotify

Terminal

Downloads

Browser

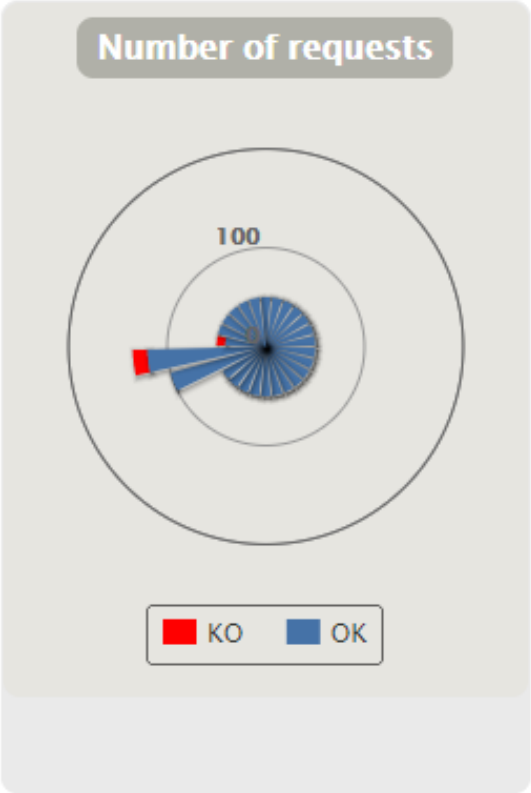
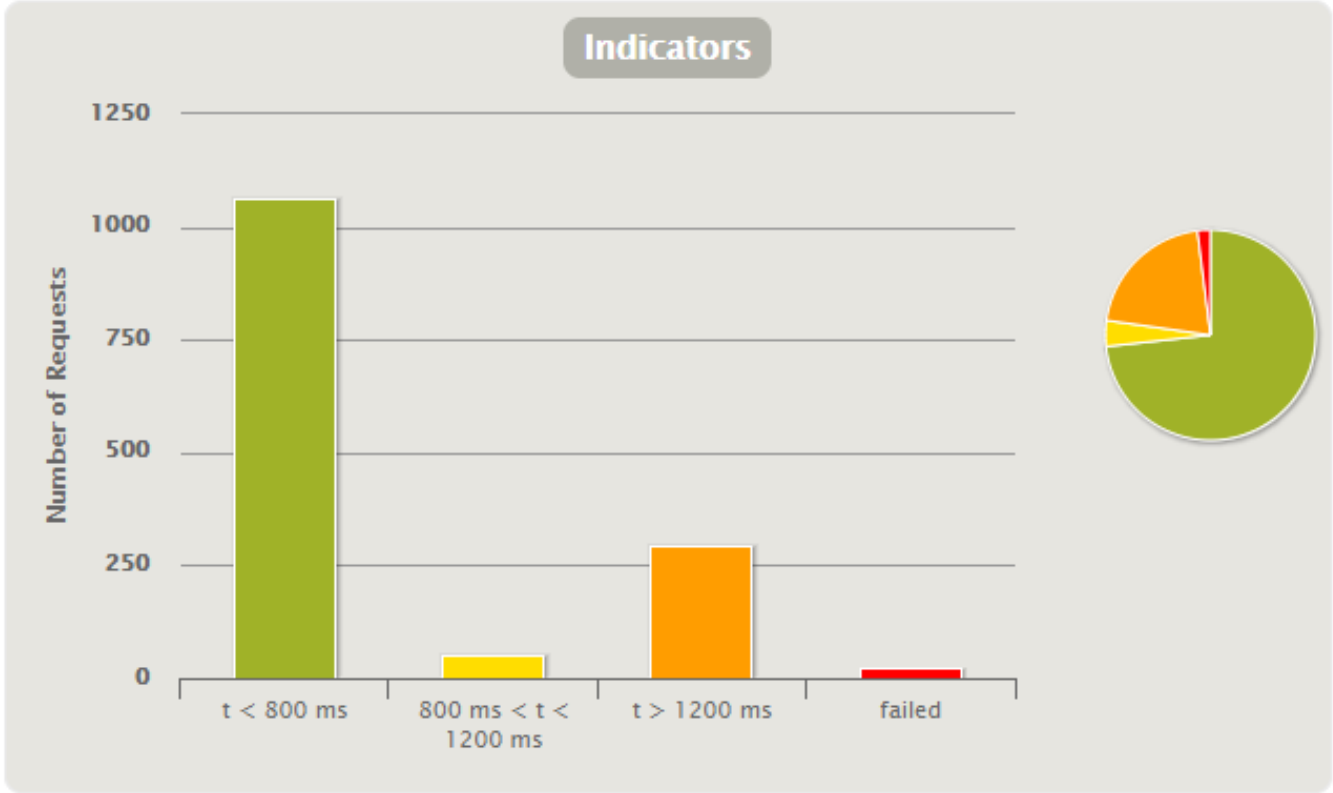
Trash



# 5. Gatling

- ▶ Prueba de carga de visualizar rutas.
- ▶ Prueba realizada con 50 usuarios en 10 segundos.

## > Global Information

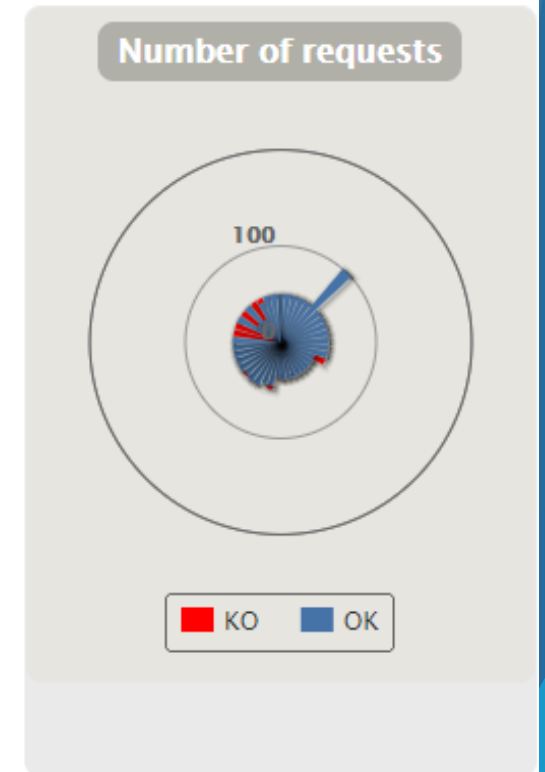
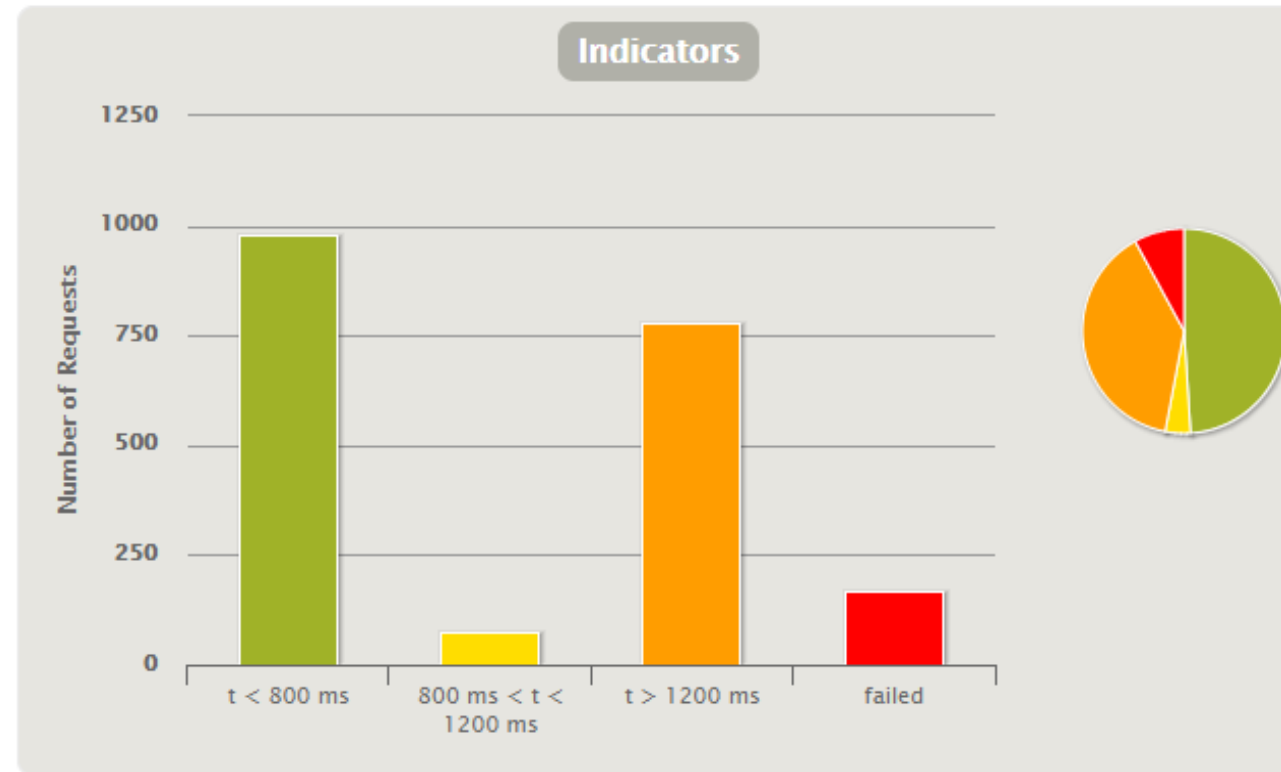


STATISTICS						Expand all groups   Collapse all groups							
Requests ^	Executions					Response Time (ms)							
	Total	OK	KO	% KO	Cnt/s	Min	50th pct	75th pct	95th pct	99th pct	Max	Mean	Std Dev
	Global Information	1435	1411	24	2%	13.411	1	50	843	11313	60000	60001	2406

# 5. Gatling

- ▶ Prueba de carga de compartir rutas.
- ▶ Prueba realizada con 50 usuarios en 10 segundos.

## > Global Information



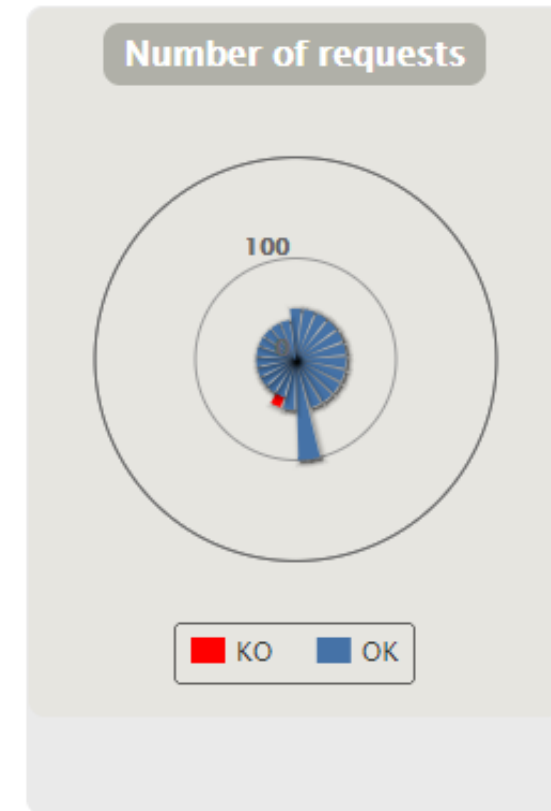
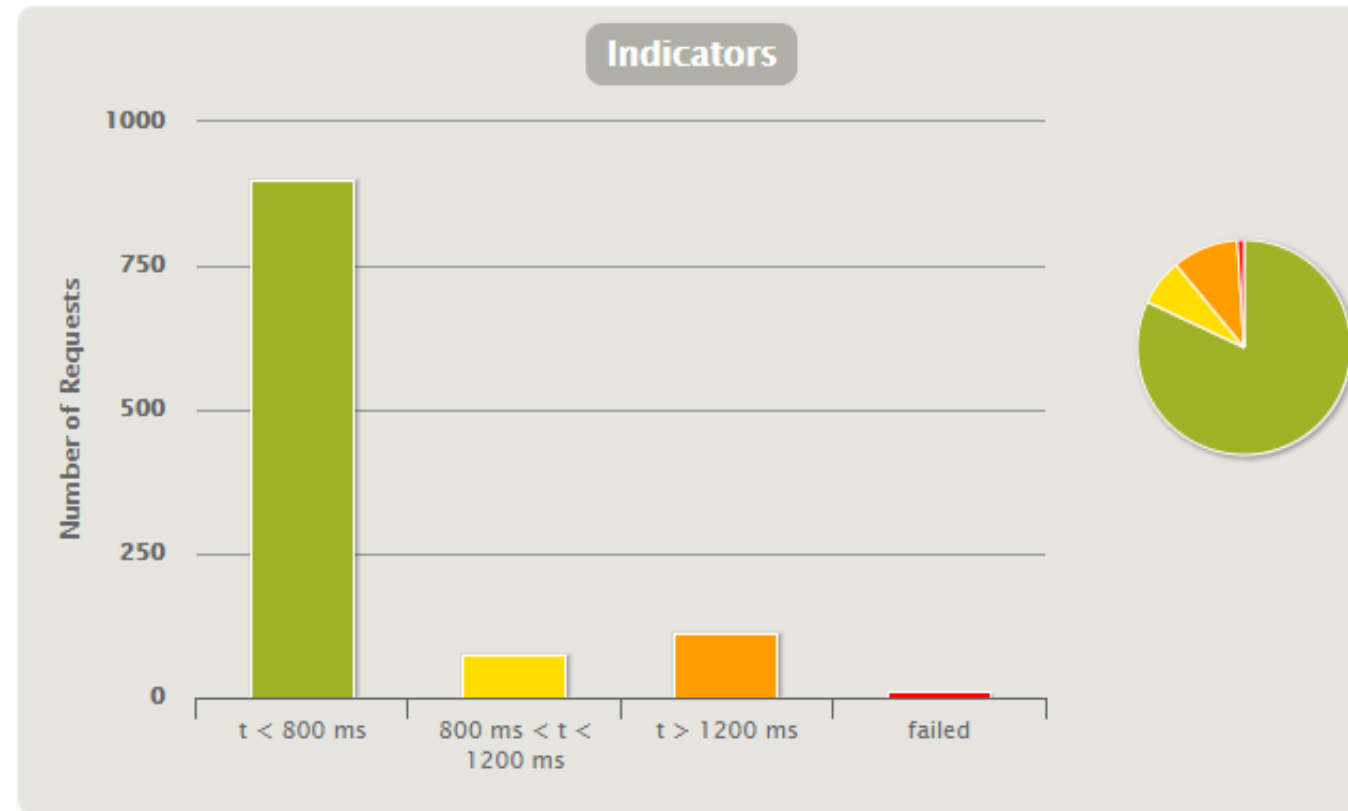
▶ STATISTICS (Click here to show more) Expand all groups | Collapse all groups

Requests ^	Executions					Response Time (ms)							
	Total ↕	OK ↕	KO ↕	% KO ↕	Cnt/s ↕	Min ↕	50th pct ↕	75th pct ↕	95th pct ↕	99th pct ↕	Max ↕	Mean ↕	Std Dev ↕
Global Information	2000	1833	167	8%	9.39	2	909	9934	27234	60001	60003	6517	12151

# 5. Gatling

- ▶ Prueba de carga de ver amigos.
- ▶ Prueba realizada con 50 usuarios en 10 segundos

## > Global Information

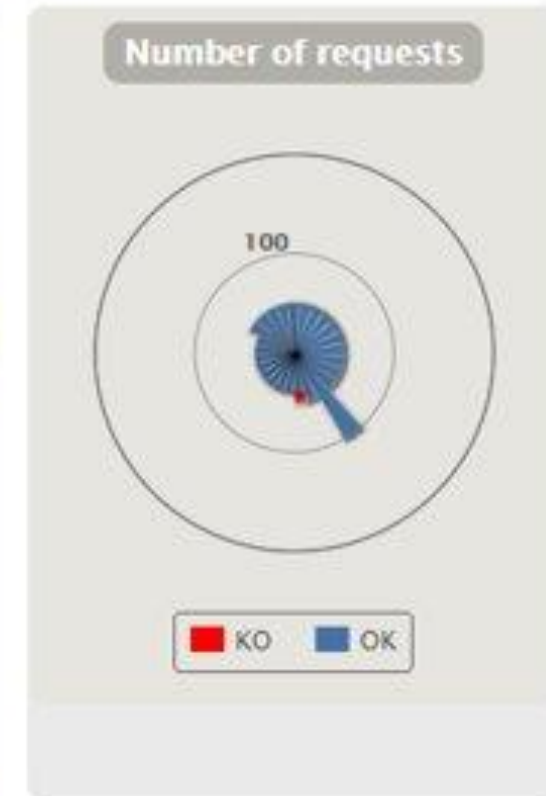
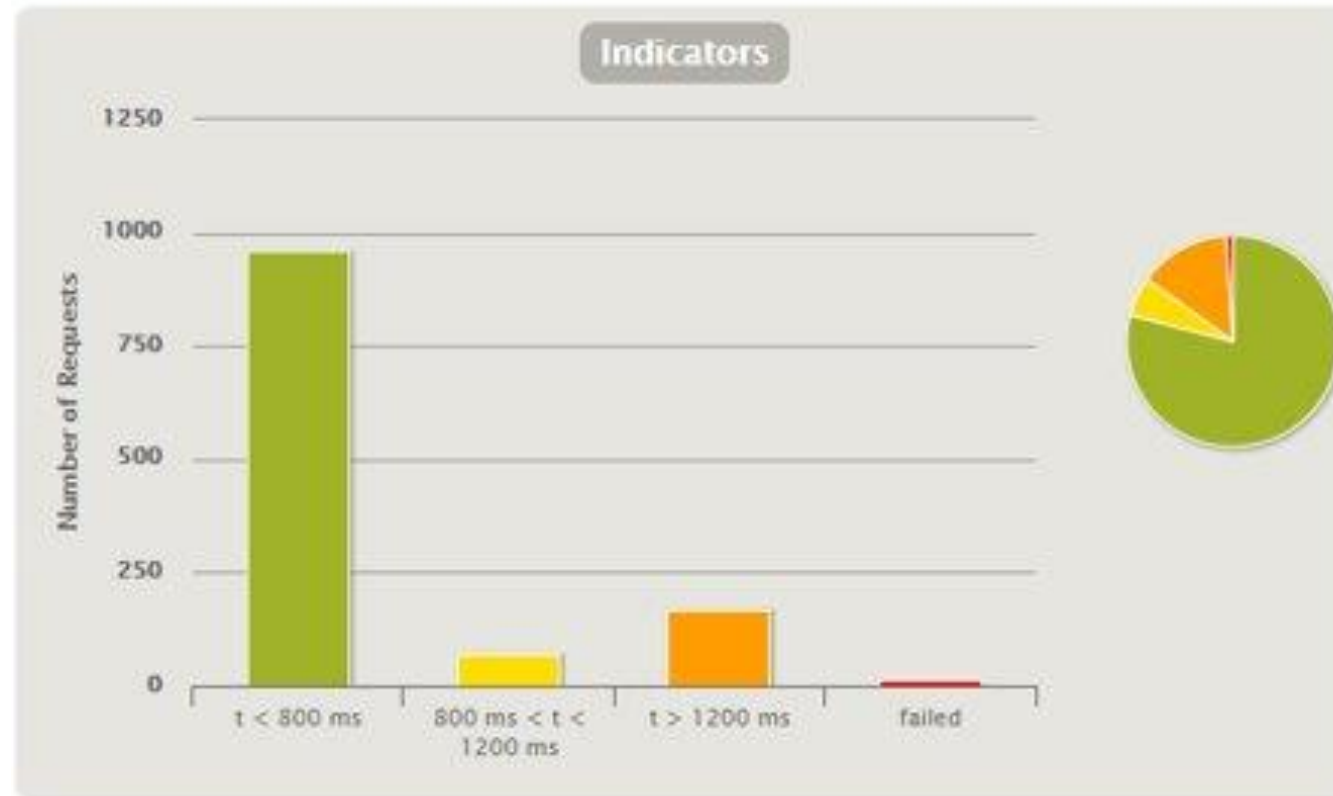


STATISTICS											Expand all groups   Collapse all groups			
Requests ^	Executions					Response Time (ms)								
	Total ^	OK ^	KO ^	% KO ^	Cnt/s ^	Min ^	50th pct ^	75th pct ^	95th pct ^	99th pct ^	Max ^	Mean ^	Std Dev ^	
	Global Information	1101	1090	11	1%	12.802	1	27	613	2877	33465	60002	1414	6736

# 5. Gatling

- ▶ Prueba de carga de descargar.
- ▶ Prueba realizada con 50 usuarios en 10 segundos.

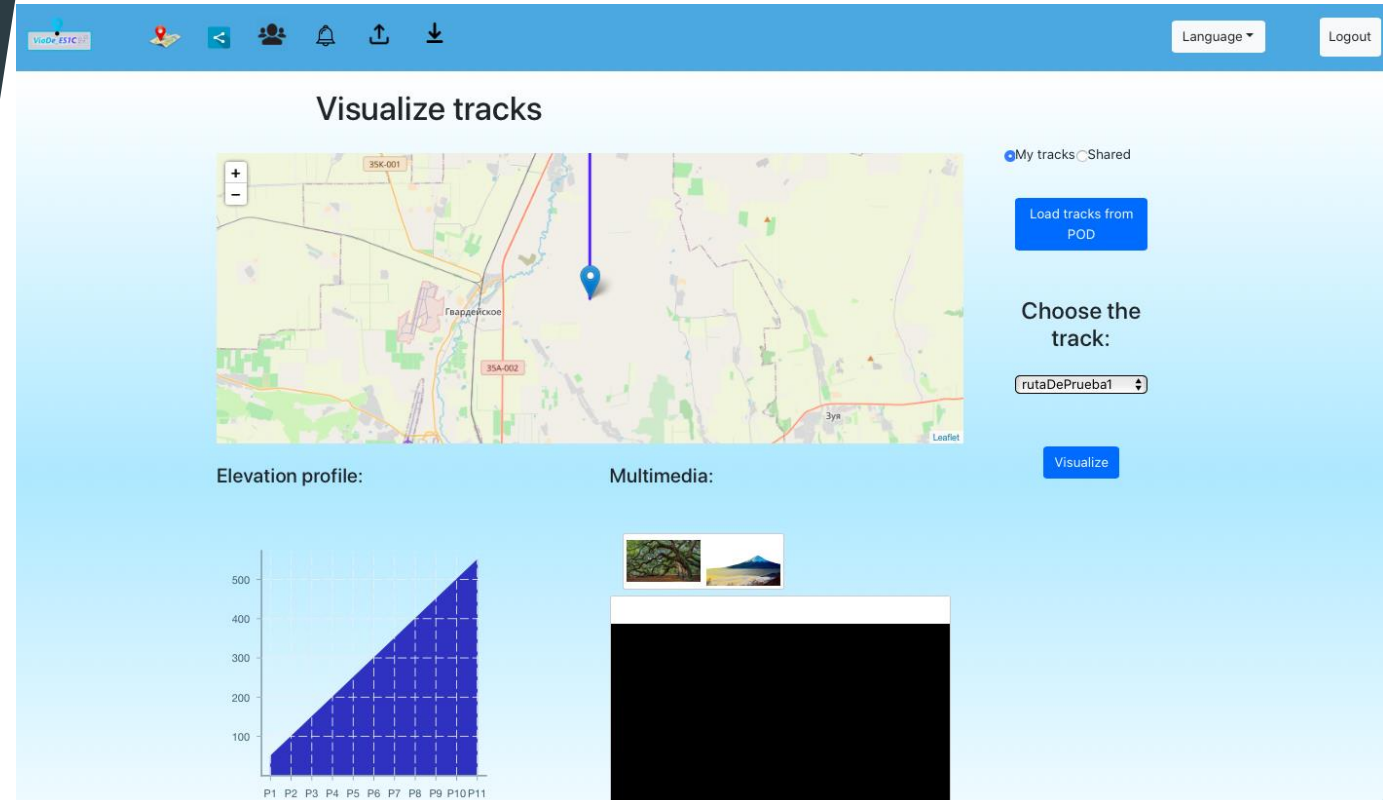
## > Global Information



STATISTICS											Expand all groups   Collapse all groups		
Requests ^	Executions					Response Time (ms)							
	Total	OK	KO	% KO	Cnt/s	Min	50th pct	75th pct	95th pct	99th pct	Max	Mean	Std Dev
Global Information	1212	1200	12	1%	11.119	1	42	426	3965	33872	60002	1488	6761

# 6. Retrospectiva final

build passing codecov 72% code quality A





# Enlaces a vídeos

- ▶ Demo de la aplicación:

- ▶ [https://www.youtube.com/watch?v=R8vcHsHQxS0&feature=emb\\_title](https://www.youtube.com/watch?v=R8vcHsHQxS0&feature=emb_title)

- ▶ Vídeo de la ejecución de pruebas de aceptación:

- ▶ [https://www.youtube.com/watch?time\\_continue=2&v=KvUG0xHy97s&feature=emb\\_title](https://www.youtube.com/watch?time_continue=2&v=KvUG0xHy97s&feature=emb_title)



Gracias por su  
atención