

INFORME DE ORGANIZACIÓN

Segundo entregable



Universidad de Sevilla - Escuela Técnica Superior de Ingeniería
Informática

Diseño y Pruebas II – Curso 2022/2023

| <u>Grupo</u> | <u>Repositorio</u> |
|--------------|---|
| C1.02.06 | https://github.com/lauro1mer/Acme-L3-D02.git |

| <u>Estudiante/s</u> | <u>Correo</u> |
|--------------------------|----------------------|
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| <u>Fecha</u> |
|--------------|
| 16/03/2023 |

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1. Resumen ejecutivo.

El propósito de este informe es manejar el efecto que tienen las diversas actividades necesarias para cumplir los requisitos establecidos, lo que se traduce en costos tanto económicos como de tiempo. La elaboración de este tipo de documentos es necesaria porque permite calcular los diferentes tipos de costos y compararlos con los costos reales, lo que facilita la organización del trabajo por parte de los trabajadores y brinda a los clientes información para evaluar si el servicio o el equipo cumplen con sus intereses según dichas estimaciones.

2. Tabla de revisión.

| Número de revisión | Fecha de revisión | Descripción de la revisión |
|--------------------|-------------------|---------------------------------|
| 1 | 16/02/2023 | • Implementación del documento. |

3. Introducción.

En el presente informe se presentará un listado que contiene todas las tareas necesarias para cumplir los requisitos de cada entregable. Cada tarea estará identificada con un título específico que luego será convertido en una rama de trabajo para su ejecución. Asimismo, se incluirá una descripción detallada de lo que se debe hacer en cada tarea, a quién se le ha asignado y su respectivo rol, así como el tiempo estimado y el tiempo real utilizado para completarla.

Por otra parte, se detallará el coste económico asociado a cada tarea, considerando criterios tales como el coste basado en el tiempo real empleado, el coste personal por rol, el precio de amortización y el coste total. De esta forma, se proporcionará una visión clara y precisa de los recursos necesarios para completar cada tarea, lo que permitirá una mejor gestión del proyecto en términos de tiempo y costos.

4. Listado de tareas.

Para que resulte más visual y agilizar el proceso de documentación, se ha optado por mostrar el listado de las tareas mediante capturas realizadas en GitHub, utilizando la extensión de Clockify para calcular el tiempo real.

1) Tarea 004.

- Información general:

The screenshot shows a GitHub task card for 'Task 004 : I#2 - Create Student entity. #26'. The card is titled 'Task 004 : I#2 - Create Student entity. #26' and is marked as 'Closed' by 'laurolmer' 3 weeks ago. The task description states: '4. There is a new project-specific role called student, which has the following profile data: statement (not blank, shorter than 76 characters), list of strong features (not blank, shorter than 101 characters), list of weak features (not blank, shorter than 101 characters), and an optional link with further information.' The card includes a 'Preview' section for code, a 'Leave a comment' section, and a sidebar with metadata: Assignees (Danguepre), Labels (enhancement), Milestone (Add milestone...), Status (Done), Linked pull requests (No linked pull requests), and Repository (Acme-L3-D02). The sidebar also contains links for 'Open in new tab', 'Copy link', 'Archive', and 'Delete from project'.

- Tiempo estimado: 30 minutos.
- Tiempo real: 00:49:17 minutos.

2) Tarea 005.

- Información general:

The screenshot shows a task card in a dark-themed interface. At the top, it says 'Acme-L3-D02 #27' and 'Task 005 : I#2 - Create an Enrolment entity. #27'. Below the title, it indicates the task is 'Closed' and was opened by 'laurolmer' 3 weeks ago. The main content area contains a description of the task: '5. [MANDATORY] An enrolment is a registration of a student in a course. The system must store the following data about them: a code (pattern "[A-Z]{1,3}[0-9]{0-9}[3]', not blank, unique), a motivation (not blank, shorter than 76 characters), some goals (not blank, shorter than 101 characters), and a work time (in hours, computed from the corresponding activities)'. To the right of the description, there are fields for 'Assignees' (Danguepre), 'Labels' (enhancement), 'Milestone' (Add milestone...), 'Status' (Done), 'Linked pull requests' (No linked pull requests), and 'Repository' (Acme-L3-D02). At the bottom, there is a 'Preview' section with a rich text editor toolbar and a 'Leave a comment' field. The bottom right corner has buttons for 'Reopen' and 'Comment'.

- Tiempo estimado: 45 minutos.
- Tiempo real: 01:13:32 minutos.

3) Tarea 006.

- Información general:

The screenshot shows a task card in a dark-themed interface. At the top, it says 'Acme-L3-D02 #28' and 'Task 006 : I#2 - Create a Workbook entity. #28'. Below the title, it indicates the task is 'Closed' and was opened by 'laurolmer' 3 weeks ago. The main content area contains a description of the task: '6. [MANDATORY] Every enrolment has a workbook that is composed of activities. The system must store the following data about them: a title (not blank, shorter than 76 characters), an abstract (not blank, shorter than 101 characters), an indication on whether it can be considered a theory activity or a hands-on activity, a time period (either in the past or the future), and an optional link with further information'. To the right of the description, there are fields for 'Assignees' (Danguepre), 'Labels' (enhancement), 'Milestone' (Add milestone...), 'Status' (Done), 'Linked pull requests' (No linked pull requests), and 'Repository' (Acme-L3-D02). At the bottom, there is a 'Preview' section with a rich text editor toolbar and a 'Leave a comment' field. The bottom right corner has buttons for 'Reopen' and 'Comment'.

- Tiempo estimado: 40 minutos.
- Tiempo real: 01:20:31 minutos.

4) Tarea 007.

- Información general:

The screenshot shows a task card in a dark-themed interface. At the top, it says 'Acme-L3-D02 #29' and 'Task 007 : I#2 - Basic student data. #29'. Below this, a purple 'Closed' status and 'laurolmer opened 3 weeks ago' are visible. The main content area shows a comment from 'laurolmer' 3 weeks ago, stating: '7. The system must handle student dashboards with the following data: total number of theory and hands-on activities in his or her workbook; average, deviation, minimum, and maximum period of the activities in his or her workbook; average, deviation, minimum, and maximum learning time of the courses in which he or she has enrolled.' To the right of the comment is an 'Edit' button. Below the comment is a rich text editor with a 'Preview' tab, a 'Leave a comment' placeholder, and a toolbar with various formatting options. At the bottom of the editor are buttons for 'Reopen' and 'Comment'. On the right side of the card, there is a sidebar with fields: 'Assignees' (Danguepre), 'Labels' (enhancement), 'Milestone' (Add milestone...), 'Status' (Done), 'Linked pull requests' (No linked pull requests), and 'Repository' (Acme-L3-D02). At the bottom right, there are links for 'Open in new tab', 'Copy link', 'Archive', and 'Delete from project'.

- Tiempo estimado: 15 minutos.
- Tiempo real: 00:24:03 minutos.

5) Tarea 008.

- Información general:

The screenshot shows a task card in a dark-themed interface. At the top, it says 'Acme-L3-D02 #30' and 'Task 008 : I#2 - Produce sample data. #30'. Below this, a purple 'Closed' status and 'laurolmer opened 3 weeks ago' are visible. The main content area shows a comment from 'laurolmer' 3 weeks ago, stating: '8. [MANDATORY] Produce assorted sample data to test your application informally. The data must include two student accounts with credentials "student1/student1" and "student2/student2".' To the right of the comment is an 'Edit' button. Below the comment is a rich text editor with a 'Preview' tab, a 'Leave a comment' placeholder, and a toolbar with various formatting options. At the bottom of the editor are buttons for 'Reopen' and 'Comment'. On the right side of the card, there is a sidebar with fields: 'Assignees' (Danguepre), 'Labels' (enhancement), 'Milestone' (Add milestone...), 'Status' (Done), 'Linked pull requests' (No linked pull requests), and 'Repository' (Acme-L3-D02). At the bottom right, there are links for 'Open in new tab', 'Copy link', 'Archive', and 'Delete from project'.

- Tiempo estimado: 1 hora, 30 minutos.

- Tiempo real: 03:52:13 minutos.

6) Tarea 009.

- Información general:

The screenshot shows a GitHub issue page for 'Task 009 : I#2 - Produce an analysis report. #31'. The issue is opened by 'laurolmer' 3 weeks ago and is currently in the 'Open' state. The description is '9. Produce an analysis report.' The right sidebar shows the issue is assigned to 'Danguepre', has a 'documentation' label, and its status is 'In Review'. The repository is 'Acme-L3-D02'. The bottom of the issue shows a 'Preview' section with a rich text editor and a 'Close issue' button.

- Tiempo estimado: 40 minutos.

- Tiempo real: 00:36:02 minutos.

7) Tarea 010.

- Información general:

The screenshot shows a GitHub issue page for 'Task 010 : I#2 - Produce a planning report. #32'. The issue is opened by 'laurolmer' 3 weeks ago and is currently in the 'Open' state. The description is '10. Produce a planning report.' The right sidebar shows the issue is assigned to 'Danguepre', has a 'documentation' label, and its status is 'In Progress'. The repository is 'Acme-L3-D02'. The bottom of the issue shows a 'Preview' section with a rich text editor and a 'Close issue' button.

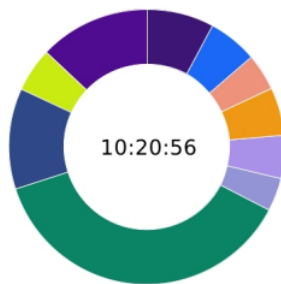
- Tiempo estimado: 30 minutos.

- Tiempo real: 00:32:12 minutos.

Informe de horas totales.

Para mostrar de una forma más visual las horas invertidas en las diferentes tareas individuales realizadas se ha tomado una captura desde la aplicación de Clockify filtrada según mi usuario dentro del workspace, y que aparezca el tiempo total invertido en cada tarea con su descripción.

Descripción



| | | |
|--|----------|--------|
| #28 Task 006 : l#2 - Create a Workbook entity. | 01:20:31 | 12,97% |
| #32 Task 010 : l#2 - Produce a planning report. | 00:32:12 | 5,19% |
| #27 Task 005 : l#2 - Create an Enrolment entity. | 01:13:32 | 11,84% |
| #30 Task 008 : l#2 - Produce sample data. | 03:52:13 | 37,40% |
| #29 Task 007 : l#2 - Basic student data. | 00:24:03 | 3,87% |
| #148 Fix errors mentioned in follow-up session 2 for Student#2 | 00:31:31 | 5,08% |
| Fix problems | 00:35:12 | 5,67% |
| #115 Fix errors mentioned in follow-up session for Student#2 | 00:26:23 | 4,25% |
| #31 Task 009 : l#2 - Produce an analysis report. | 00:36:02 | 5,80% |
| #26 Task 004 : l#2 - Create Student entity. | 00:49:17 | 7,94% |

5. Presupuesto.

Según los distintos roles que han sido ejercidos por mí en el proyecto, se encuentra el siguiente coste económico para cada uno de ellos:

| Puestos / Roles | Sueldo bruto por horas (€/h) | Horas totales trabajadas (h) | Sueldo bruto total (€) | Amortización Individual (11%) | Total |
|-----------------|------------------------------|-----------------------------------|------------------------|-------------------------------|---------|
| Desarrollador | 20€ | 10 hora, 20 minutos y 56 segundos | 206,98€ | 23,00€ | 229,98€ |

Por tanto, el coste total del proyecto siendo un único componente es: **229,98€**

6. Conclusiones.

Se puede apreciar que las tareas se han completado en un tiempo.

7. Bibliografía.

<https://www.ing.es/ennaranja/finanzas-personales/conceptos-utiles/amortizacion-que-es-como-se-calcula/>

