

ACTIVIDAD 5



AREL

NOSOTROS



Alvaro Lozano
Developer



Erick Segura
SCRUM Master



Emiliano Luna
Developer



Rodrigo López
Product Owner

KPI'S

Rift Software Administration Tool Save as PDF

What are you doing up so late?, Erick Segura Sprint 6

Sprint Summary

Completion Rate **100%**
13 of 13 tasks completed

Hours Spent **43h**
vs 42h estimated

Sprint Dates **5/12/2025 - 5/18/2025**
Sprint duration

Sprint Goal

13/13 TASKS COMPLETED
Great progress with 100% completion rate!

Sprint Team Performance

Team Member	Tasks Completed	Estimated Hours	Spent Hours	Status
Alvaro Lozano	2/2 Tasks	7h Estimated	7h Spent	100% Completion
Emiliano Luna	3/3 Tasks	10h Estimated	10h Spent	100% Completion
Erick Segura	-	-	-	100% Completion

Hours Analysis

Project Logs

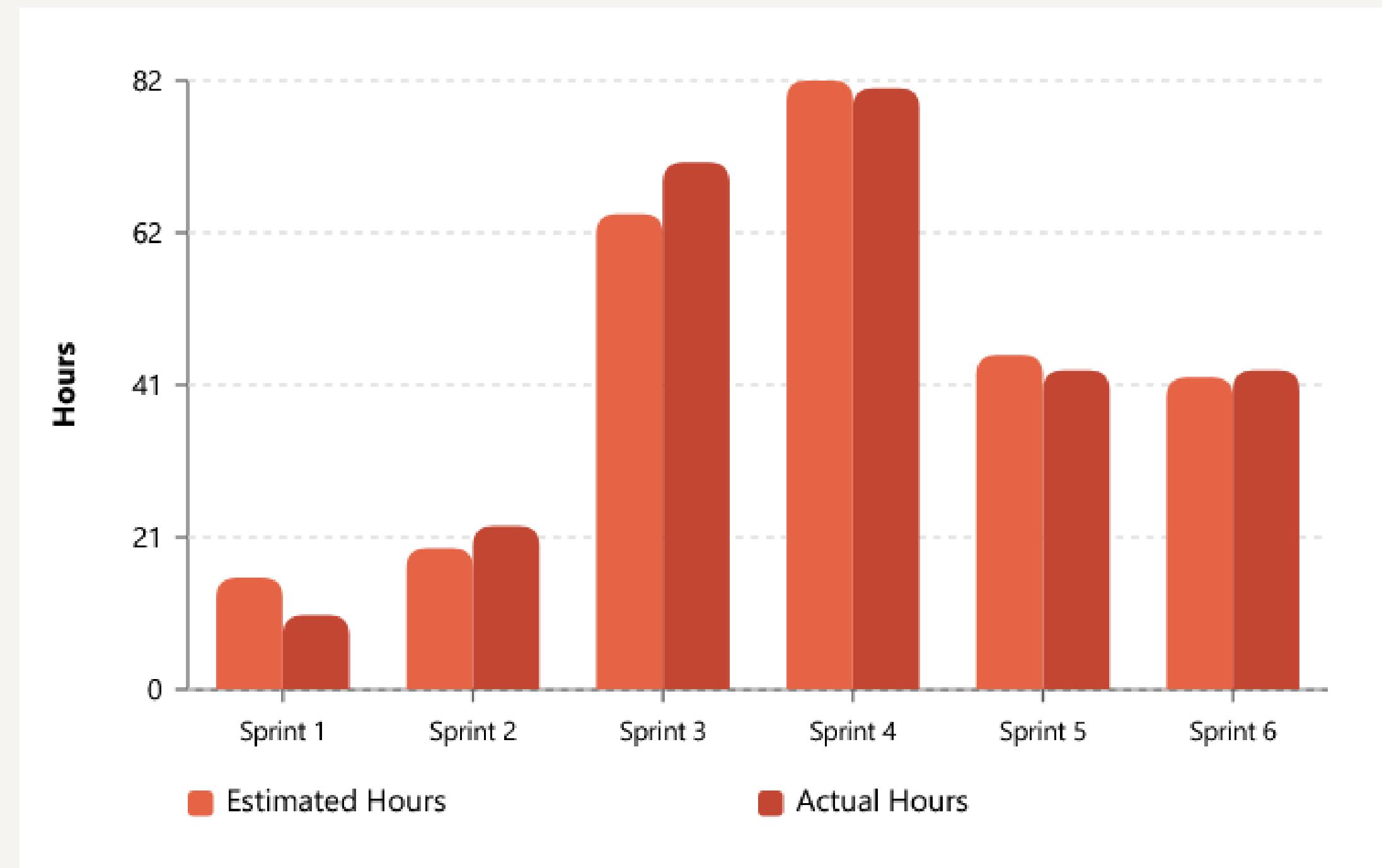
KPI'S



Link y_QR

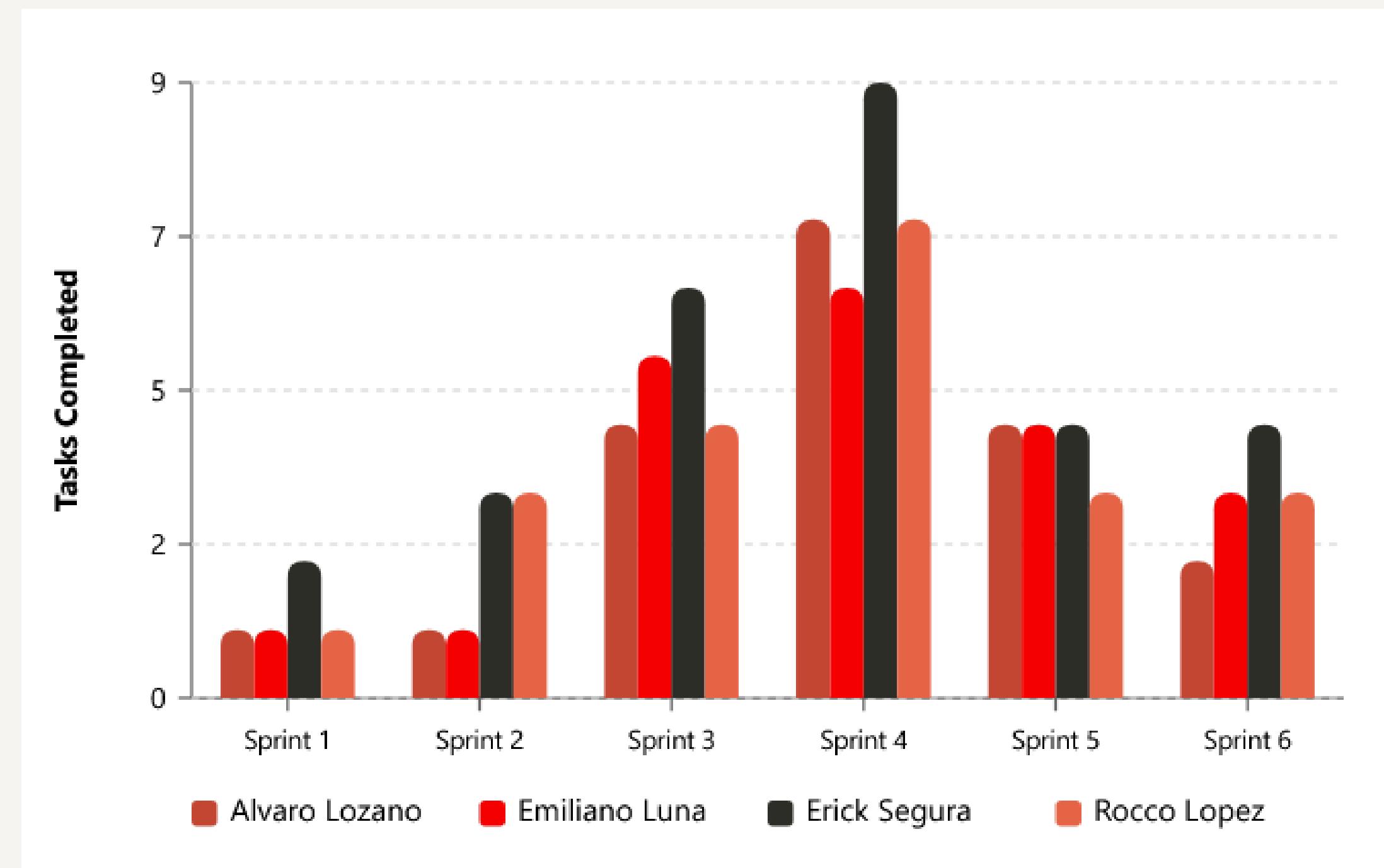
KPI'S

HORAS TOTALES TRABAJADAS POR SPRINT



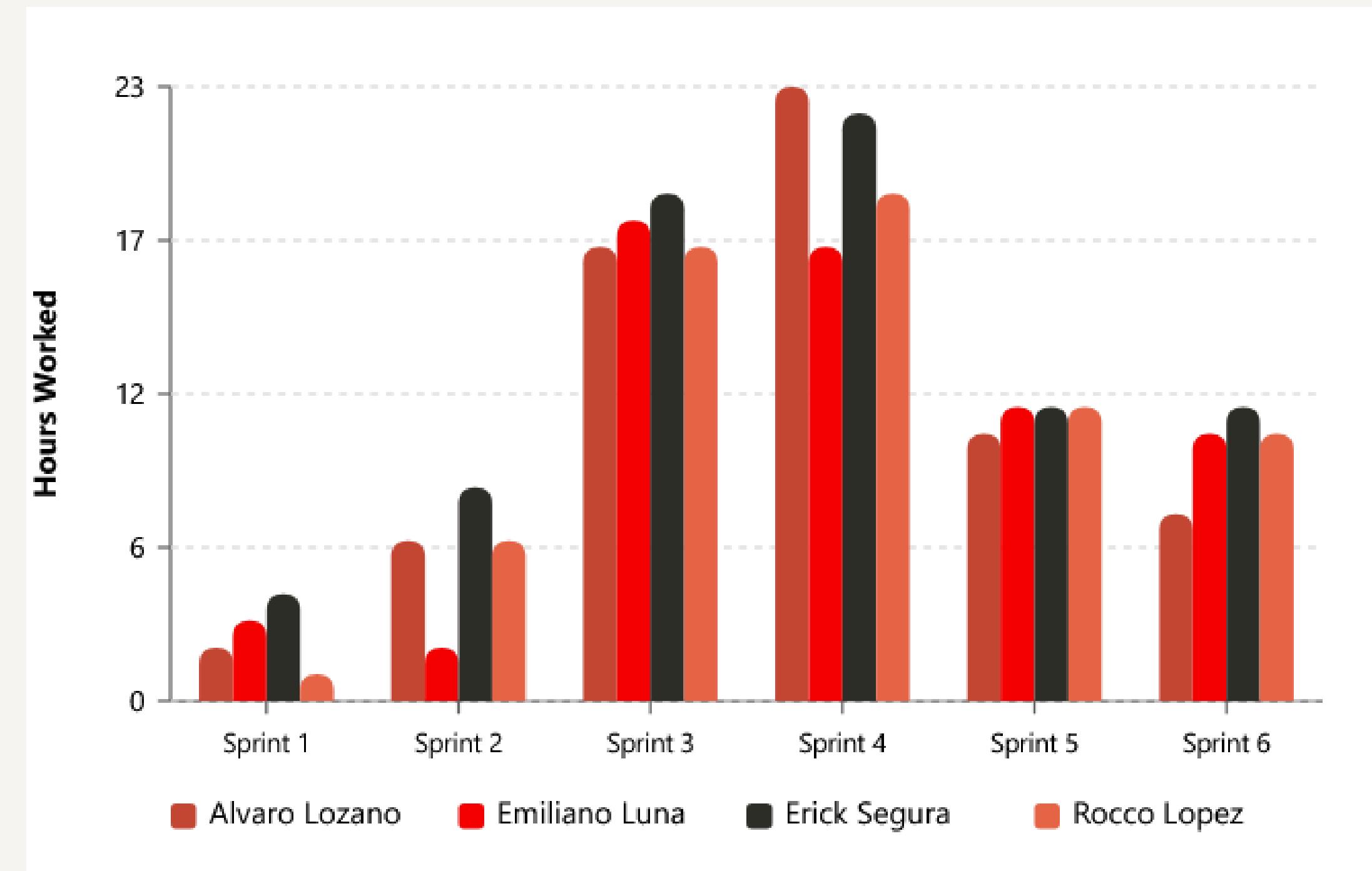
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HORAS TRABAJADAS POR DEVELOPER POR SPRINT



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TAREAS TRABAJADAS POR DEVELOPER POR SPRINT



KPI'S

REPORTE DE TAREAS TERMINADAS

<p>Comprobación de pruebas del bot</p> <p>⌚ Bot ⏳ 3h ✅ 3h 🚙 Rocco Lopez</p>	<p>Gráfica de horas por desarrollador por sprint</p> <p>⌚ Web ⏳ 3h ✅ 3h 🚙 Erick Segura</p>	<p>Optimización del prompt de IA</p> <p>⌚ Bot ⏳ 3h ✅ 4h 🚙 Emiliano Luna</p>
<p>Finalización del trigger con GitHub</p> <p>⌚ Web ⏳ 4h ✅ 4h 🚙 Rocco Lopez</p>	<p>Gráfica de tareas por desarrollador por sprint</p> <p>⌚ Web ⏳ 3h ✅ 2h 🚙 Erick Segura</p>	<p>Mejora del diseño de reportes PDF</p> <p>⌚ Web ⏳ 3h ✅ 3h 🚙 Emiliano Luna</p>
<p>Prueba de estrés del sistema</p> <p>⌚ Web ⏳ 4h ✅ 3h 🚙 Rocco Lopez</p>	<p>Corrección de UX en sprints y backlog</p> <p>⌚ Web ⏳ 4h ✅ 4h 🚙 Erick Segura</p>	<p>Programación de pruebas Mockito para bot</p> <p>⌚ Bot ⏳ 4h ✅ 4h 🚙 Alvaro Lozano</p>
<p>Gráfica de horas por sprint</p> <p>⌚ Web ⏳ 3h ✅ 2h 🚙 Erick Segura</p>	<p>Reestructuración del formato PDF</p> <p>⌚ Web ⏳ 4h ✅ 3h 🚙 Emiliano Luna</p>	<p>Implementación de comando de tareas completadas por sprint</p> <p>⌚ Bot ⏳ 3h ✅ 3h 🚙 Alvaro Lozano</p>

PRUEBAS UNITARIAS

```
@Test
void testStartCommandTriggersStartHandler() {
    // Arrange
    long chatId = 123L;
    String text = "/start";

    Chat chat = mock(classToMock:Chat.class);
    when(chat.getId()).thenReturn(chatId);

    Message message = mock(classToMock:Message.class);
    when(message.getText()).thenReturn(text);
    when(message.hasText()).thenReturn(true);
    when(message.getChat()).thenReturn(chat);
    when(message.getChatId()).thenReturn(chatId);

    Update update = mock(classToMock:Update.class);
    when(update.hasCallbackQuery()).thenReturn(false);
    when(update.hasMessage()).thenReturn(true);
    when(update.getMessage()).thenReturn(message);

    when(commandHandler.isStartCommand(text)).thenReturn(true);
    when(inactivityManager.getUserState(chatId)).thenReturn(userState);

    // Act
    bot.onUpdateReceived(update);

    // Assert
    verify(commandHandler).isStartCommand(text);
    verify(commandHandler).start(eq(chatId), eq(update));
}
```

CREAR TAREA

```
@Test
void testCallbackTriggersKpiShowSprintsCompletedTasks() {
    // Arrange
    long chatId = 123L;
    String callbackData = "ct_sprint_5_1"; // format: ct_sprint_{sprintId}_{projectId}

    CallbackQuery callbackQuery = mock(classToMock:CallbackQuery.class);
    Message message = mock(classToMock:Message.class);
    Update update = mock(classToMock:Update.class);

    when(callbackQuery.getData()).thenReturn(callbackData);
    when(callbackQuery.getMessage()).thenReturn(message);
    when(message.getChatId()).thenReturn(chatId);
    when(update.hasCallbackQuery()).thenReturn(true);
    when(update.getCallbackQuery()).thenReturn(callbackQuery);
    when(inactivityManager.getUserState(chatId)).thenReturn(userState);

    // Act
    bot.onUpdateReceived(update);

    // Assert
    verify(commandHandler).handleCallback(eq(chatId), eq(callbackData), eq(update), eq(userState));
}
```

TAREAS COMPLETADAS
DE UN SPRINT

TAREAS COMPLETADAS DE
UN USUARIO EN UN SPRINT

```
[INFO] Running com.springboot.mytodolist.controller.ShortcutControllerTest
[INFO] Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.027 s - in com.springboot.MyTodoList
[INFO] Running com.springboot.MyTodoList.telegram.TelegramTest
19:37:26.253 [main] DEBUG com.springboot.MyTodoList.controller.ToDoItemBotController - got an update!!
19:37:26.254 [main] DEBUG com.springboot.MyTodoList.controller.ToDoItemBotController - not a callback
19:37:26.254 [main] DEBUG com.springboot.MyTodoList.controller.ToDoItemBotController - it is a message
19:37:26.255 [main] DEBUG com.springboot.MyTodoList.controller.ToDoItemBotController - has text, yeah!!
```

TEST TRACEABILITY MATRIX

TestId	Descripción de la prueba	Input	Output	Resultado	Responsable de la prueba
1	Probar reacción del bot al mensaje /start	Mensaje /start	Ejecuta función /start	Aprobado	Rodrigo
2	Probar tasks completados de un sprint	callback_query “ct_sprint_1”	Ejecuta handleCallback (para enviar mensaje de lista)	Aprobado	Rodrigo
3	Ver tasks comp. de usuario en sprint	callback_query “ct_sprint_1”	Ejecuta handleCallback (para enviar mensaje de lista por usuario)	Aprobado	Rodrigo

PRUEBAS DE SEGURIDAD

```
ad57d981be65: Pull complete
48cdbce6da05: Pull complete
edb75cad298e: Pull complete
91f416d7abf7: Pull complete
990d7016c583: Pull complete
5004c59913ee: Pull complete
Digest: sha256:295112e6963682fdad64950f6d93b3db6982e9c37f29a0c57eabb5ac701dde2e
Status: Downloaded newer image for ghcr.io/zaproxy/zaproxy:stable
ghcr.io/zaproxy/zaproxy:stable
PS C:\Users\alvar> |
```

```
PS C:\Users\alvar> docker run -v "${PWD}:/zap/wrk:/rw" -t zaproxy/zap-stable zap.sh -cmd -quickurl http://159.54.155.23 -quickout /zap/wrk/result.xml
Found Java version 17.0.14
Available memory: 7847 MB
Using JVM args: -Xmx1961m
902 [main] INFO org.parosproxy.paros.Constant - Copying default configuration to /home/zap/.ZAP/config.xml
1110 [main] INFO org.parosproxy.paros.Constant - Creating directory /home/zap/.ZAP/session
1111 [main] INFO org.parosproxy.paros.Constant - Creating directory /home/zap/.ZAP/dirbuster
1111 [main] INFO org.parosproxy.paros.Constant - Creating directory /home/zap/.ZAP/fuzzers
1112 [main] INFO org.parosproxy.paros.Constant - Creating directory /home/zap/.ZAP/plugin
Apr 21, 2025 5:12:26 PM java.util.prefs.FileSystemPreferences$1 run
INFO: Created user preferences directory.
Writing results to /zap/wrk/result.xml
```

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<OWASPZAPReport programName="ZAP" version="2.16.1" generated="Mon, 21 Apr 2025 17:14:30">
  <site name="http://159.54.155.23" host="159.54.155.23" port="80" ssl="false">
    <alerts>
      <alertitem>
        ...
      </alertitem>
      <alertitem>
        ...
      </alertitem>
    </alerts>
  </site>
</OWASPZAPReport>
```

The screenshot shows the ZAP 2.16.1 interface. The top menu bar includes Archivo, Editar, Ver, Analizar, Informe, Herramientas, Importar, Exportar, En linea, Ayuda, and Sesión sin Nombre - ZAP 2.16.1. The toolbar contains various icons for file operations like Open, Save, Print, and Help. The left sidebar has sections for Modo estándar, Sitios, Contextos, and Sistemas. The main window title is "Escaneo Automatizado". It displays instructions for starting an automatic scan by entering a URL and pressing "Atacar". The URL field contains "http://159.54.155.23". Scan settings include "Usar el spider tradicional" checked, "Usar el spider ajax" set to "Sí es Moderno con Chrome", and a progress message "Ataque completo - vea los problemas encontrados en la pestaña Alertas". Below the main window, the bottom navigation bar includes Historial, Buscar, Alertas (selected), Output, Spider(Arafia), AJAX Spider, Escaneo Activo, and a green plus icon. The Alerts section on the left shows five categories: Alertas (5) with sub-items like Cabecera Content Security Policy (CSP) no configurada (2), Divulgación de Marcas de Tiempo - Unix (211), Aplicación Web Moderna (2), Divulgación de información - Comentarios sospechosos, and User Agent Fuzzer (24). The bottom status bar shows "Alertas 0 1 1 3 | Proxy Principal: localhost:8080".

PRUEBAS DE SEGURIDAD

```
•x[2025-04-21](17:52)x•
RUNNING SC0PE NETWORK VULNERABILITY SCAN
•x[2025-04-21](17:52)x•
•x[2025-04-21](17:52)x•
•x[2025-04-21](17:52)x•
=====
•?((^°..• Sc0pe Vulnerability Report by @xer0dayz •_.•°^-))@•
=====
Critical: 0
High: 0
Medium: 0
Low: 1
Info: 0
Score: 2
=====
P4 - LOW, Clickjacking,http://159.54.155.23:80/,X-Frame-Options: DENY
=====
•x[2025-04-21](17:52)x•
SCAN COMPLETE!
•x[2025-04-21](17:52)x•

[!] [*] Opening loot directory /usr/share/sniper/loot/workspace/http:--159.54.155.23 [OK]
+ -- ---[ Generating reports...
[!]
+ -- ---[ Sorting all files...
+ -- ---[ Removing blank screenshots and files...
[i] ⓘ Upgrade to Sn1per Professional and unlock a world of powerful benefits! ⓘ
[i]
[i] ⓘ Don't miss out on important updates by using the Community version.
[i]
[i] ⓘ The latest Professional version ( 10.8 ) offers unparalleled features, including:
[i]
[i] ⓘ Sleek Web UI
[i] ⓘ Extensive add-ons
[i] ⓘ Seamless integrations
[i]
```

**MUCHAS
GRACIAS**