

ESCUELA SUPERIOR POLITÉCNICA DEL LITORAL

Facultad de Ingeniería en Electricidad y Computación

Ingeniería en software 2

Paralelo #3

Documentación del proyecto final

Grupo: Service-Soft

Miembros del grupo:

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Christian Portilla

Genesis Riera

Albin Arias

Fecha de entrega:

17/08/2021

Nombre del profesor:

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Término Académico:

2021-1S

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1- Git Repository (e.g. Bitbucket, GitHub) for Code and Documents

We work in 3 GitHub because the product owner recommends that so for that reason, we have 3 links:

- **Web App:** <https://github.com/scarletespinozaMoreno/my-app>
- **Movil App:** <https://github.com/scarletespinozaMoreno/AppMovil>
- **Panel Admin:** <https://github.com/albinisma96/panelAdmin>

2- The Pre-recorded video

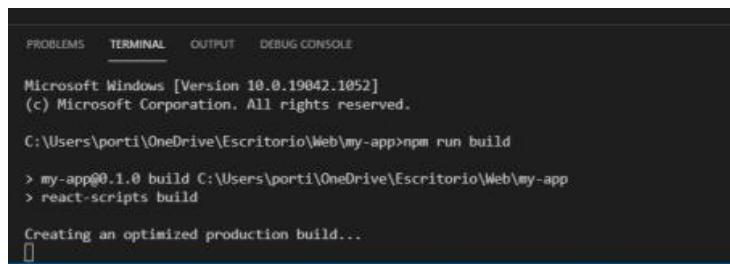
Link to the video: <https://www.youtube.com/watch?v=qQHs4x5KEtg>

3- Use of a Build Automation Tool for the Project.

We use node.js in special the use o npm to make a build automation of the project this action create a folde that contain all the project ready to build directaly.

WEB AND PANEL VERSION:

1. Go to the main folder of the project
2. Eject the command “npm run build”
3. Put the command “npm install -g serve”
4. After that, eject “serve -s build”
5. Then you can comprobate in localhost:5000 that your project is running



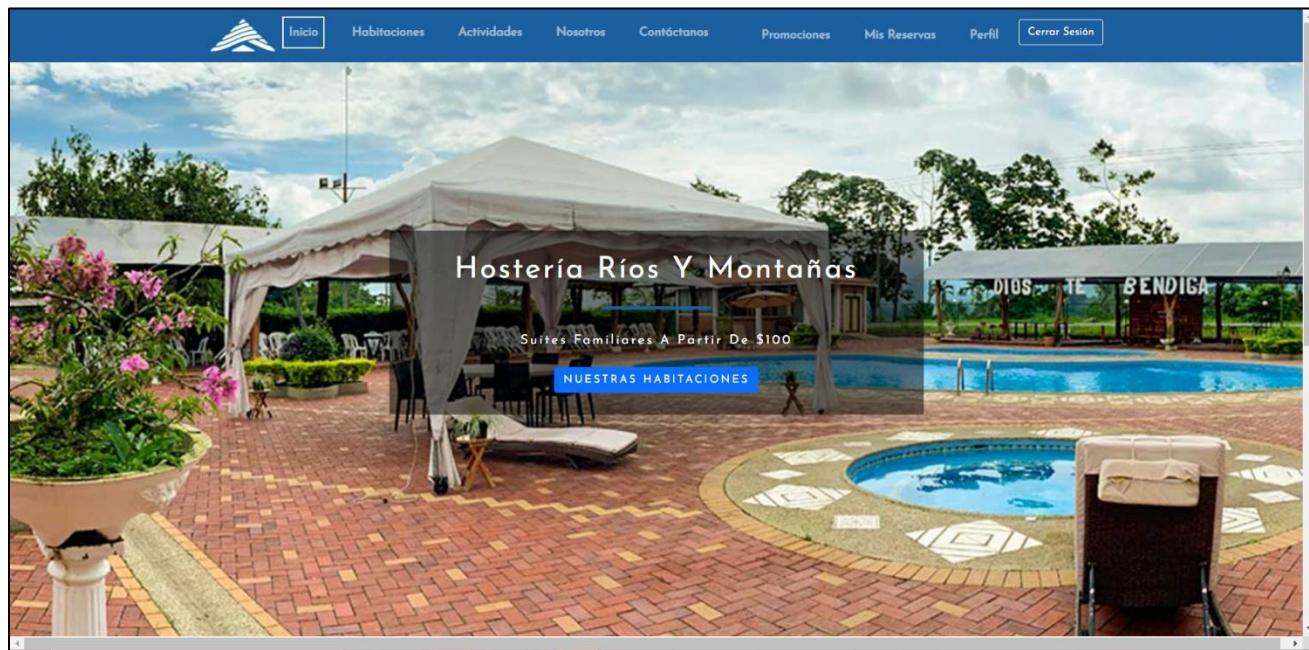
```
PROBLEMS TERMINAL OUTPUT DEBUG CONSOLE

Microsoft Windows [Version 10.0.19042.1052]
(c) Microsoft Corporation. All rights reserved.

C:\Users\porti\OneDrive\Escritorio\Web\my-app>npm run build

> my-app@0.1.0 build C:\Users\porti\OneDrive\Escritorio\Web\my-app
> react-scripts build

Creating an optimized production build...
[]
```



HOSTERIA

Habitaciones

[AGREGAR HABITACIÓN](#)

012

Categoría: Habitación Simple

Descripción:

Cama plaza $\frac{1}{2}$
1 Cama plaza $\frac{1}{2}$
Cama 2 plazas
Aire acondicionado
Baño con agua caliente
Televisión
Incluye desayuno y uso de instalaciones.

Precio: \$ 700

[ELIMINAR](#) [EDITAR](#)

001

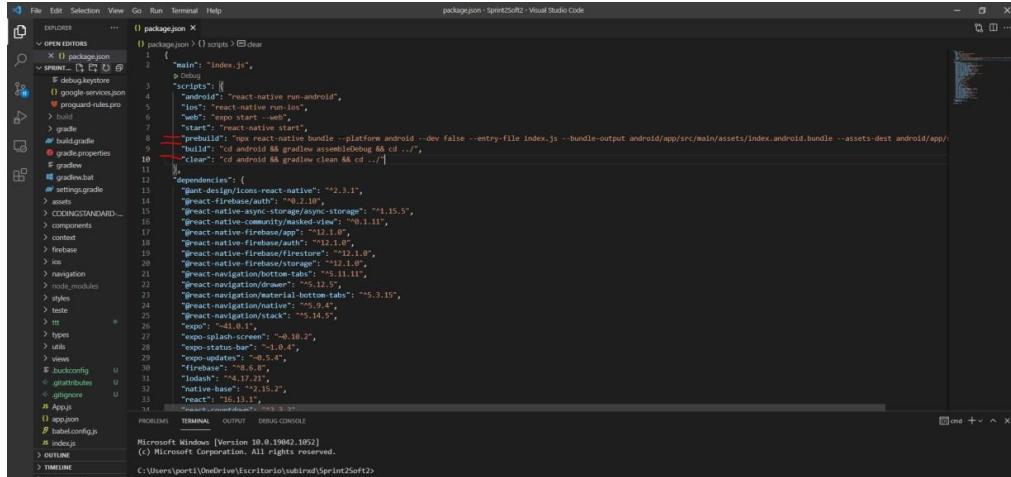
Categoría: Habitación Doble

Descripción:

Cama de 2 plazas
Cama de plaza $\frac{1}{2}$
Aire acondicionado

APP MOBILE VERSION:

1. Configure this in your package.json file

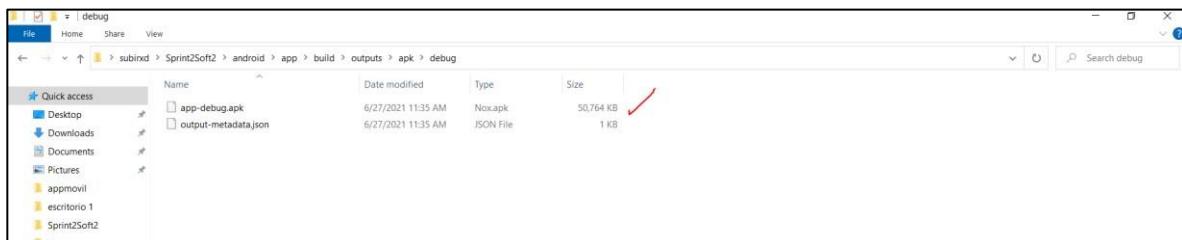


```
File Edit Selection View Go Run Terminal Help
EXPLORER    package.json
  X package.json
  X package.json > scripts > clear
    1   { "main": "index.js",
    2     "scripts": {
    3       "prebuild": "npx react-native bundle --platform android --dev false --entry-file index.js --bundle-output android/app/src/main/assets/index.android.bundle --assets-dest android/app/",
    4       "build": "cd android && gradlew assembleDebug && cd ..",
    5       "clear": "cd android && gradlew clean && cd .."
    6     },
    7     "dependencies": {
    8       "react-native": "0.63.1",
    9       "react-native-gesture-handler": "1.10.0",
   10       "react-native-screens": "3.15.5",
   11       "react-native-community/masked-view": "0.1.10",
   12       "react-native-firebase/app": "8.1.1",
   13       "react-native-firebase/auth": "8.1.0",
   14       "react-native-firebase/firestore": "8.1.0",
   15       "react-native-firebase/storage": "8.1.0",
   16       "react-native-navigation-bottom-tabs": "2.11.1",
   17       "react-native-navigation-material-bottom-tabs": "2.11.1",
   18       "react-native-navigation/native": "5.3.15",
   19       "react-native-navigation/stack": "5.14.5",
   20       "expo": "41.0.13",
   21       "expo-splash-screen": "0.10.2",
   22       "expo-updates": "0.15.4",
   23       "expo-updates-base-components": "0.8.8",
   24       "lodash": "4.17.21",
   25       "native-base": "2.13.2",
   26       "react": "16.13.1",
   27       "react-native": "0.63.1"
   28     }
   29   }
   30   PROBLEMS TERMINAL OUTPUT DEBUG CONSOLE
   31 Microsoft Windows [Version 10.0.19042.1052]
   32 (C) Microsoft Corporation. All rights reserved.
   33 C:\Users\perfil\OneDrive\escritorio\sprint2soft2>
```

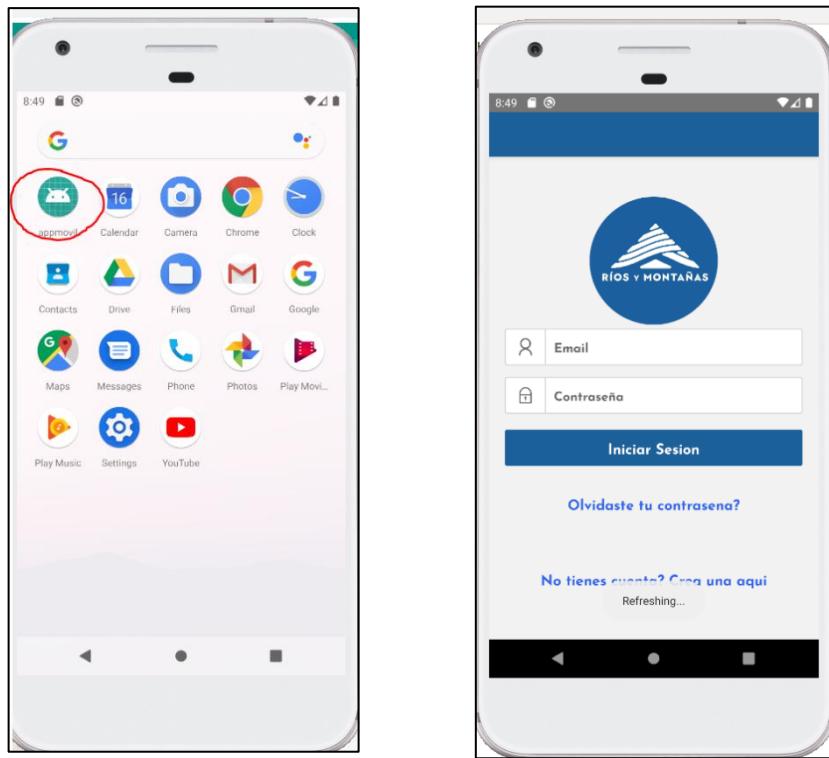
```
"prebuild": "npx react-native bundle --platform android --dev false --entry-file index.js --bundle-
output android/app/src/main/assets/index.android.bundle --assets-dest android/app/src/main/res",
"build": "cd android && gradlew assembleDebug && cd ..",
"clear": "cd android && gradlew clean && cd .."
```

2. run this command “npm run clear”

3. Create a empty folder called “assets” in /android/app/src/main folder of your project.



4. run this command “npm run build”
5. Wait for the build, and then we get the APK
6. Run the APK in your android device.



4- Evidence of adherence to SCRUM:

EVIDENCE OF THE CLICK UP

Roles

ASISTENTES	
NOMBRES	CARGO
Victor Alvarado	Jefe de Proyecto
Christian Portilla	Líder de Proyecto
Scarlet Epinoza	Scrum Master
Albin Arias	Desarrollador
Leonardo Castro	Product Owner
Génesis Riera	Desarrollador

Planning

- The sprint review with the product owner: 28/06/21 to 14/08/21
- In the sprint 3 and 4, we are going to make: 3 tasks beside the app web and app móvil.
- The date scrum meeting: Thursday at 8:30 pm (the product owner also is going to be).

Members of sprint planning 3-4

A screenshot of a sharing settings dialog. At the top, there's a search bar labeled "Filter people...". Below it, a "Shared with" section shows "FOLDER Sprints 6 people". There are six entries listed, each with a profile picture, name, role, and a dropdown menu indicating "Full" access:

- Me [List Owner]
- Albin Arias [Workspace owner]
- Christian Portilla
- Genesis Riera
- Leonardo Castro
- Victor Alvarado [Admin]

TASK#10: Make corrections in the mobile app

- Start date: 9/07/21 to 15/07/21
- Víctor Alvarado, Albín Arias, Christian Portilla, Génesis Riera, Scarlet Espinoza made it.

PRODUCT BACKLOG:

A screenshot of a product backlog item for "Tarea 10: Make corrections in the mobile app".

TO DO **CP GR AA +2** **Share** **...**

CREATED Aug 16, 12:24 am **START DATE** Jul 9 **DUCK DATE** Jul 15

5 SUBTASKS ↑ Manual

Subtasks:

- ✓ Arreglar la sección de editar perfil **...** Jul 9 Jul 15
- ✓ Cambiar el tipo de fuente de la aplicación móvil **...** Jul 8 Jul 13
- ✓ Agregar la pestaña de revisar reservas actuales en la aplicación **...** Jul 8 Jul 14
- ✓ Agregar la pestaña de revisar reservas pasadas en la aplicación **...** Jul 8 Jul 15
- ✓ Guardar las imágenes del usuario en Firebase **...** Jul 8 Jul 15

Comments:

- You uploaded 2 files 50 mins
- WhatsApp Image 2... WhatsApp Image 2...
- You changed name: Tarea 3 49 mins
- You changed name: Tarea 310 46 mins
- Scarlet Espinoza changed name: Arreglo #1 4 mins

New subtask:

SUBTAKS#10

The screenshot shows a digital task management interface. At the top, there's a header with 'To Do' and an 'Add' button. Below this, a section titled '5 SUBTASKS' is displayed with a 'Manual' link. The subtasks are listed with checkmarks, icons, descriptions, and due dates:

- ✓ CP Arreglar la sección de editar perfil Jul 8 Jul 15
- ✓ AA Cambiar el tipo de fuente de la aplicación móvil Jul 8 Jul 13
- ✓ SE Agregar la pestaña de revisar reservas actuales en la aplicación Jul 8 Jul 14
- ✓ GR Agregar la pestaña de revisar reservas pasadas en la aplicación Jul 8 Jul 15
- ✓ GU Guardar las imágenes del usuario en Firebase Jul 8 Jul 15

ATTACHMENTS

The screenshot shows a mobile device screen displaying a history of attachments. It includes a message from 'You' about creating a subtask, file uploads, name changes, and timestamps.

- You created subtask: Guardar las imágenes del usuario en Firebase 23 mins
- You uploaded 2 files 9 mins:
 -
 -
- WhatsApp Image 2... WhatsApp Image 2... 9 mins
- You changed name: Tarea 3 9 mins
- You changed name: Tarea 310 5 mins

TASK#11: Make corrections in the web app

- Start date: 29/06/21 to 16/07/21
- Victor Alvarado, Scarlet Espinoza made it.

PRODUCT BACKLOG

The screenshot shows a product backlog interface. At the top, there's a green button labeled "SPRINT 3" and several user icons. Below the header, the title "Tarea 11" is displayed. Under "To Do", there's a subtask list with three items, all of which are completed (indicated by a checkmark and a green circle). The first two subtasks have due dates of Jul 8 and Jul 13 respectively, while the third has a due date of Jul 14. A "New subtask" input field is present. To the right of the main task area, there's a sidebar with activity logs:

- You changed name: Task 12 (10:09 am)
- You removed assignee: Scarlet Espinoza (10:10 am)
- You uploaded a file (10:15 am): A thumbnail for "web.png" is shown.
- > 5 more updates
- Scarlet Espinoza changed due date from Jul 12 to Jul 8 (10:41 am)
- You changed status from To Do to Sprint 3 (10 mins ago)

At the bottom of the sidebar, there are "All" and "Mine" buttons.

SUBTASKS#11

This screenshot shows the "To Do" section of Task 11. It lists three subtasks, all of which are completed:

- Cambiar el tipo de fuente (Jul 8 - Jul 12)
- Cambiar el diseño de los botones (Jul 8 - Jul 13)
- Agregar la sección de promociones (Jul 8 - Jul 14)

A "New subtask" input field is at the bottom. The "All" and "Mine" buttons are visible at the top right.

ATTACHMENTS

This screenshot shows the attachments section for Task 11. It displays a single file named "web.png". The file was uploaded by You on Jun 29, 9:52 pm, with a due date of Jul 14. The attachment is a thumbnail showing a web application interface.

TASK#12: Make corrections in the admin panel

- Start date: 9/07/21 to 16/07/21
- Albín Arias, Christian Portilla, Génesis Riera made it.

PRODUCT BACKLOG:

The screenshot shows a product backlog item for "Task 12". The main title "Task 12" is at the top. Below it, there's a "To Do" section with a "Add" button. Under "3 SUBTASKS", three tasks are listed:

- ✓ GR Cambiar el tipo de fuente en el panel Jul 8 Jul 12
- ✓ CP Cambiar el diseño de los botones Jul 8 Jul 13
- ✓ AA Agregar la sección de promociones Jul 8 Jul 14

On the right side, there are several status indicators and a file upload section showing "web.png".

SUBTAKS#12

This screenshot shows the subtasks for "Task 12". The main title "Task 12" is at the top. Below it, there's a "To Do" section with a "Add" button. Under "3 SUBTASKS", three tasks are listed:

- ✓ GR Cambiar el tipo de fuente en el panel Jul 8 Jul 12
- ✓ CP Cambiar el diseño de los botones Jul 8 Jul 13
- ✓ AA Agregar la sección de promociones Jul 8 Jul 14

ATTACHMENTS

The screenshot shows a task timeline with the following details:

- CREATED:** Aug 16, 9:33 am
- START DATE:** Jul 8
- DUUE DATE:** Jul 16

Activity log:

- > 11 more updates
- You changed name: Task 12 (6 min ago)
- You removed assignee: Scarlet Espinoza (5 min ago)
- You uploaded a file (Just now)
[Thumbnail: web.png]

TASK#13: As a user I want to view the activities offered by the application.

- Start date: 9/07/21 to 15/07/21
- Albín Arias, Christian Portilla made it.

PRODUCT BACKLOG:

The screenshot shows a product backlog item with the following details:

TO DO | **Aug 16** | **GR AA** | **Share** | **...**

Tarea 13: As a user I want to view the activities offered by the application

2 SUBTASKS ↑ Manual

- Agregar la sección de actividades** Jul 22 Aug 5
- Crear una función que permita verificar que actividades ya no estan disponibles** Jul 28 6 days ago

ACTION HISTORY:

- CREATED Aug 16, 10:22 am
- START DATE Jul 28
- DUUE DATE 2 days ago

Activity log:

- > 4 more updates
- You set the start date to Jul 28 (23 mins ago)
- You changed name: Tarea 13: As a user I want to view the activities offered by the application (20 mins ago)
- You uploaded a file (3 mins ago)
[Thumbnail: web.png]

SUBTAKS#13

Tarea 13: As a user I want to view the activities offered by the application

2 SUBTASKS ↑ Manual

- Agregar la sección de actividades | Jul 22 Aug 5
- Crear una función que permita verificar que actividades ya no estan disponibles | 6 days ago | Jul 28

New subtask

HIDE COMPLETED

ATTACHMENTS

CREATED Aug 16, 10:22 am | START DATE Jul 28 | DUE DATE 2 days ago

> 4 more updates

You set the start date to Jul 28 25 mins

You changed name: Tarea 13: As a user I want to view the activities offered by the application 22 mins

You uploaded a file 5 mins

web.png

TASK#14: As a user I want to verify the payment methods that are available in the web application

- Start date: 28/07/21 to 11/08/21
- Scarlet Espinoza, Victor Alvarado made it.

PRODUCT BACKLOG:

Tarea 14:Como usuario quiero verificar los métodos de pagos que están disponibles en la aplicación

To Do [Add ▾](#)

All Mine

2 SUBTASKS ↑ Manual

- Agregar los métodos de pagos disponibles Jul 28 5 days ago
- Almacenar a la base de datos el método de pago escogido por el usuario Jul 28 6 days ago

[New subtask](#) [HIDE COMPLETED](#)

CREATED Aug 16, 1:14 pm | START DATE Jul 28 | DUE DATE 5 days ago

You assigned to: Victor Alvarado 8 mins

You set priority to: High 8 mins

You uploaded a file web.png 1 min

> 3 more updates

SUBTAKS#14

Tarea 14:Como usuario quiero verificar los métodos de pagos que están disponibles en la aplicación

To Do [Add ▾](#)

All Mine

2 SUBTASKS ↑ Manual

- Agregar los métodos de pagos disponibles Jul 28 5 days ago
- Almacenar a la base de datos el método de pago escogido por el usuario Jul 28 6 days ago

ATTACHMENTS

CREATED Aug 16, 1:14 pm | START DATE Jul 28 | DUE DATE 5 days ago

You assigned to: Victor Alvarado 8 mins

You set priority to: High 8 mins

You uploaded a file web.png 1 min

> 3 more updates

> 3 more updates

TASK#15: As a user I want to verify the payment methods that are available in the mobil application

- Start date: 28/07/21 to 12/08/21
- Christian Portilla, Génesis Riera and Albín Arias made it.

PRODUCT BACKLOG:

The screenshot shows a product backlog item with the following details:

Title: Tarea 15: Como usuario quiero verificar los métodos de pagos que están disponibles en la aplicación móvil

Subtasks: 3 SUBTASKS (Manual)

- ✓ GR Agregar métodos de pago en la aplicación 6 days ago
- ✓ CP Almacenar el método de pago escogido por el usuario a firebase 6 days ago
- ✓ AA Realizar una función que permita confirmar el registro del método de pago en la colección del usuario Jul 28 5 days ago

Comments:

- You created subtask: Almacenar el método de pago escogido por el usuario a firebase 1 hour ago
- You created subtask: Realizar una función que permita confirmar el registro del método de pago en la colección del usuario 6 mins
- You uploaded a file WhatsApp Image 2... 2 mins

Buttons: TO DO, Share, ...

SUBTAKS#15

The screenshot shows a subtask view with the following details:

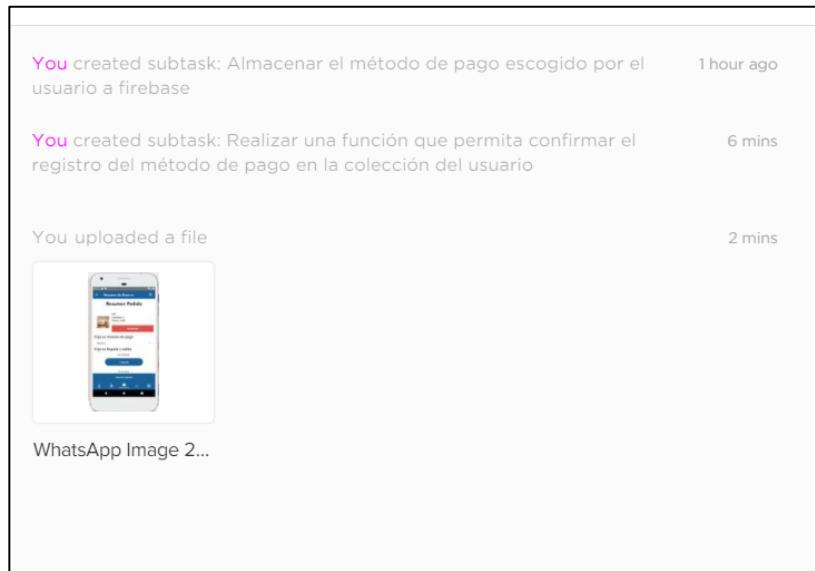
Title: Tarea 15: Como usuario quiero verificar los métodos de pagos que están disponibles en la aplicación móvil

Subtasks: 3 SUBTASKS (Manual)

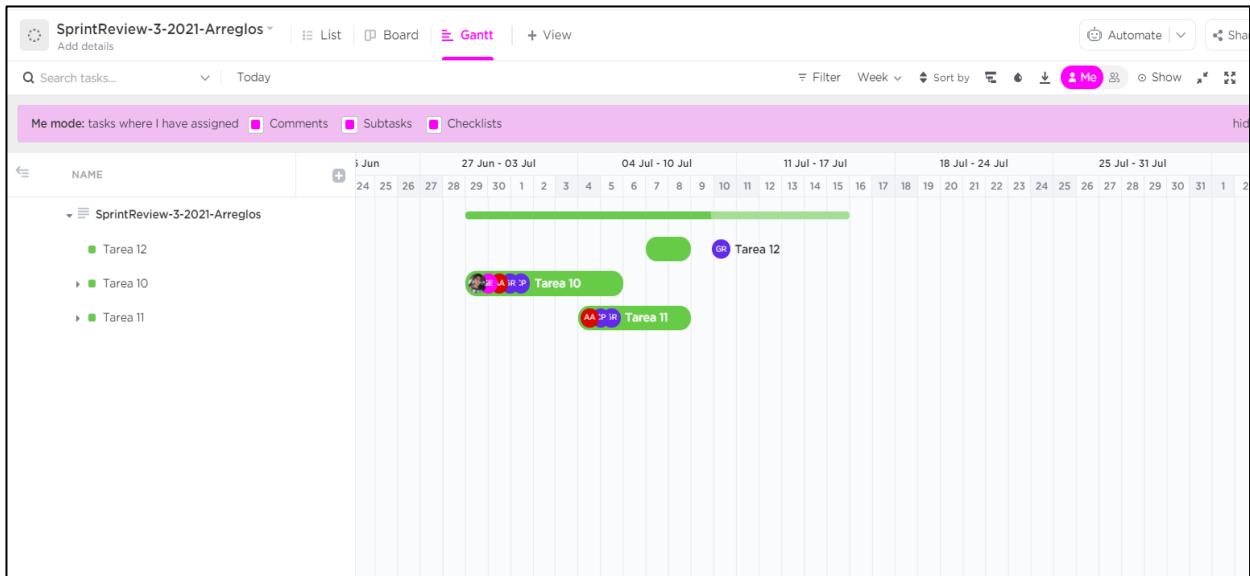
- ✓ GR Agregar métodos de pago en la aplicación 6 days ago
- ✓ CP Almacenar el método de pago escogido por el usuario a firebase 6 days ago
- ✓ AA Realizar una función que permita confirmar el registro del método de pago en la colección del usuario Jul 28 5 days ago

Buttons: New subtask, HIDE COMPLETED

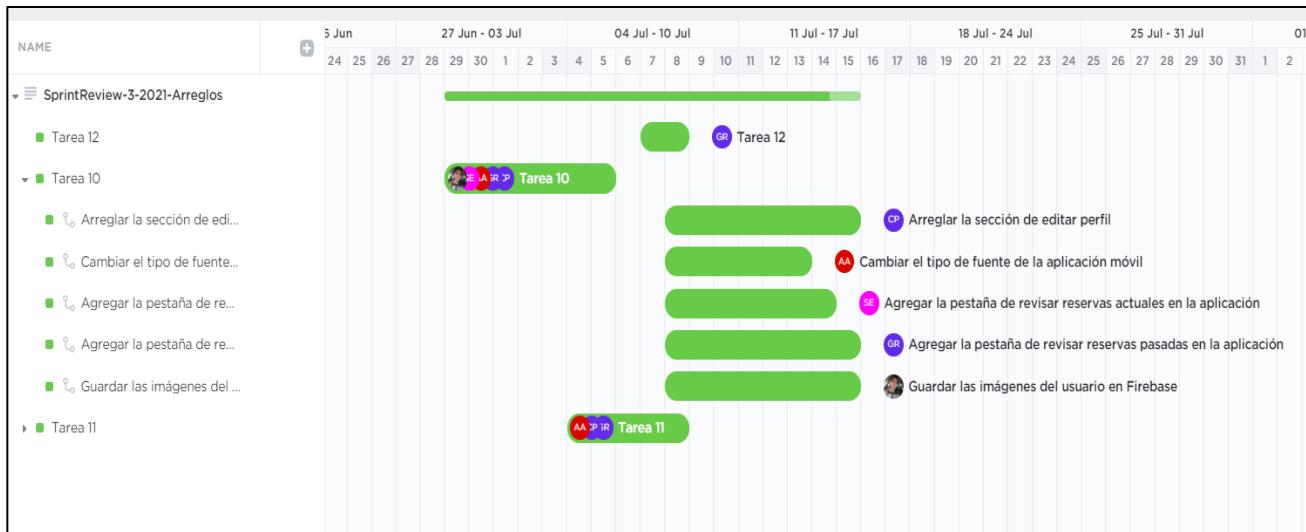
ATTACHMENTS



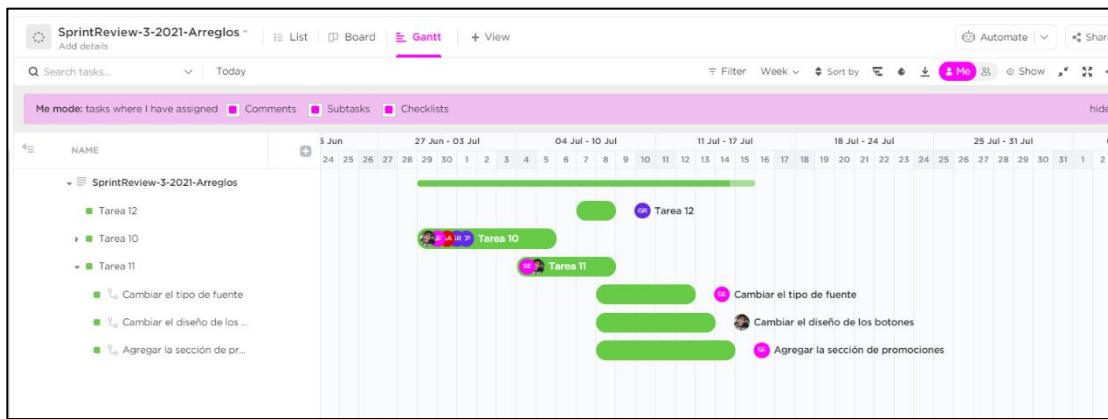
PRODUCT BACKLOG FINISHED, TASK IN GENERAL IN SPRINT 3



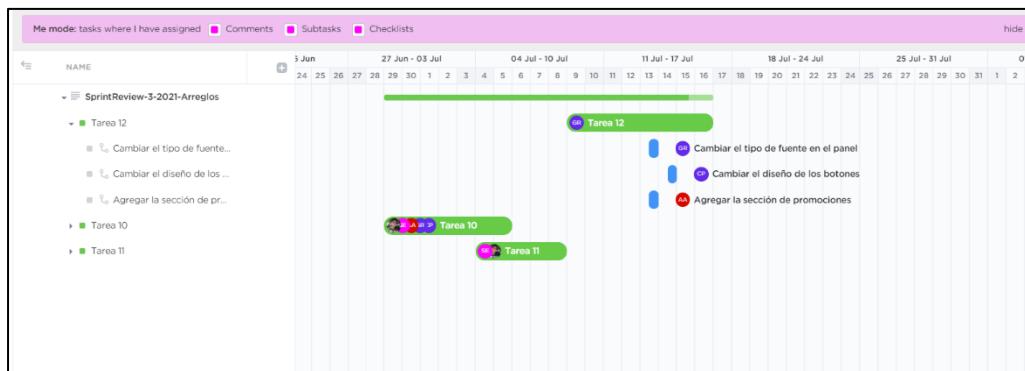
PER SUBTAKS#10



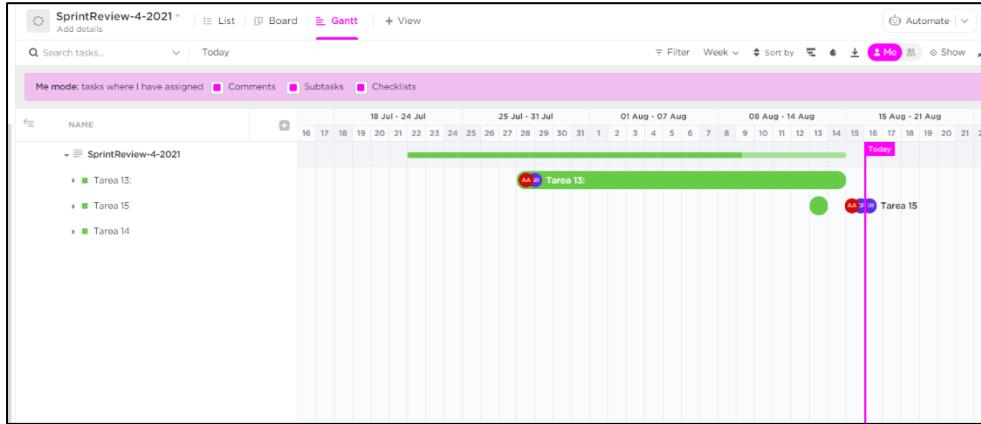
PER SUBTAKS#11



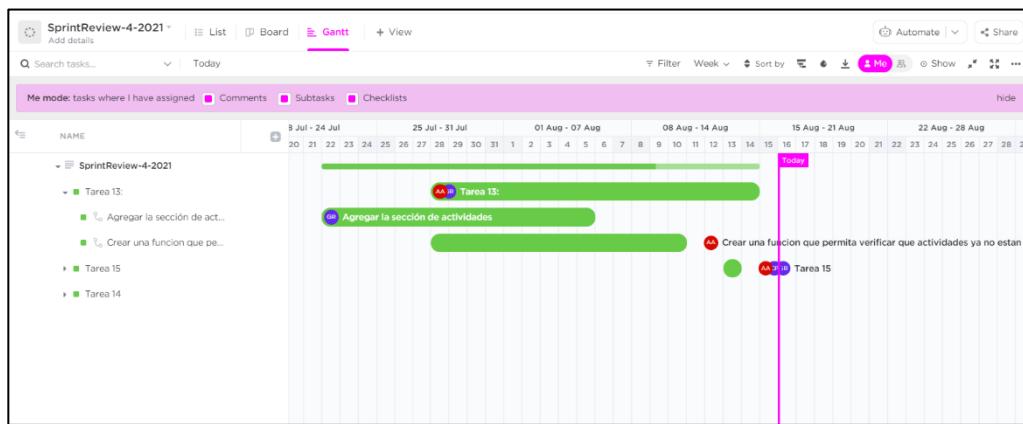
PER SUBTAKS#12



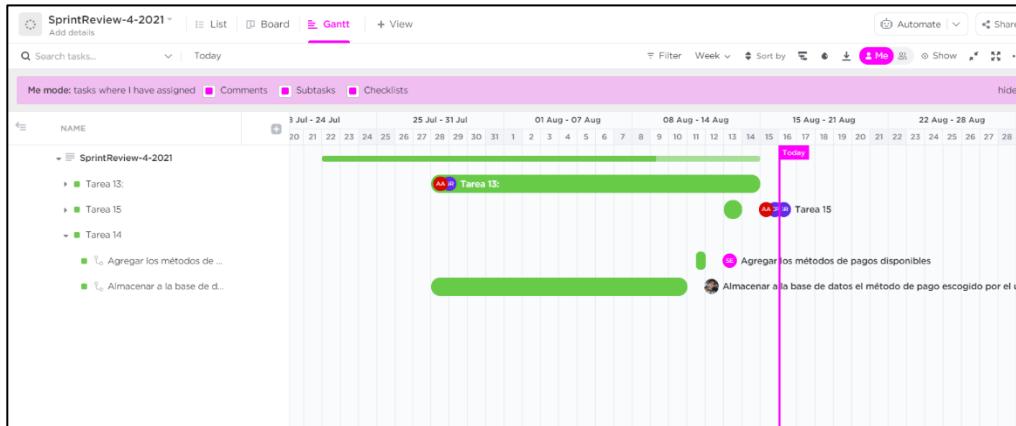
PRODUCT BACKLOG FINISHED, TASK IN GENERAL IN SPRINT 4



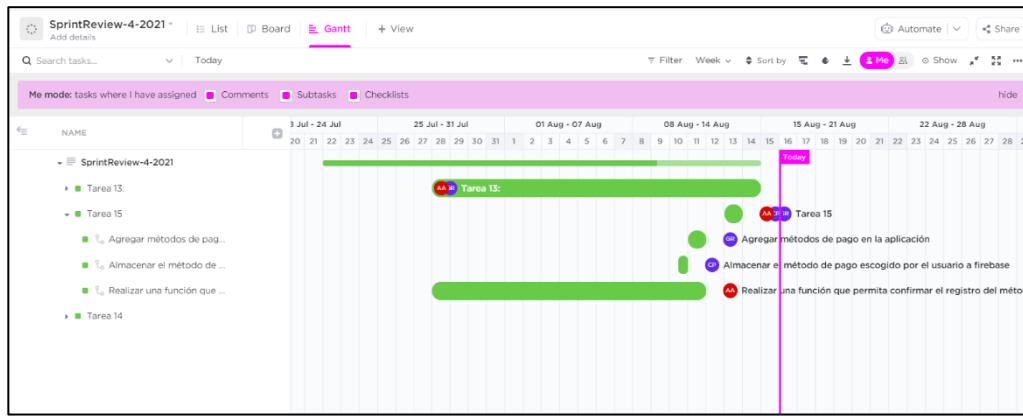
PER SUBTAKS#13



PER SUBTAKS#14



PER SUBTAKS#15



SPRINT#3-END WITH EVIDENCE

The screenshot shows a ClickUp board view for the SprintReview-3-2021-Arreglos space. It displays three task cards: Tarea 10, Tarea 12, and Tarea 13. Tarea 10 is due from Jun 29 to Jul 5. Tarea 12 is due from Jul 9 to Jul 16. Tarea 13 is due from Jul 20 to Jul 27. Each card has a detailed description and a progress bar indicating completion status.

SPRINT#4-END WITH EVIDENCE

The screenshot shows a ClickUp board view for the SprintReview-4-2021 sprint. It displays three task cards: Tarea 14, Tarea 13, and Tarea 15. Tarea 14 is due from Jul 28 to Aug 4. Tarea 13 is due from Jul 28 to Aug 4. Tarea 15 is due from Aug 4 to Aug 11. Each card includes a detailed description and a progress bar.

5- Coding Standard Documentation Detecting and Enforcing Coding Standards.

The Coding Standard in the project was realized with **SonarQube**, it is a platform for evaluating source code. It is free software and **uses various static code analysis tools such as Checkstyle, PMD or FindBugs** to obtain metrics that can help improve the quality of a program's code.

Evidence from the web:

Classification that sonar gave to our app web:

Some Rules applied:

Rule Description	Language	Type
"important" should not be used on "keyframes"	CSS	Bug
">\$this should not be used in a static context	PHP	Bug
"&&" and " " should be used	PHP	Code Smell
".equals()" should not be used to test the values of "Atomic" classes	Java	Bug
"<!DOCTYPE>" declarations should appear before "<html>" tags	HTML	Bug
"<>" should not be used to test inequality	Python	Code Smell
"<?php" and "<?= " tags should be used	PHP	Code Smell
"<fieldset>" tags should contain a "<legend>"	HTML	Bug
"<frames>" should have a "title" attribute	HTML	Bug
"<html>" element should have a language attribute	HTML	Bug
"<i>" and "<dt>" item tags should be in "", "" or "<dl>" container tags	HTML	Bug
"<object>" tags should provide an alternative content	HTML	Code Smell
"" and "" tags should be used	HTML	Bug
"<table>" tags should have a description	HTML	Bug
"<th>" tags should have "id" or "scope" attributes	HTML	Bug
"<title>" should be present in all pages	HTML	Bug
"==+" should not be used instead of "+="	Java	Bug

Bugs:

my-app master

June 24, 2021, 12:41 AM Version not provided

Overview Issues Security Hotspots Measures Code Activity

Bulk Change

Project Information 1 / 1 issues | 10min effort

My Issues All

Filters Clear All Filters

Type BUG

Bug 1

Vulnerability 0

Code Smell 64

src/components/sendContactUs.jsx

This function expects 4 arguments, but 5 were provided. Why is this an issue? 23 days ago L14

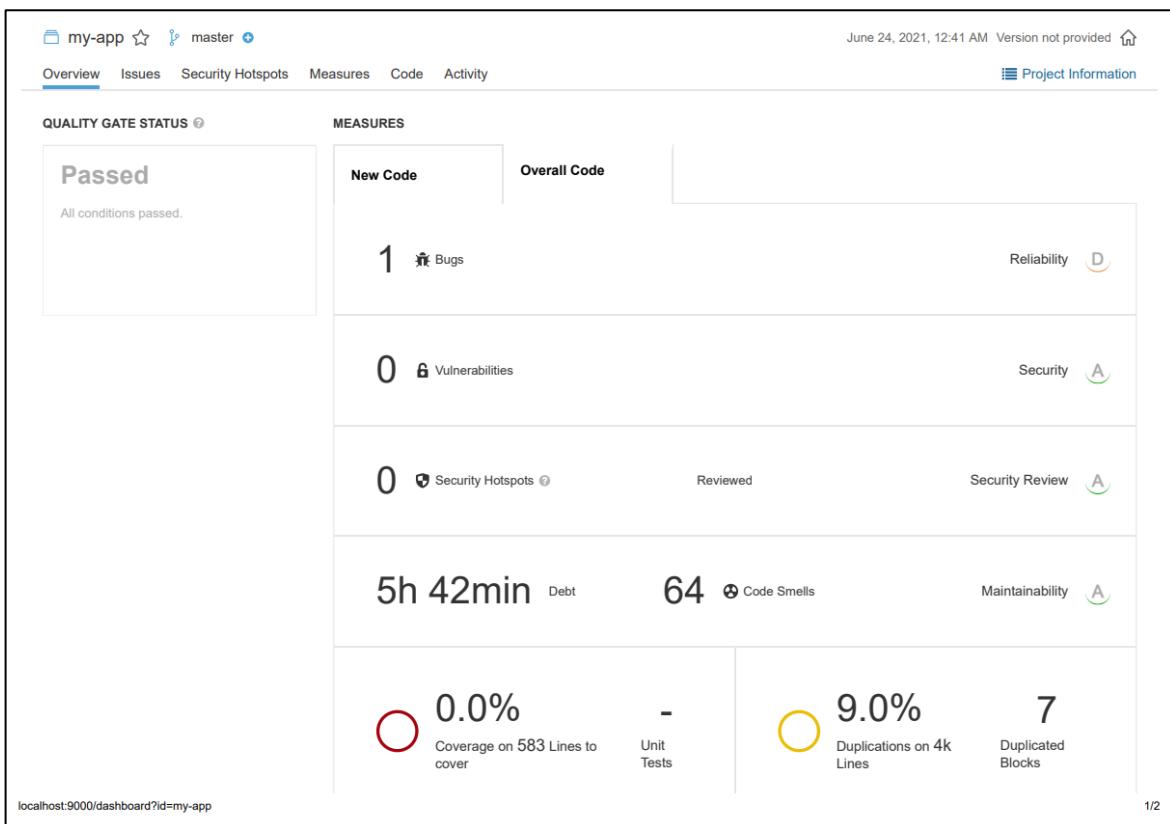
Bug Critical Open Not assigned 10min effort Comment based-on-misra, cwe

1 of 1 shown

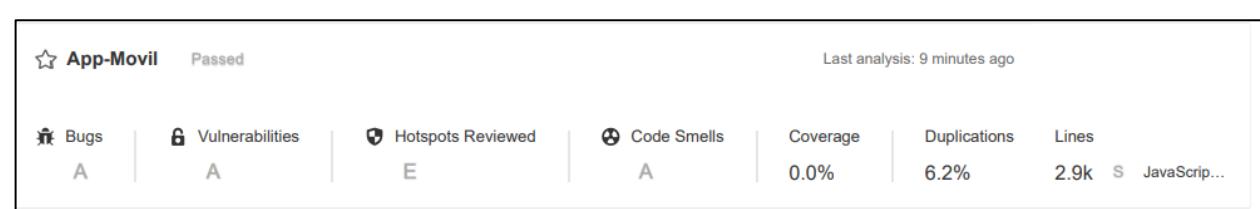
Grafic:



Measures:



Evidence from the App Movil:



Some Rules applied:

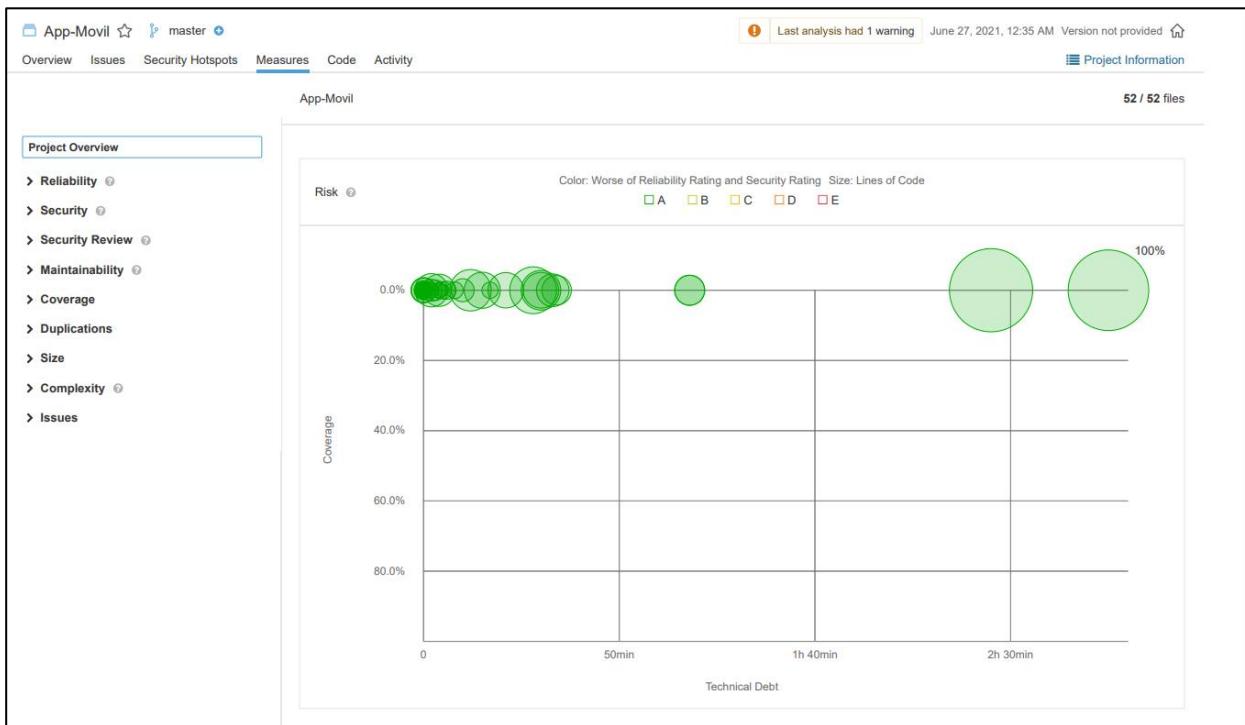
The screenshot shows a list of 2,492 rules. The left sidebar contains filters for Language (Java, C#, JavaScript, TypeScript, PHP, Python, VB.NET, Flex, HTML, Kotlin, Ruby, Scala, Go, CSS, XML) and Type (Bug, Vulnerability, Code Smell). The main area lists rules such as "!=+" should not be used instead of "+=" for various languages, and "@CheckForNull" or "@Nullable" should not be used on primitive types for Java.

Rule Description	Language	Type
"!=+" should not be used instead of "+="	Go	Bug
"!=+" should not be used instead of "+="	PHP	Bug
"!=+" should not be used instead of "+="	Ruby	Bug
"!=+" should not be used instead of "+="	Java	Bug
"!=+" should not be used instead of "+="	VB.NET	Bug
"==" and "!=" should not be used when "equals" is overridden	Java	Code Smell
"==" should not be used when "Equals" is overridden	C#	Code Smell
"===" and "!===" should be used instead of "==" and "!="	Flex	Code Smell
"===" and "!===" should be used instead of "==" and "!="	JavaScript	Code Smell
"===" and "!===" should be used instead of "==" and "!="	TypeScript	Code Smell
"@CheckForNull" or "@Nullable" should not be used on primitive types	Java	Code Smell
"@Controller" classes that use "@SessionAttributes" must call "setComplete" on their "SessionStatus" objects	Java	Bug
"@Deprecated" code marked for removal should never be used	Java	Code Smell
"@Deprecated" code should not be used	Java	Code Smell
"@EnableAutoConfiguration" should be fine-tuned	Java	Code Smell
"@NonNull" values should not be set to null	Java	Bug
"@Override" should be used on overriding and implementing methods	Java	Code Smell

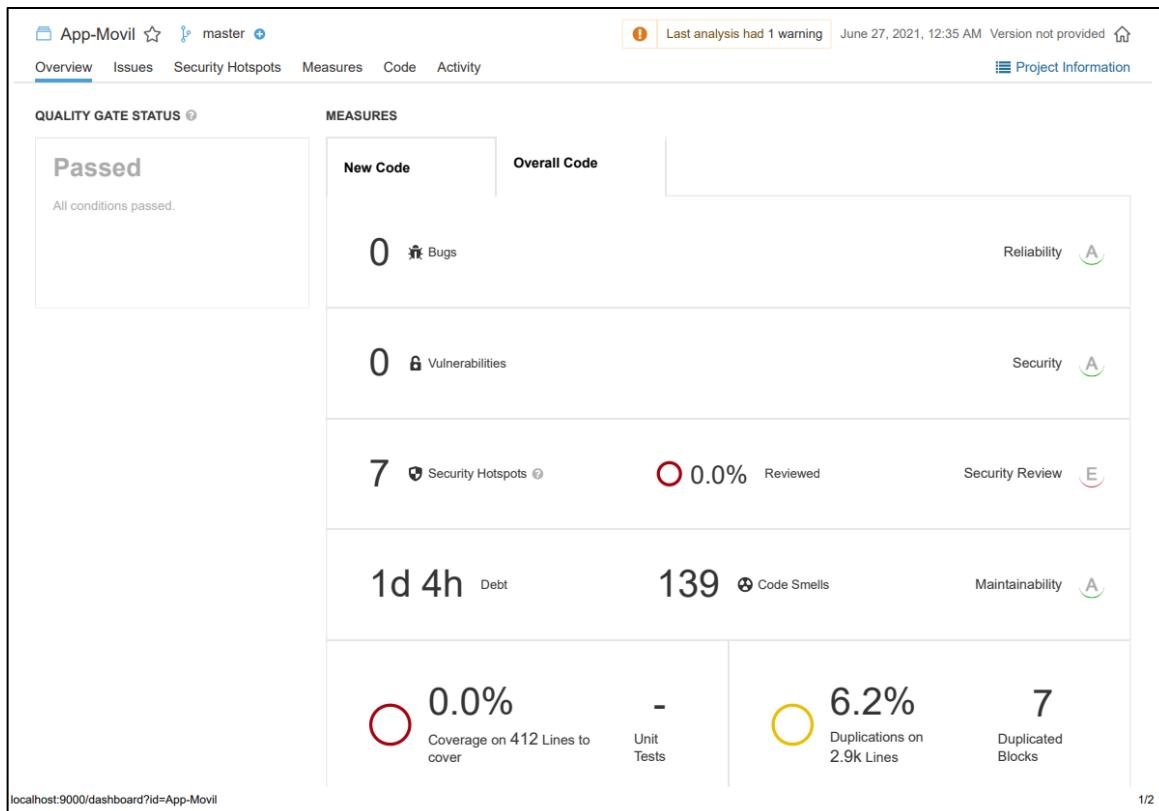
Bugs:

The screenshot shows a search results page for bugs. The left sidebar has filters for Type (BUG, Bug, Vulnerability, Code Smell) and a button to Clear All Filters. The main area displays a message: "We couldn't find any results matching selected criteria. Try to change filters to get some results."

Grafic:



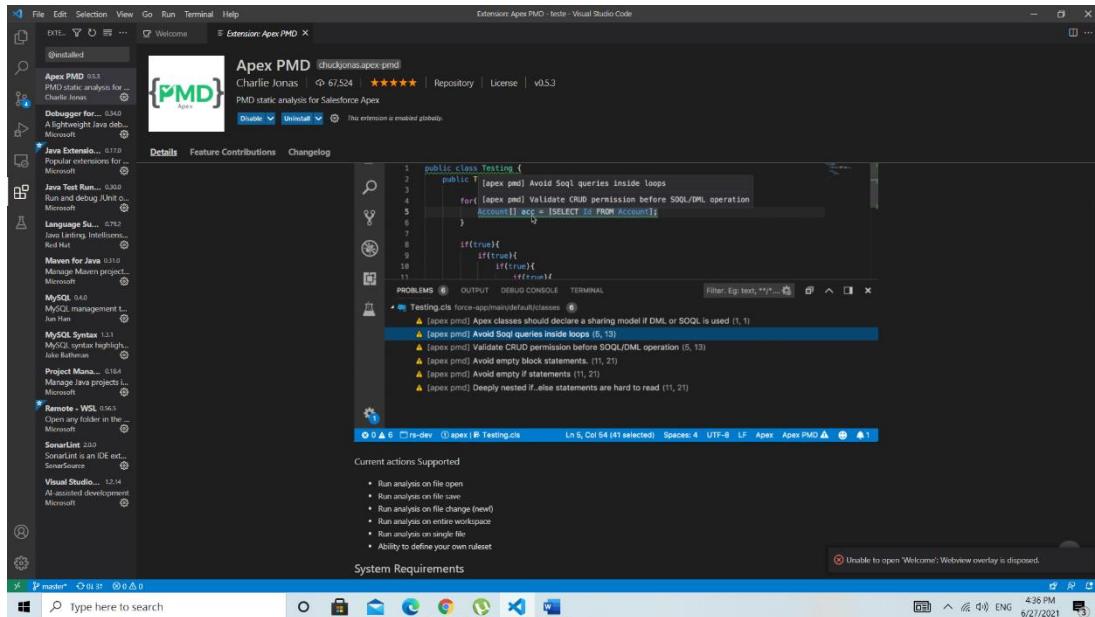
Measures:



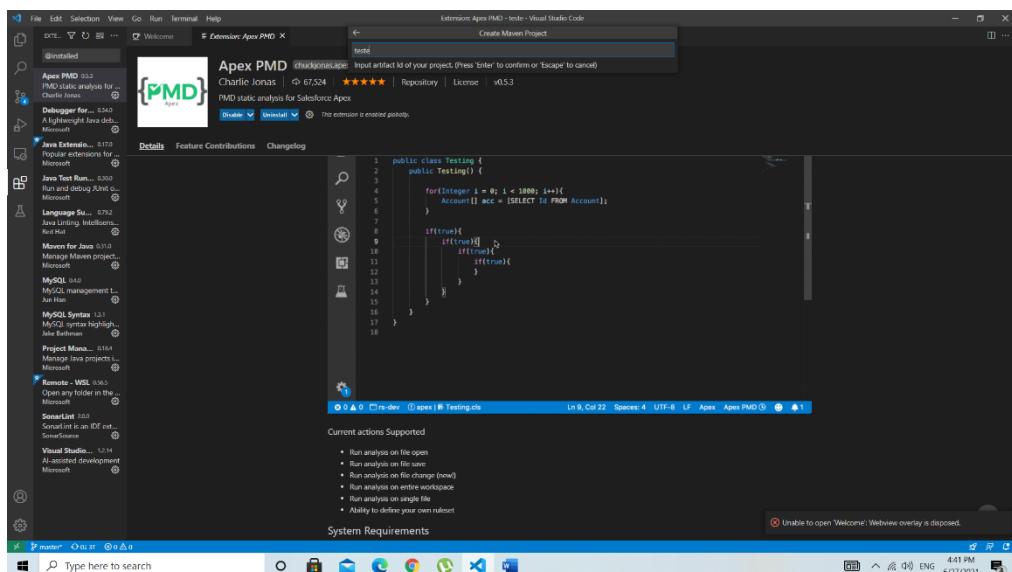
6- Preemptive Error Detection

PMD is a static source code analyzer. It finds common programming flaws like unused variables, empty catch blocks, unnecessary object creation, and so forth. It's mainly concerned with **Java and Apex**.

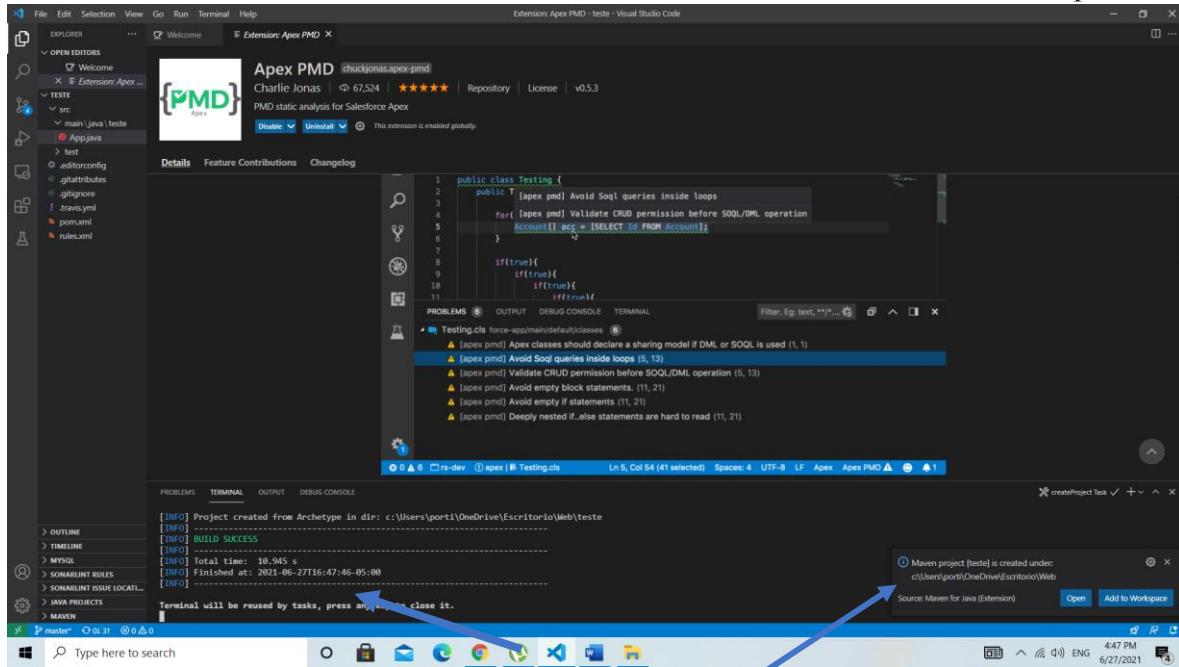
The first step we must do is install "Apex PMD", "Java test runner" and "Maven for Java"



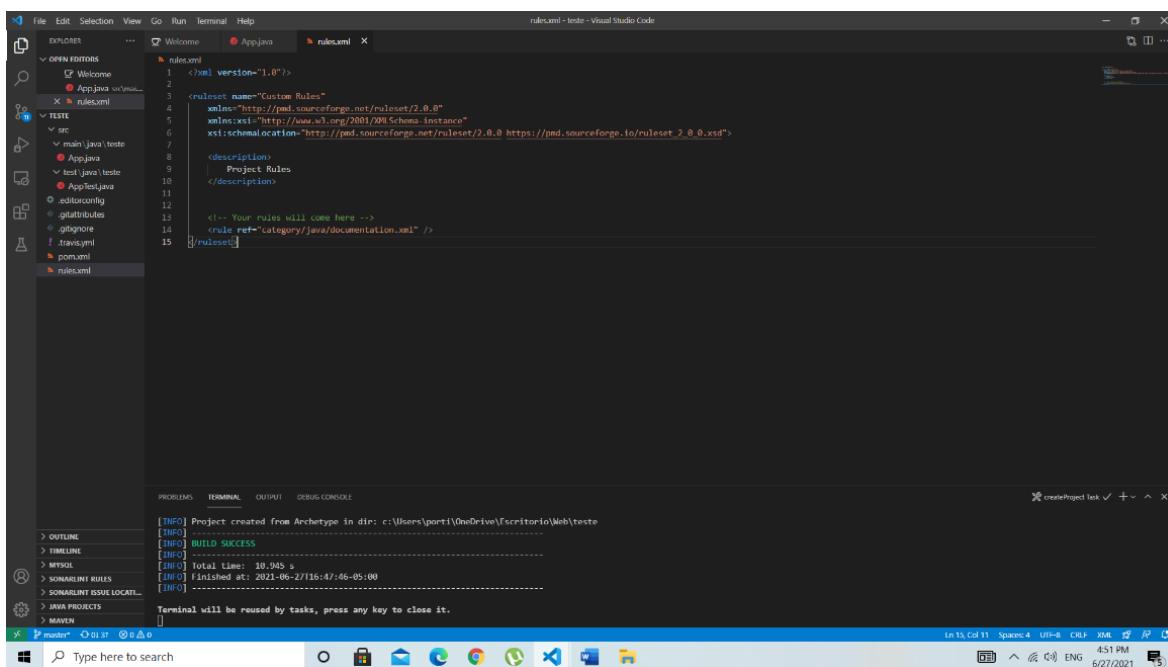
Then you go to the view section and open the command palette and open the command “ Mave: Create maven project”. We choose the latest version and then we write the name of the folder in which the files will be found with the analysis of the errors of the project.



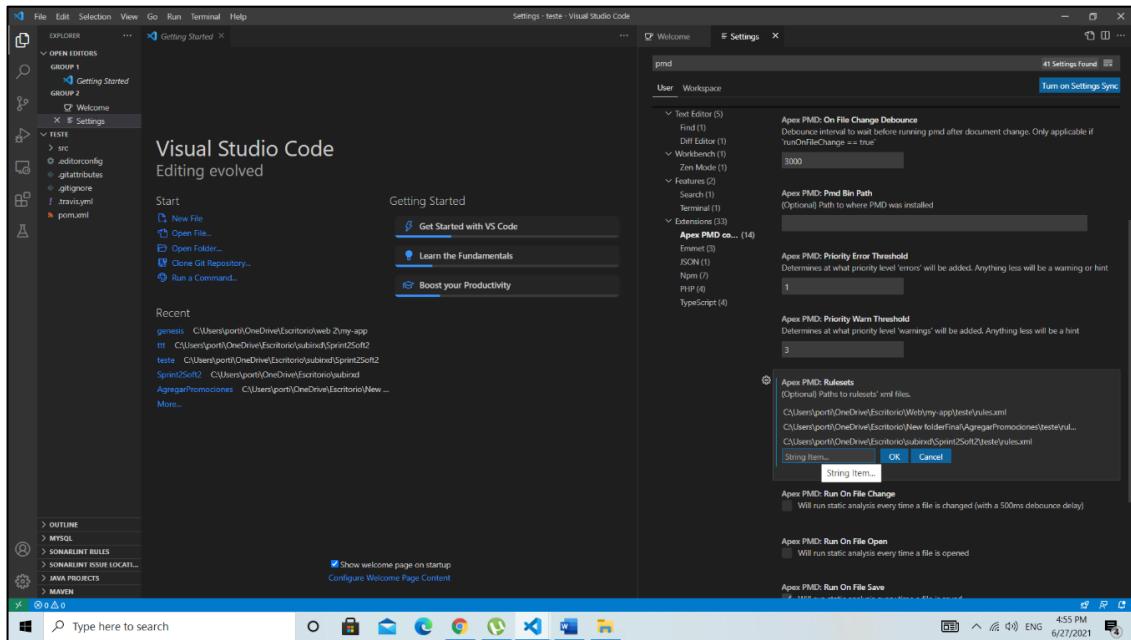
Then we will use the command "Maven: Create Maven Project", from there you select the option that allows you to open a java application, you choose the latest version in this case 2.0.0, well that's how you are creating the tests for the project. the name of the folder in this case I put "Teste"



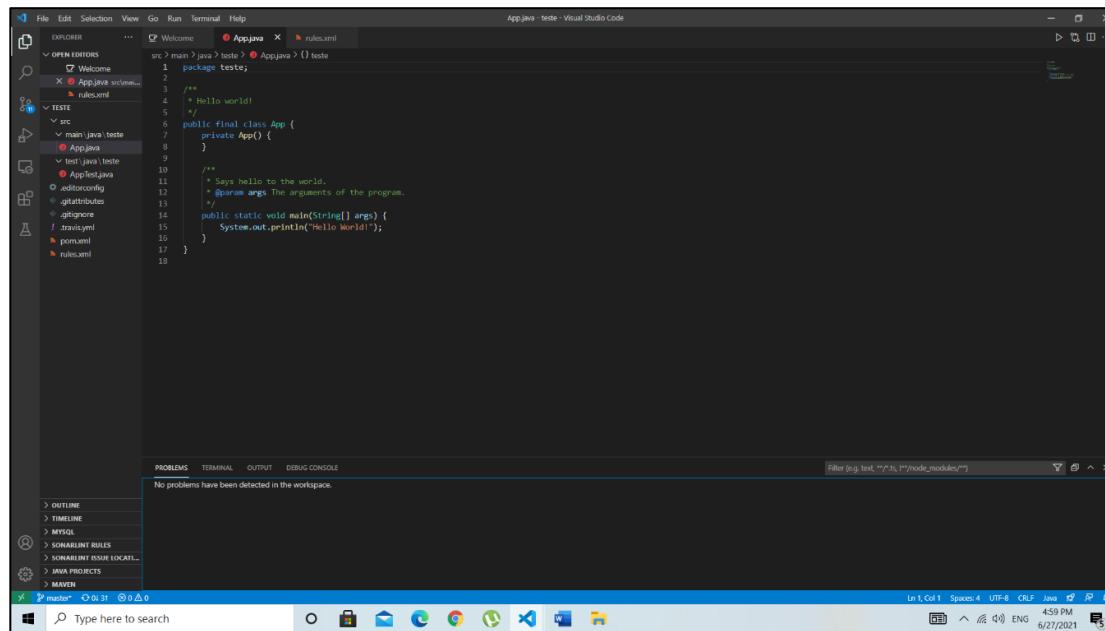
the teste folder of the project is automatically opened in visual studio, ntonces in the test folder some files are automatically created, but we must create the 'rules.xml' file.<rule ref="category/java/documentation.xml" /> That line of code extracts the Java documentation in which all the error sections that you may have in your project are found so as not to be putting all of them because there are quite a few.



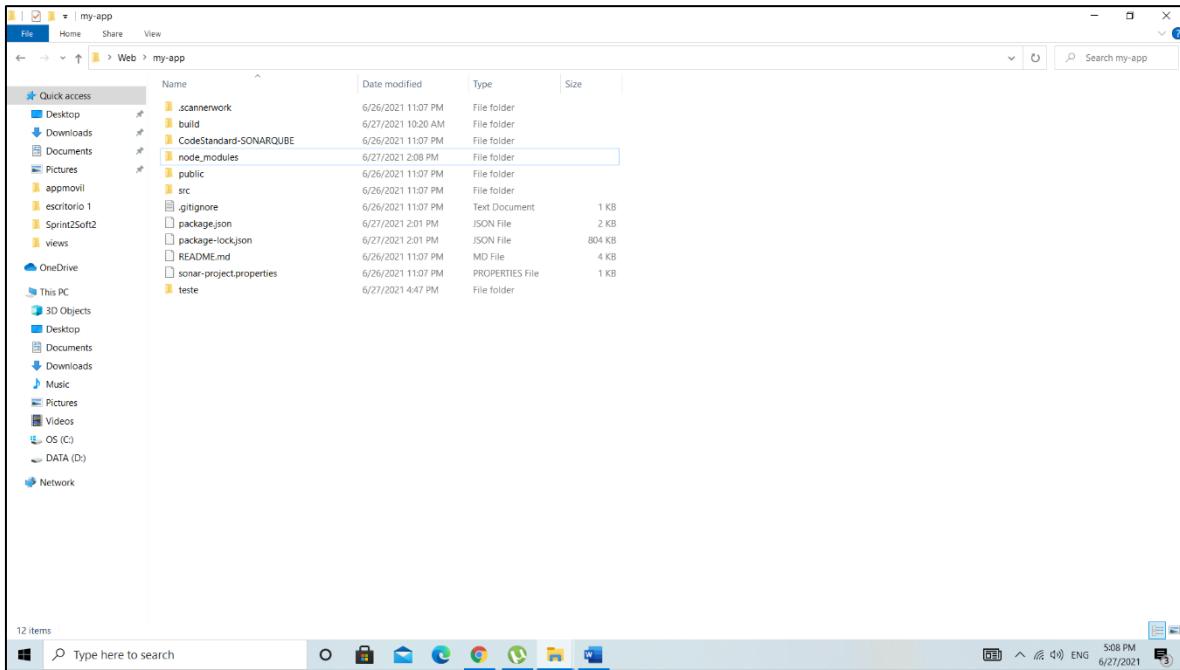
Once you have that you go back to the command palette and there you put "ferences: Open user settings. You look for the option" Apex: PMD: Additional Classes Paths, there you are going to add the Apex path of the rules.xml file.



Once you add it, you go to the App.java test document and put the Apex Static Alalysis option on workspace, and there you have the errors.



We can see that the "test" folder was created in the project.



7- Use of a continuous integration tool (e.g. Jenkins) with quality data.

For this activity, we're going to use GITHUB ACTIONS, First

thing to do is, to:

1. Create a folder in the main folder of our project, it's had to call ". GitHub"
2. Enter in that folder, and then create another folder that calls "workflows"
3. Create a yaml document and put this code:

The screenshot shows the VS Code interface with the following details:

- EXPLORER**: Shows files like `integrate.yaml`, `panelAdmin`, `node_modules`, `public`, `src`, `test2`, `teste`, `package-lock.json`, `package.json`, `postcss.config.js`, `README.md`, `tailwind.js`, and `yarn.lock`.
- PANEL**: Shows a tree view of `panelAdmin > .github > workflows > integrate.yaml`.
- CODE EDITOR**: Displays the content of `integrate.yaml`:1 name: integracion continua con react.js
2
3 on:
4 pull_request:
5 branches: [master]
6
7 jobs:
8 ci_to_master:
9 runs-on: ubuntu-latest
10 steps:
11 - uses: actions/checkout@v2
12 - uses: actions/setup-node@v1
13 with:
14 node-version: 10
15 - run: npm ci
16 - run: npm test
17 - run: npm run build
- TERMINAL**: Shows the command prompt output:

```
Microsoft Windows [Version 10.0.19042.1165]
(c) Microsoft Corporation. All rights reserved.

C:\Users\porti\OneDrive\Escritorio\panel>
```
- PROBLEMS**: Shows a message: **No Ruleset found at C:\Users\porti\OneDrive\Escritorio\Web\my-a...**

Then we can go to github.com and go to “actions” section

The screenshot shows the GitHub Actions page for the repository `albinisma96 / panelAdmin`. The page includes:

- Actions tab** selected.
- Workflows** section: **All workflows** (selected), **New workflow**, **Deno**, **integracion continua con react.js**.
- Feedback** section: **Tell us how to make GitHub Actions work better for you with three quick questions.** and **Give feedback**.
- All workflows** section: **Show runs from all workflows**, **Filter workflow runs** (with a search bar), **Event**, **Status**, **Branch**, **Actor**.

As you can see, there are the workflows so, we are going to modificate our code to show how it works

panelAdmin / public / index.html in main

<> Edit file <> Preview changes

```

1  <!DOCTYPE html>
2  <html lang="en">
3    <head>
4      <meta charset="utf-8" />
5      <link rel="icon" href="%PUBLIC_URL%/favicon.ico" />
6      <meta name="viewport" content="width=device-width, initial-scale=1" />
7      <meta name="theme-color" content="#000000"/>7
8      <meta
9        name="description"
10       content="Web site created using create-react-app"
11     />
12     <link rel="apple-touch-icon" href="%PUBLIC_URL%/logo192.png" />
13   <!--
14     manifest.json provides metadata used when your web app is installed on a
15     user's mobile device or desktop. See https://developers.google.com/web/fundamentals/web-app-manifest/
16   -->
17   <link rel="manifest" href="%PUBLIC_URL%/manifest.json" />
18 <!--
19   Notice the use of %PUBLIC_URL% in the tags above.
20   It will be replaced with the URL of the `public` folder during the build.
21   Only files inside the `public` folder can be referenced from the HTML.
22
23   Unlike "/favicon.ico" or "favicon.ico", "%PUBLIC_URL%/favicon.ico" will
24   work correctly both with client-side routing and a non-root public URL.
25   Learn how to configure a non-root public URL by running `npm run build`.

```

I'm going to change from #0000 to #ffff, and make a pull request

Issues Pull requests Actions Projects Wiki Security Insights

Open a pull request

The change you just made was written to a new branch named `gejurera-patch-3`. Create a pull request below to propose these changes.

base: main ▾ compare: `gejurera-patch-3` ✓ Able to merge. These branches can be automatically merged.

Uploading case of ci

Write Preview

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

Create pull request

Reviewers
Suggestions
`albinisma96`

Assignees
None yet—assign yourself

Labels
None yet

Projects
None yet

Milestone
No milestone

And if there is some error, it will be detected, but in this case it wasn't

The screenshot shows a GitHub pull request page for a repository named `gejuriera-patch-3`. The pull request has been merged into the `main` branch. The commit history shows one commit from `gejuriera` titled "uploading case of ci". The pull request details indicate that the branch has no conflicts with the base branch. A green button labeled "Merge pull request" is visible. On the right side, there are sections for reviewers, suggestions, assignees, labels, projects, and milestones.

And that's it

The screenshot shows a GitHub issues page for the repository `gejuriera-patch-1`. It displays a message about labeling issues for new contributors. Below this, a yellow banner indicates recent pushes from `gejuriera-patch-1`. The main area shows a list of issues, with one issue titled "uploading case of ci" being highlighted. A green button labeled "Compare & pull request" is present at the top right of the issue card.

8- Use of a tool to perform acceptance testing.

For the acceptance testing we decide to used Cucumber.io and probe 4 test.

Test #1

- As first test we verified is the web application is running good in the internet
- We give the url.

The screenshot shows the Cucumber.io interface for creating a new test. The title "Test #1" is at the top. Below it is a section titled "Accediendo a la pagina" with a "Add new tag" button. A "Datatable" section follows, and then a "Test steps" section. The first step is listed as "1 Given a user opens https://hosteria-95a60.web.app/". At the bottom is an "Add step" button.

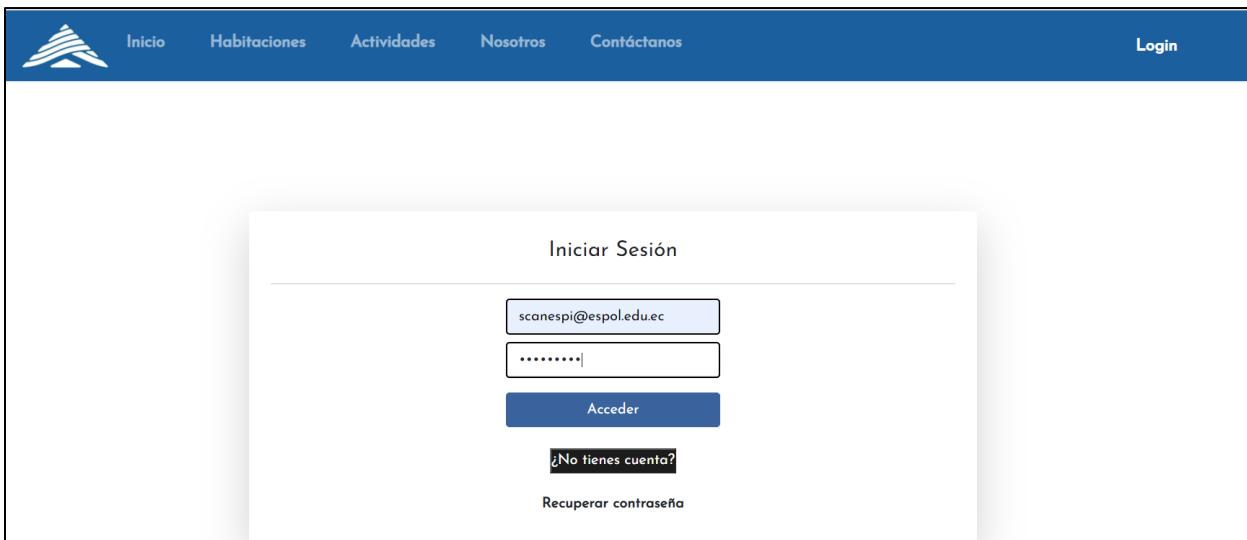
Running the Test #1

The screenshot shows the "Test definition" section of the Cucumber.io interface. It lists a single step: "1 Given a user opens https://hosteria-95a60.web.app/" with a status indicator "passed" in a green box.

The screenshot shows the "Metrics" section of the Cucumber.io interface. It displays a summary: 1 test, 1 passed, and 100.0% coverage. Below this is a "View tests" section with a list containing "Accediendo a la pagina" with a green status icon.

Test #2

- The user is in the login section has to introduce all the valid parametres



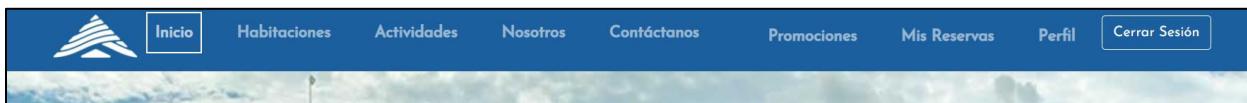
Iniciar Sesión

Acceder

¿No tienes cuenta?

Recuperar contraseña

The navbar must change



Test #2

successful log-in to the user account in the hosteria because the email is register in database

Add new tag ?

Clone

Datatable ?

Test steps

View Tests

Raw Version

- 1 Given a user opens <https://hosteria-95a60.web.app/Login>
- 2 When the user login with valid parametres email and password
- 3 Then He should look in the top the navbar a option of profile
- 4 And other options that was incoporef because is in his account.

Final results

Test definition		
1	Given	a user opens https://hosteria-95a60.web.app/Login
2	When	the user login with valid parametres email and password
3	Then	He should look in the top the navbar a option of profile
4	And	other options that was incoporef because is in his account.

Test runs
Active test runs Archived test runs
test #2
 1 PASSED

Test #3:

- For this case the user introduces an incorrect email so the system have to failed and the test result also has to failed

Contáctanos

Nombre: scarlet

Apellido: espinoza

Correo Electrónico: q2

Teléfono: 959858891

Hostería Ríos y Montañas ! Incluye una '@' en la dirección de correo electrónico. A 'q2' le falta una '@'.

Dirección: Finca Hosteria Familiar situada en Cumandá - Bucay a 1 hora 30 min de guayaquil - 80 km

Mensaje: hola gente

Teléfono: 0980446267 - 0985086040

Correo: jobcarmen@hotmail.com - riosymontanas.ec@gmail.com

Horario de atención De 08h00 a 00:00, de lunes a domingo.

Enviar

Test #3

sending a email to the administrator

Add new tag

datatable

Test steps

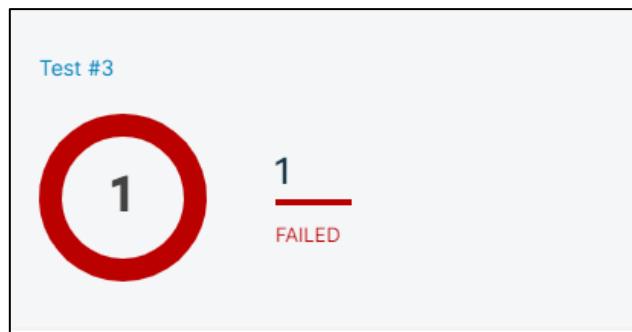
- Given a user goes to <https://hosteria-95a60.web.app/Contact>
- When he is in that section he should complete all the contact form including the text message with valid email
- Then He should look a message that satisfied

Raw Version

View Tests

Running the test

Test definition		
1	Given a user goes to https://hosteria-95a60.web.app/Contact	passed
2	When he is in that section he should complete all the contact form including the text message with valid email	failed
3	Then He should look a message that satisfied	failed



Test #4

For this test we gonna probe the book of one room, the user has to click in “register” an then will appear a form we he has to write valid parametres.



Detalles :

- 1 Baño
- Cama Doble
- 2 lamparas
- un ventilador

Información:

Precio : \$50
Capacidad : 1
Mascotas Permitidas : No Se Admite
Desayuno Gratis Incluido

[Registrar](#)

Registro



Detalles de habitación

ID room	Habitation 13
Capacidad	este numero es dado por la base de datos
Desayuno	Desayuno gratis incluido
Mascotas	No se admite

Desde Hasta

Días de reserva: 7

Precio por dia : \$50

Por favor, asegurese de realizar su registro entre las 9 am y 12 pm

Total a pagar : \$ 350

Opciones de pago

Débito	<input type="button" value="Confirmar Registro"/>
<input type="button" value="Checkout"/>	

Test #4

Register one room

Add new tag ⓘ

datatable ⓘ

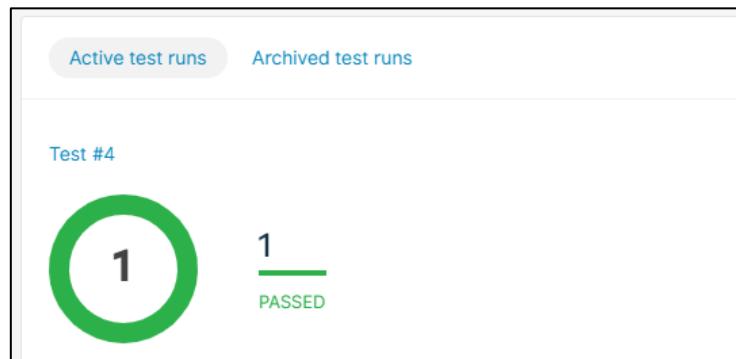
▷ Test steps

- 1 Given a user goes to <https://hosteria-95a60.web.app/login>
- 2 When he is in that section he should login in
- 3 Then go to the rooms
- 4 And choose one click it
- 5 Then H has to register click in the button registrar
- 6 And a form will appear
- 7 Given in the form he has to write all the valid parametres.
- 8 Then click in confirmar

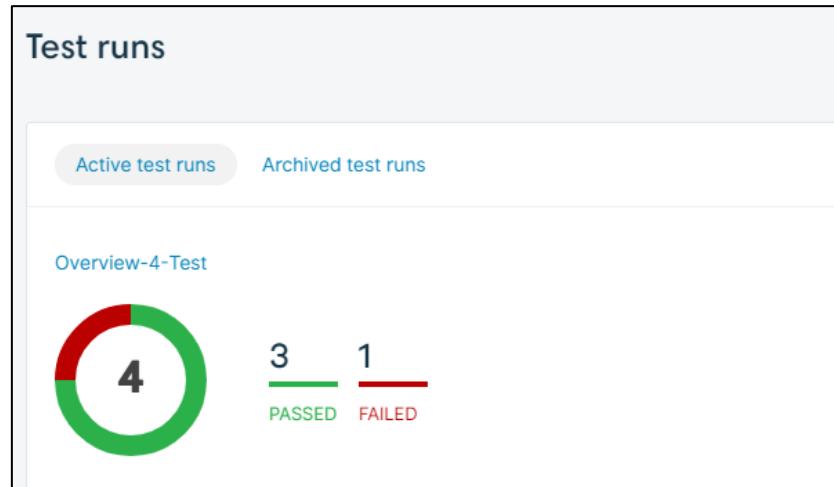
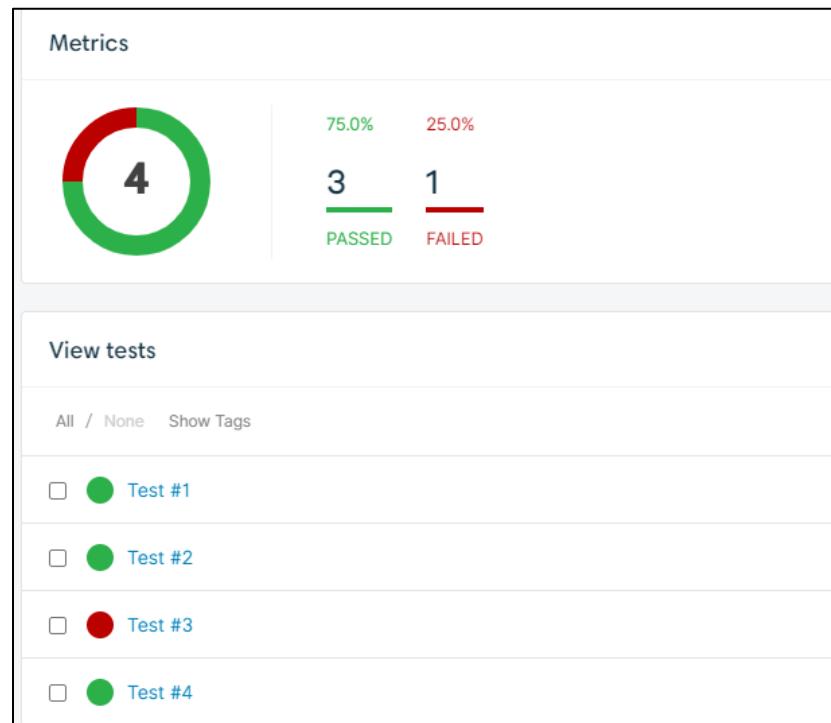
After run the test

Test definition		
1	Given a user goes to https://hosteria-95a60.web.app/login	passed
2	When he is in that section he should login in	passed
3	Then go to the rooms	passed
4	And choose one click it	passed
5	Then H has to register click in the button registrar	passed
6	And a form will appear	passed
7	Given in the form he has to write all the valid parametres.	passed
8	Then click in confirmar	passed

Finally



Overview the all the testing

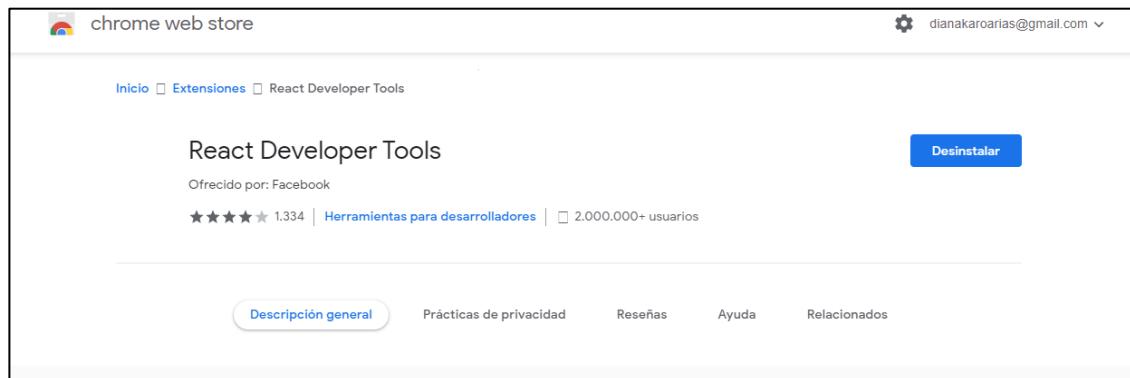


9- Application profiling

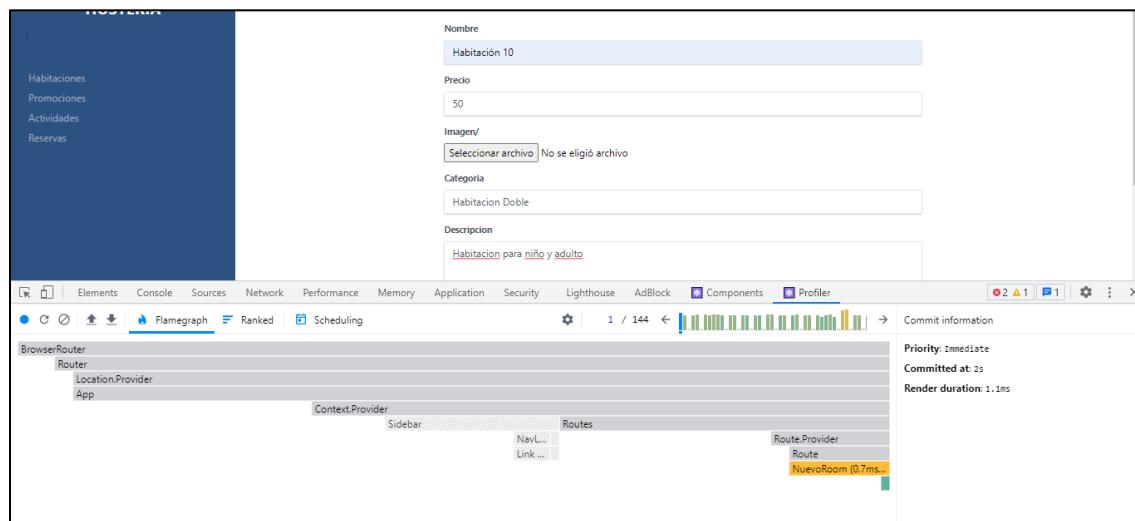
Panel Admin

For the profiler of our development in react we use a Google Chrome extension called "React Developer Tools".

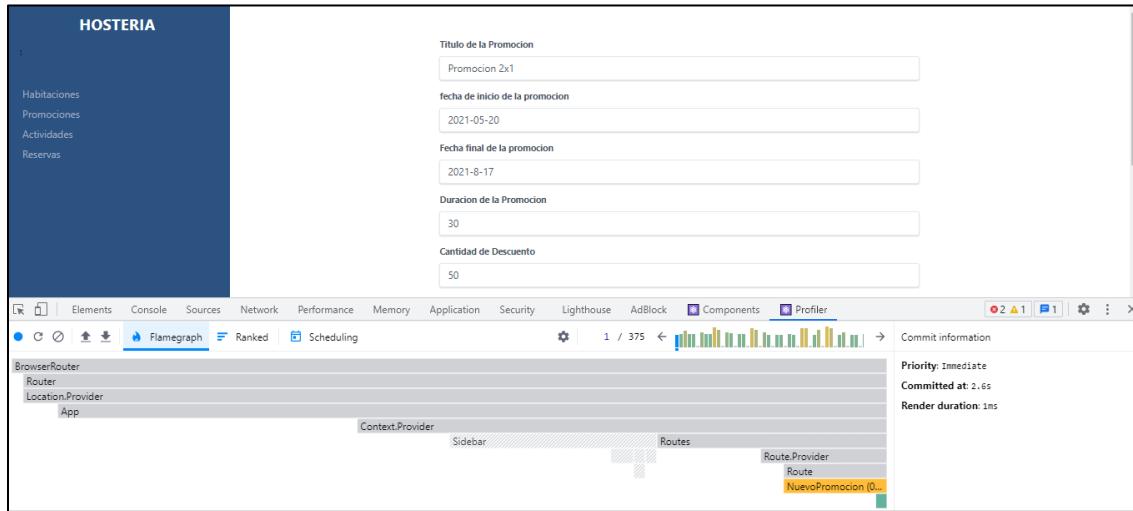
Which allows us to know the time it takes to render certain segments of the code



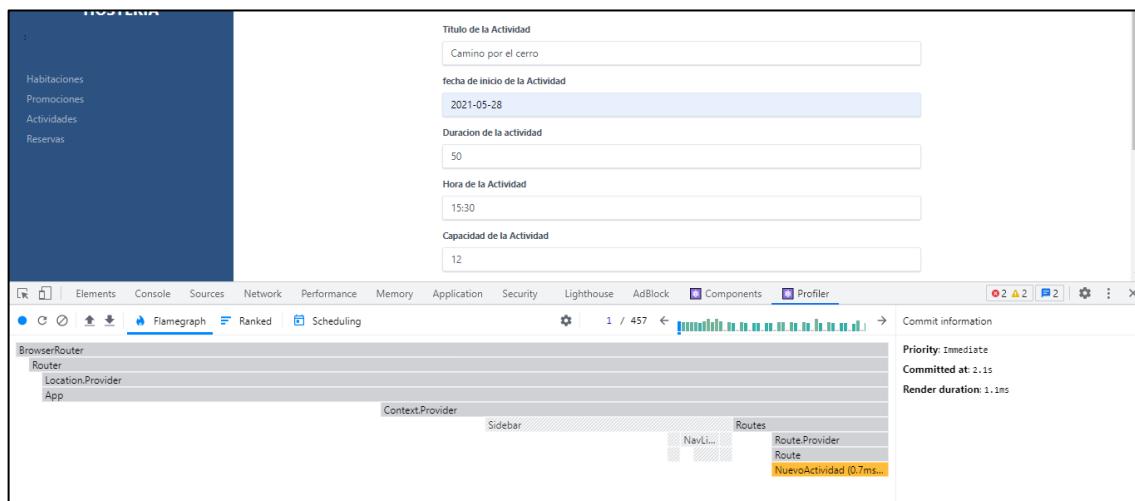
To start with the activation profile, we will use the Admin panel that was carried out in react.



As we can see, we have several components to review why problems are occurring, unlike Activities.



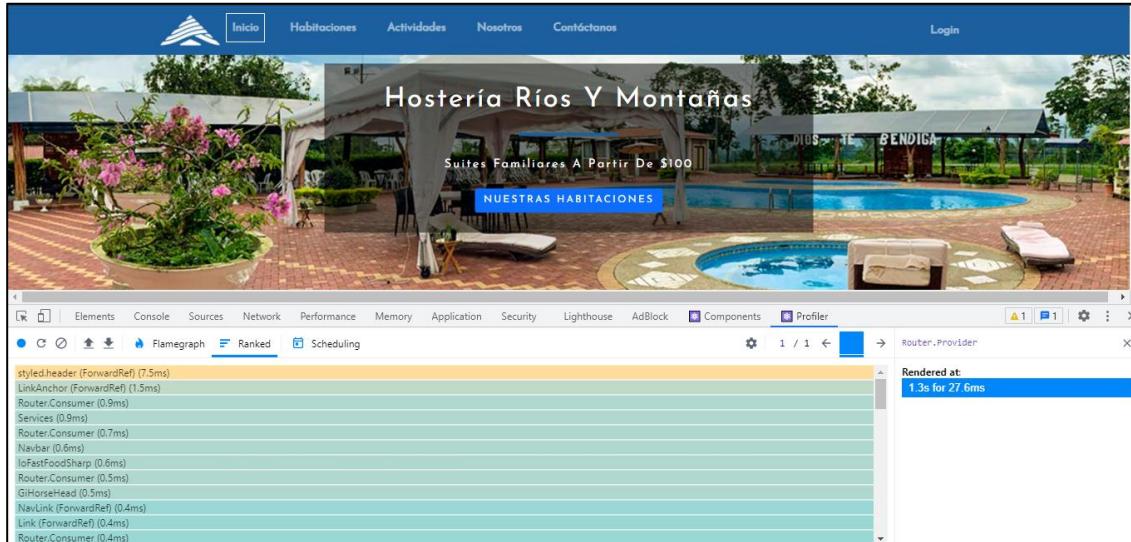
Where we can see the guide that is given to us by means of the gray bars indicates that the time to render the information is small or, also described in another way, acceptable.



The same happens for the other sites that allow the creation of them.

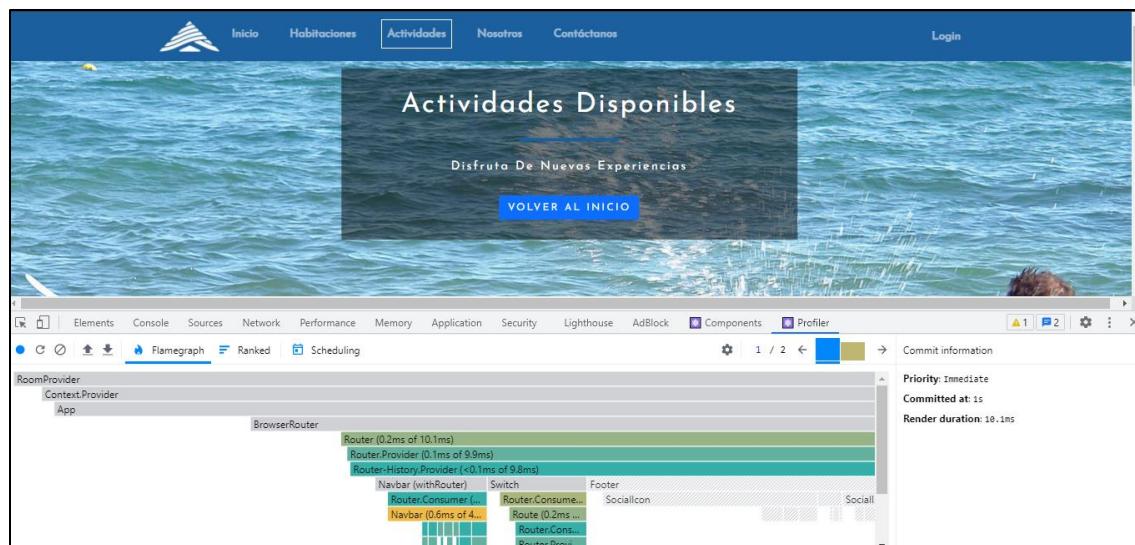
App web: “Hostería Ríos y Montañas”

How can we begin to analyze the response time when rendering part of the response code (In this case the first page) has an acceptable time. Like we could see the Admin panel.

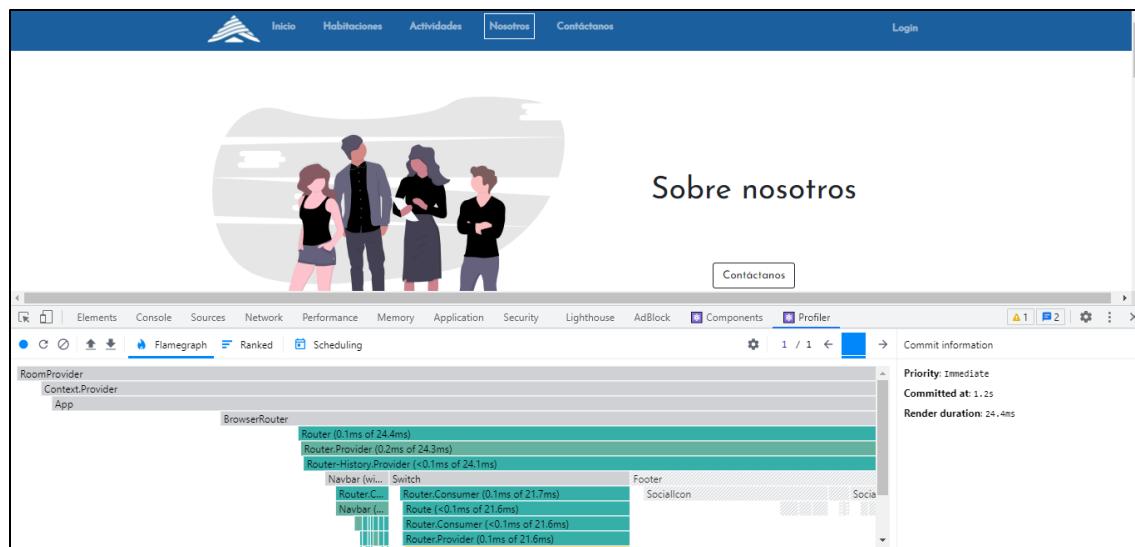


the rest happens with the other tabs that will be displayed and which we can Access



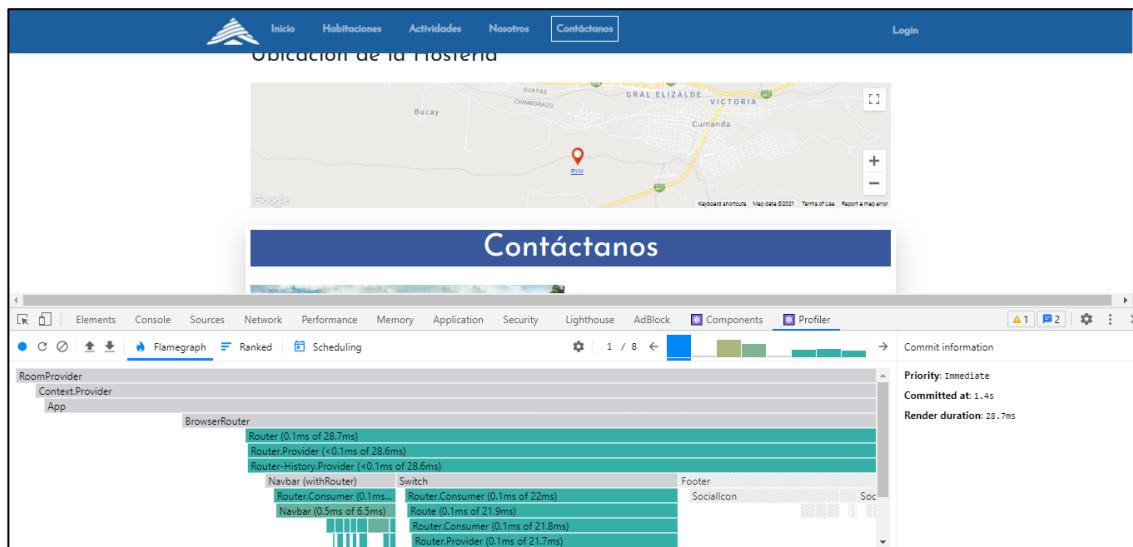


The screenshot shows a web application interface with a blue header bar containing navigation links: Inicio, Habitaciones, Actividades (which is highlighted), Nosotros, and Contactanos. A "Login" button is also present in the top right. The main content area features a dark overlay with white text: "Actividades Disponibles" at the top, followed by "Disfruta De Nuevas Experiencias" and a blue "VOLVER AL INICIO" button. Below this, there is a large image of ocean waves. The bottom portion of the screen displays a browser's developer tools with the "Profiler" tab selected. A "Flamegraph" is shown, illustrating the performance timeline. The timeline starts with "Router (0.2ms of 10.1ms)" and continues through several nested components like "Router.Provider" and "Router-History.Provider". Other visible components include "Navbar (withRouter)", "Switch", "Footer", "Socialicon", and "Route". The total render duration is listed as 10.1ms.



The screenshot shows a web application interface with a blue header bar containing navigation links: Inicio, Habitaciones, Actividades, Nosotros (which is highlighted), and Contactanos. A "Login" button is in the top right. The main content area features a circular graphic with four stylized human figures and the text "Sobre nosotros" above a "Contactanos" button. The bottom portion of the screen displays a browser's developer tools with the "Profiler" tab selected. A "Flamegraph" is shown, illustrating the performance timeline. The timeline starts with "Router (0.1ms of 24.4ms)" and continues through nested components like "Router.Provider" and "Router-History.Provider". Other visible components include "Navbar (withRouter)", "Switch", "Footer", "Socialicon", and "Route". The total render duration is listed as 24.4ms.

As we can see, the gray bars indicate that this is not rendered and the green bars are that, these are rendered, but under an optimal time.



10- Flow of windows and layout and system deployment guide

For the system Deployment Guide, we made two guides and also 2 videos to provide a evidence and how the apps works.

System Deployment Guide Video App Movil: <https://youtu.be/5j7SaZQ47n0>

System Deployment Guide Video App web: <https://youtu.be/Mvd3xrwjvHk>

System Deployment Guide Video Admin : https://youtu.be/_nNPHOG39fY

7.1- Flow windows Guide App Movil

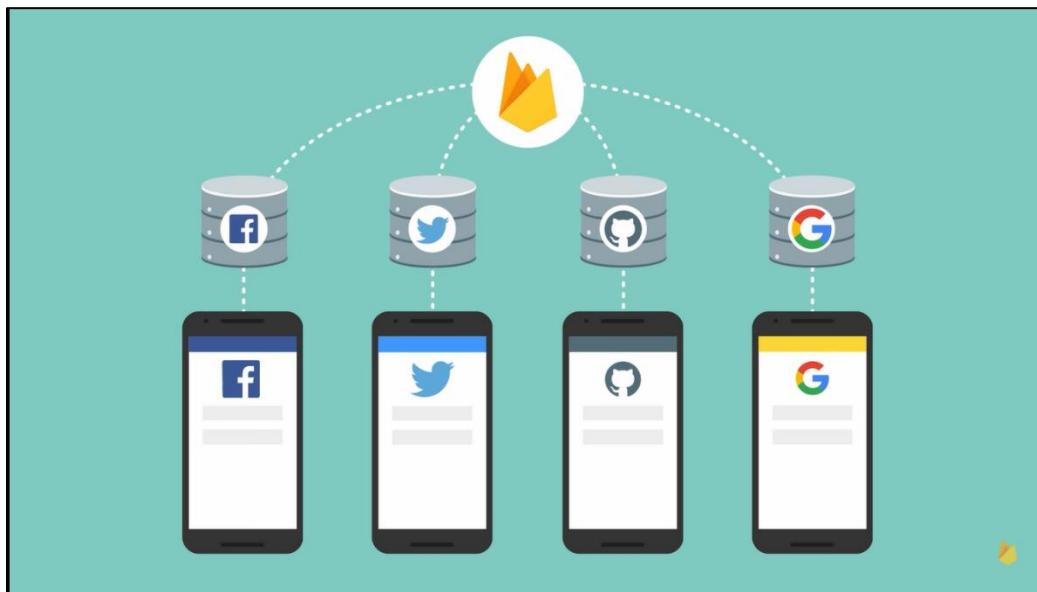
Look in the archive of the project, there is a .pdf

7.2- Flow windows Guide App Web

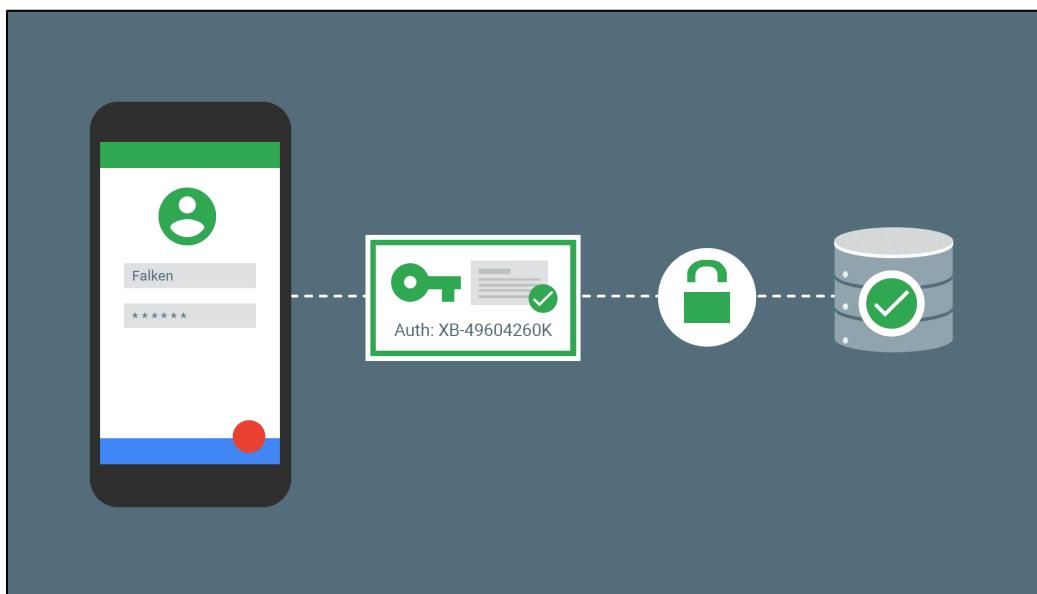
Look in the archive of the project, there is a .pdf

11- Use of a single sign-on service with an authorization framework.

Provides an authentication solution, through flows managed by a user access UI. It has an Auth component implemented which is used for websites and mobile devices that can maximize access conversion. Through this authentication you have a better security since you can get relevant data that are accessible with verified emails.



It has a comprehensive security through Google, Smart lock and by the password manager in Chrome.



Our code validates the emails, if they exist it returns a token with that information.

```
const login = React.useCallback(async () => {
  try {
    const res = await auth.signInWithEmailAndPassword(email, pass)
    console.log(res.user)
    setEmail('')
    setPass('')
    setError(null)
    props.history.push('/')
  } catch (error) {
    console.log(error)
    if(error.code === 'auth/invalid-email'){
      setError('Email no válido')
      setEmail('')
      setPass('')
    }
    if(error.code === 'auth/user-not-found'){
      setError('Email no registrado')
      setEmail('')
      setPass('')
    }
    if(error.code === 'auth/wrong-password'){
      setError('Contraseña incorrecta')
      setEmail('')
      setPass('')
    }
  }
}, [email, pass, props.history])
```

Through this function we can validate registered users in our application and thanks to the comprehensive security you can reset the password by means of "firebase" where a link is sent to the end user's email and if you wish you can proceed to make the change.

12- Video showing the sprint review process.

- Link of the video: <https://youtu.be/qQHs4x5KEtg>
- If the link before does not work you can also download in the git repository

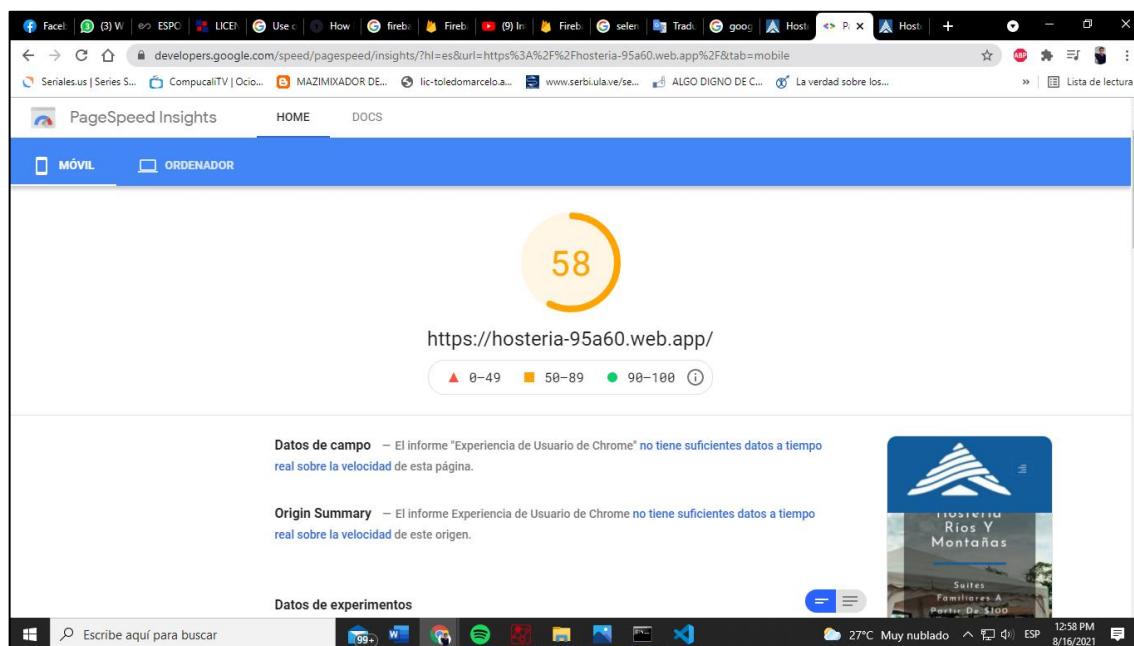
13- Software system deployed into a production environment.

Production environment for the App web was in the hosting of firebase and goDaddy.

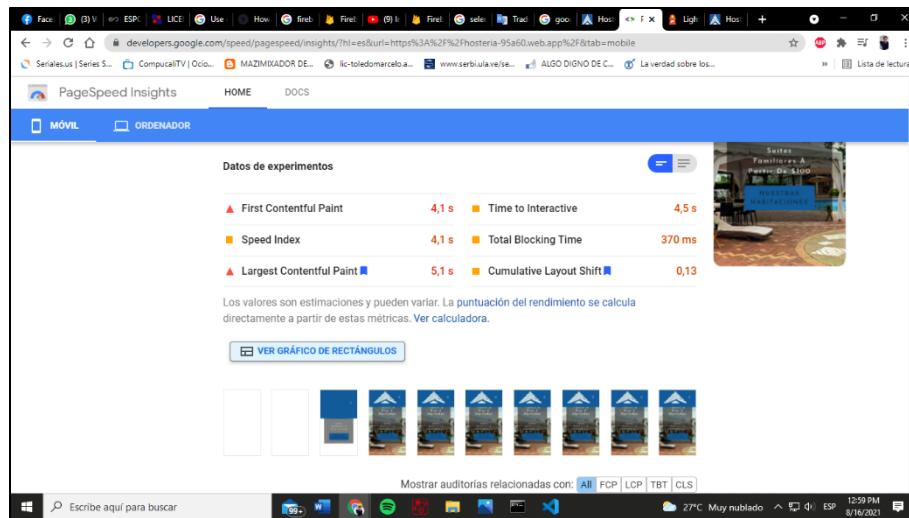
- **Link of the app web deployed in firebase:** <https://hosteria-95a60.web.app/>
- **Link of the app web deployed in goDaddy:** <https://rymhosteria.ing-soft2021.com/>
- **App Movil apk:** Look in the GitHub repository there is a .apk

14- Extra-Use of a GUI test automation tool

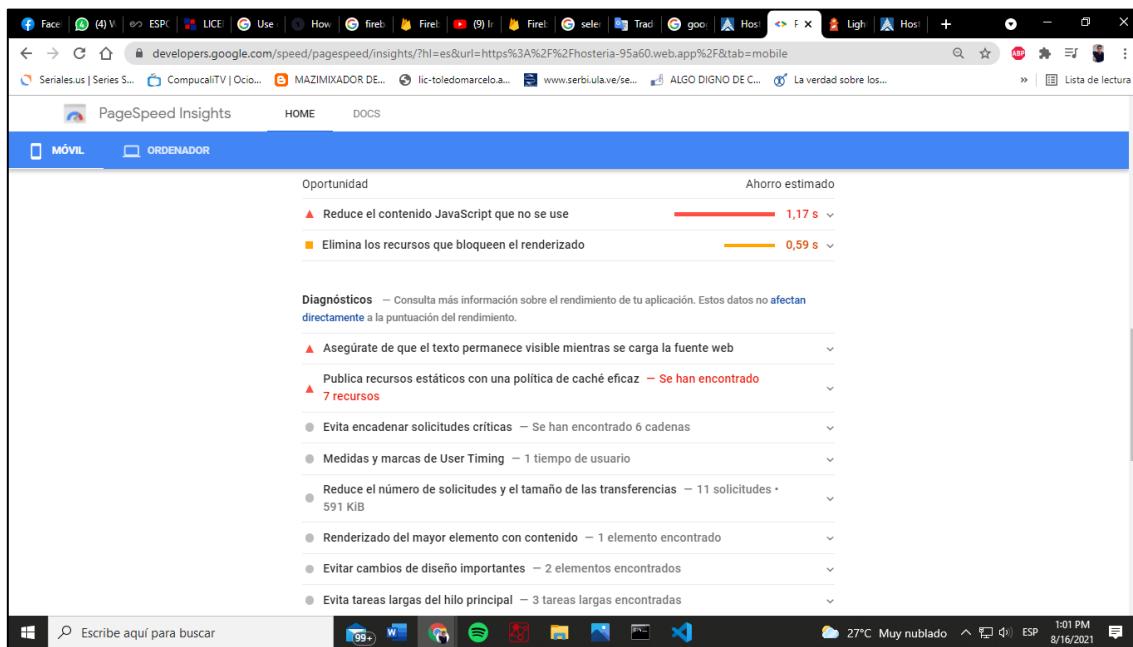
It has been used "google developers", is a tool created for developers with many functions, with which we have tested some windows of our page.



For the mobile and web part the load test has medium speed in load time from a mobile application, in the web part a certain similarity was shown in the load test.



The app gives us a lot of data, such as data from experiments and some recommendations for diagnosis by web and mobile.



After applying the appropriate modifications to the code, the app improves its loading performance.

PageSpeed Insights

HOME **DOCS**

MÓVIL **ORDENADOR**

97

<https://hosteria-95a60.web.app/>

▲ 0–49 ■ 50–89 ● 90–100 ⓘ

Datos de campo — El informe "Experiencia de Usuario de Chrome" no tiene suficientes datos a tiempo real sobre la velocidad de esta página.

Origin Summary — El informe Experiencia de Usuario de Chrome no tiene suficientes datos a tiempo real sobre la velocidad de este origen.



Datos de experimentos

	FCP	TI
First Contentful Paint	1,0 s	1,0 s
Speed Index	1,0 s	0 ms
Largest Contentful Paint	1,1 s	0,017
Total Blocking Time		
Cumulative Layout Shift		

Escribe aquí para buscar

27°C Muy nublado 1:19 PM ESP 8/16/2021

PageSpeed Insights

HOME **DOCS**

MÓVIL **ORDENADOR**

Datos de experimentos

	FCP	TI
First Contentful Paint	1,0 s	1,0 s
Speed Index	1,0 s	0 ms
Largest Contentful Paint	1,1 s	0,017
Total Blocking Time		
Cumulative Layout Shift		

Los valores son estimaciones y pueden variar. La puntuación del rendimiento se calcula directamente a partir de estas métricas. Ver calculadora.

VER GRÁFICO DE RECTÁNGULOS



Mostrar auditorías relacionadas con: [All](#) [FCP](#) [LCP](#) [TBT](#) [CLS](#)

Oportunidades — Estas sugerencias pueden ayudar a que tu página cargue más rápido. No afectan directamente a la puntuación del rendimiento

Oportunidad	Ahorro estimado
Reducir el contenido JavaScript que no se usa	0,28 s

Escribe aquí para buscar

27°C Muy nublado 1:19 PM ESP 8/16/2021

The screenshot shows the Google PageSpeed Insights interface. At the top, there are tabs for 'MÓVIL' and 'ORDENADOR'. Below this, the 'OPORTUNIDADES' section lists two opportunities with estimated savings of 0.28s each: 'Reduce el contenido JavaScript que no se use' and 'Elimina los recursos que bloqueen el renderizado'. The 'DIAGNÓSTICOS' section contains several items with dropdown menus, including 'Asegúrate de que el texto permanece visible mientras se carga la fuente web' (highlighted in red) which has '7 recursos' found, and other items like 'Evita encadenar solicitudes críticas', 'Medidas y marcas de User Timing', and 'Reduce el número de solicitudes y el tamaño de las transferencias'.

Source : <https://developers.google.com/speed/pagespeed/insights/?hl=es>

15- Extra-Load Testing

With the same "Google developers" but now we use "Lighthouse" with all its features. To access this Google feature or tool we must place ourselves on the website you want to analyze, then press inspect and in the bar on the right side where it says: elements, console, sources and others. Search lighthouse, select the categories to analyze and the type of device. To finish just click on generate report and wait.

The screenshot shows the Lighthouse performance audit for the website <https://hosteria-95a60.web.app/>. The audit results are displayed in a grid: Performance (89), Accessibility (95), Best Practices (93), SEO (100), and PWA (gray). A note at the bottom left states: 'There were issues affecting this run of Lighthouse: There may be stored data affecting loading performance in this location: IndexedDB. Audit this page in an incognito window to prevent those resources from affecting your scores.' The 'Performance' section details metrics: First Contentful Paint (0.9s), Time to Interactive (1.5s), Speed Index (1.4s), Total Blocking Time (100ms).

With improved code, we can see how performance is in range. To be extremely optimal, you should reach more than 90 in each section.

Performance is the interaction time to determine the load delay, in other words, the load time.

The screenshot shows a web browser window with the URL <https://hosteria-95a60.web.app/>. The page displays a logo and text for "Hostería Ríos Y Montañas" with a pool and outdoor seating area in the background. The Lighthouse audit results are shown on the right, indicating a performance score of 89. Key metrics listed are:

- First Contentful Paint: 0.9 s
- Time to Interactive: 1.5 s
- Speed Index: 1.4 s
- Total Blocking Time: 100 ms
- Largest Contentful Paint: 1.7 s
- Cumulative Layout Shift: 0.121

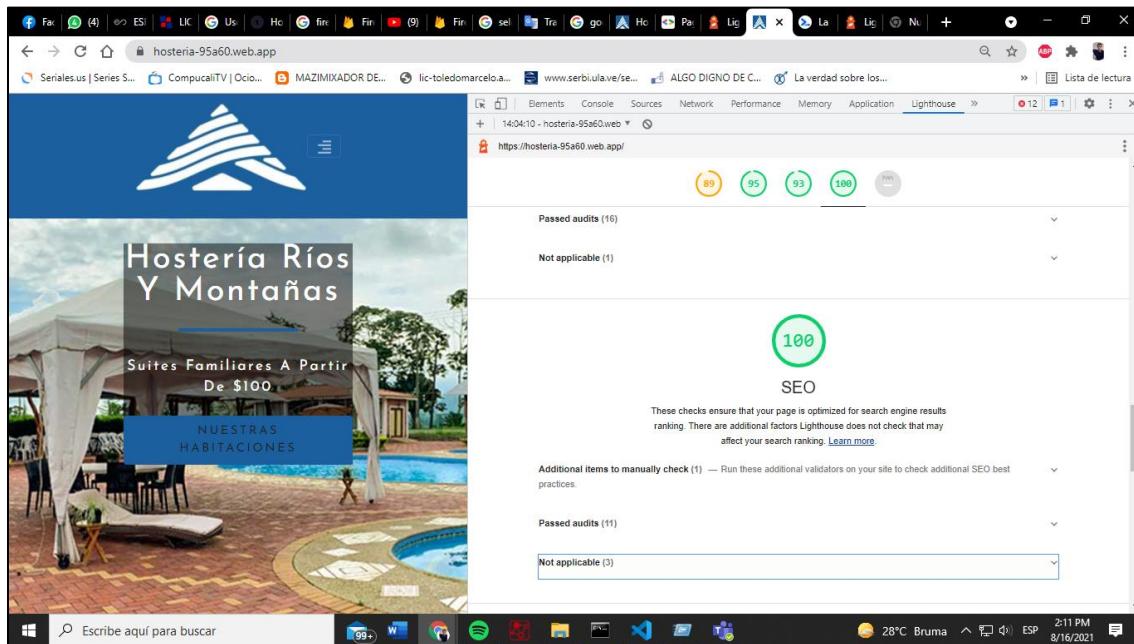
Below the audit results, there is a series of nine thumbnail images showing the progression of the page load.

In **best practices**, rate the use of HTTPS within the entire render of the page.

The screenshot shows the same web browser window with the URL <https://hosteria-95a60.web.app/>. The Lighthouse audit results are shown on the right, indicating a best practices score of 93. A note in the General section states: "Browser errors were logged to the console". The "Passed audits" section lists the following items:

- Uses HTTPS
- Links to cross-origin destinations are safe
- Avoids requesting the geolocation permission on page load
- Avoids requesting the notification permission on page load
- Avoids front-end JavaScript libraries with known security vulnerabilities
- Allows users to paste into password fields
- Displays images with correct aspect ratio

In SEO verifies the quality of the code or implementation for a better positioning on the web.



Accessibility checks for common issues that might prevent multiple users from accessing content.

