

# INFORME DE ORGANIZACIÓN

Tercer 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	<a href="https://github.com/lauro1mer/Acme-L3-D03.git">https://github.com/lauro1mer/Acme-L3-D03.git</a>

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<u>Fecha</u>
21/04/2023

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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	<ul style="list-style-type: none"><li>Implementación de planning report del entregable 1</li></ul>
2	16/03/2023	<ul style="list-style-type: none"><li>Implementación de planning report del entregable 2</li></ul>
3	21/04/2023	<ul style="list-style-type: none"><li>Implementación de planning report del entregable 3</li></ul>

## 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 001.

- Información general:

Acme-L3-D01 #14

### Student #2 Task 001 - Change the menu. #14

Closed laulolmer opened 2 days ago

laulolmer 2 days ago

[MANDATORY] Modify the anonymous menu so that it shows an option that takes the browser to the home page of your favourite web site. The title must read as follows: "(id-number): (surname), (name)", where "(id-number)" denotes your DNI, NIE, or passport number, "(surname)" denotes your surname/s, and "(name)" denotes your name/s.

Preview

Leave a comment

Markdown is supported Paste, drop, or click to add files

Reopen

Assignees: Danguere

Labels: enhancement

Milestone: Add milestone...

Status: Done

Linked pull requests: No linked pull requests

Repository: Acme-L3-D01

General: Feb 13, 2023

General 2: Feb 16, 2023

Open in new tab

Copy link

Archive

Delete from project

- Tiempo estimado: 15 minutos.

- Tiempo real: 00:11:42 minutos.

## 2) Tarea 002.

- Información general:

Acme-L3-D01 #18

### Student #2 Task 002 - Create an analysis report. #18

Open laulolmer opened 2 days ago

laulolmer 2 days ago

Produce an analysis report.

Preview

Leave a comment

Markdown is supported Paste, drop, or click to add files

Close issue

Comment

Assignees: Danguere

Labels: documentation

Milestone: Add milestone...

Status: In Review

Linked pull requests: No linked pull requests

Repository: Acme-L3-D01

General: Feb 13, 2023

General 2: Feb 16, 2023

Open in new tab

Copy link

Archive

Delete from project

- Tiempo estimado: 45 minutos.

- Tiempo real: 00:34:46 minutos.

## 3) Tarea 003.

- Información general:

The screenshot shows a GitHub issue interface. At the top, the repository is 'Acme-L3-D01 #22'. The issue title is 'Student #2 Task 003 - Create a planning report. #22', marked as 'Open' and opened by 'laurolmer' 2 days ago. The issue body contains the text 'Produce a planning report.' and a comment section with a 'Preview' tab and a rich text editor. The right sidebar shows metadata: Assignees (Danguepre), Labels (documentation), Milestone (Add milestone...), Status (In Progress), Linked pull requests (No linked pull requests), Repository (Acme-L3-D01), General (Feb 13, 2023), and General 2 (Feb 16, 2023). At the bottom right, there are actions: 'Open in new tab', 'Copy link', 'Archive', and 'Delete from project'.

- Tiempo estimado: 1 hora, 10 minutos.

- Tiempo real: 50:28 minutos.

#### 4) Tarea 004.

- Información general:

The screenshot shows a GitHub issue interface. At the top, the repository is 'Acme-L3-D02 #26'. The issue title is 'Task 004 : I#2 - Create Student entity. #26', marked as 'Closed' and opened by 'laurolmer' 3 weeks ago. The issue body contains a detailed description of a new project-specific role called 'student' with specific profile data requirements. The right sidebar shows metadata: Assignees (Danguepre), Labels (enhancement), Milestone (Add milestone...), Status (Done), Linked pull requests (No linked pull requests), Repository (Acme-L3-D02), and actions: 'Open in new tab', 'Copy link', 'Archive', and 'Delete from project'.

- Tiempo estimado: 30 minutos.

- Tiempo real: 00:49:17 minutos.

#### 5) Tarea 005.

- Información general:

The screenshot shows a task card for 'Task 005 : I#2 - Create an Enrolment entity. #27'. The card is titled 'Acme-L3-D02 #27' and 'Task 005 : I#2 - Create an Enrolment entity. #27'. It is marked as 'Closed' and was opened by 'laurolmer' 3 weeks ago. The task description states: '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)'. The card includes a 'Preview' section with a rich text editor and a 'Comment' button. On the right, there are sections 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 right, there are buttons for 'Open in new tab', 'Copy link', 'Archive', and 'Delete from project'.

- Tiempo estimado: 45 minutos.

- Tiempo real: 01:13:32 minutos.

## 6) Tarea 006.

- Información general:

The screenshot shows a task card for 'Task 006 : I#2 - Create a Workbook entity. #28'. The card is titled 'Acme-L3-D02 #28' and 'Task 006 : I#2 - Create a Workbook entity. #28'. It is marked as 'Closed' and was opened by 'laurolmer' 3 weeks ago. The task description states: '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'. The card includes a 'Preview' section with a rich text editor and a 'Comment' button. On the right, there are sections 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 right, there are buttons for 'Open in new tab', 'Copy link', 'Archive', and 'Delete from project'.

- Tiempo estimado: 40 minutos.

- Tiempo real: 01:20:31 minutos.

## 7) 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 the title, there's a status bar with a 'Closed' icon and the text 'laurolmer opened 3 weeks ago'. The main content area has a header with the user 'laurolmer' and '3 weeks ago', and an 'Edit' button. The task description is: '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 description 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 of the sidebar are buttons: 'Open in new tab', 'Copy link', 'Archive', and 'Delete from project'. The main content area has a 'Preview' tab, a rich text editor with various icons, and a 'Leave a comment' field. At the bottom of the main area are buttons: 'Reopen' and 'Comment'.

- Tiempo estimado: 20 minutos.

- Tiempo real: 00:24:03 minutos.

## 8) 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 the title, there's a status bar with a 'Closed' icon and the text 'laurolmer opened 3 weeks ago'. The main content area has a header with the user 'laurolmer' and '3 weeks ago', and an 'Edit' button. The task description is: '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 description 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 of the sidebar are buttons: 'Open in new tab', 'Copy link', 'Archive', and 'Delete from project'. The main content area has a 'Preview' tab, a rich text editor with various icons, and a 'Leave a comment' field. At the bottom of the main area are buttons: 'Reopen' and 'Comment'.

- Tiempo estimado: 1 hora, 30 minutos.

- Tiempo real: 03:52:13 minutos.

## 9) Tarea 009.

- Información general:

The screenshot shows a GitHub issue page for 'Acme-L3-D02 #31'. The issue title is 'Task 009 : I#2 - Produce an analysis report. #31'. It was opened by 'laurolmer' 3 weeks ago and is currently 'Open'. The issue is assigned to 'Danguepre' and has the 'documentation' label. The status is 'In Review'. The issue body contains the text '9. Produce an analysis report.' and a comment section with a 'Preview' tab. The right sidebar shows options to 'Open in new tab', 'Copy link', 'Archive', and 'Delete from project'.

- Tiempo estimado: 40 minutos.

- Tiempo real: 00:36:02 minutos.

#### 10) Tarea 010.

- Información general:

The screenshot shows a GitHub issue page for 'Acme-L3-D02 #32'. The issue title is 'Task 010 : I#2 - Produce a planning report. #32'. It was opened by 'laurolmer' 3 weeks ago and is currently 'Open'. The issue is assigned to 'Danguepre' and has the 'documentation' label. The status is 'In Progress'. The issue body contains the text '10. Produce a planning report.' and a comment section with a 'Preview' tab. The right sidebar shows options to 'Open in new tab', 'Copy link', 'Archive', and 'Delete from project'.

- Tiempo estimado: 30 minutos.

- Tiempo real: 00:32:12 minutos



## 11) Tarea 011

The screenshot shows a task card in a project management tool. The card is titled 'Task 011 : I#2 - Anonymous operations on user accounts #31' and is marked as 'Closed'. It was opened by 'laurolmer' on Mar 20. The task description is '11. Operations by anonymous principals on user accounts:' with a sub-task 'Sign up to the system and become a student.' The card includes a 'Preview' section with a rich text editor and a 'Reopen' button. On the right, there is a sidebar with 'Assignees' (Danguepre), 'Labels' (enhancement), 'Milestone' (Add milestone...), 'Status' (Done), 'Linked pull requests' (No linked pull requests), and 'Repository' (Acme-L3-D03). At the bottom right, there are links for 'Open in new tab', 'Copy link', 'Copy link in project', 'Archive', and 'Delete from project'.

Tiempo estimado: 40 minutos

Tiempo real: 01:01:07 minutos

## 12) Tarea 012

The screenshot shows a task card in a project management tool. The card is titled 'Task 012 : I#2 - Students operations on user accounts. #32' and is marked as 'Closed'. It was opened by 'laurolmer' on Mar 20. The task description is '12. Operations by students on user accounts:' with a sub-task 'Update their profiles.' The card includes a 'Preview' section with a rich text editor and a 'Reopen' button. On the right, there is a sidebar with 'Assignees' (Danguepre), 'Labels' (enhancement), 'Milestone' (Add milestone...), 'Status' (Done), 'Linked pull requests' (No linked pull requests), and 'Repository' (Acme-L3-D03). At the bottom right, there are links for 'Open in new tab', 'Copy link', 'Copy link in project', 'Archive', and 'Delete from project'.

Tiempo estimado: 30 minutos

Tiempo real: 00:17:13 minutos

### 13) Tarea 013

Acme-L3-D03 #33

**Task 013 : I#2 - Students operations on courses. #33**

Closed

laurolmer opened on Mar 20

laurolmer on Mar 20

Edit

13. Operations by any students on courses:

- List the courses in the system that are published.
- Show the details of the courses in the system, including their lectures and lecturers.

👤

Preview

H B I

Leave a comment

📄 Markdown is supported

Paste, drop, or click to add files

Reopen

Comment

Assignees

Danguepre

Labels

enhancement

Milestone

Add milestone...

Status

Done

Linked pull requests

No linked pull requests

Repository

Acme-L3-D03

Open in new tab

Copy link

Copy link in project

Archive

Delete from project

Tiempo estimado: 1 hora, 30 minutos

Tiempo real: 02:01:12 minutos

### 14) Tarea 014

Acme-L3-D03 #34

**Task 014 : I#2 - Students operations on enrolments (MANDATORY). #34**

Closed

laurolmer opened on Mar 20

laurolmer on Mar 20

Edit

14. [MANDATORY] Operations by students on enrolments:

- List their own enrolments.
- Show the details of their enrolments.
- Register an enrolment.
- Update or delete an enrolment as long as it is not finalised.
- Finalise an enrolment. This requires providing a valid credit card; the system will only store its holder and its lower nibble.

👤

Preview

H B I

Leave a comment

📄 Markdown is supported

Paste, drop, or click to add files

Reopen

Comment

Assignees

Danguepre

Labels

enhancement

Milestone

Add milestone...

Status

Done

Linked pull requests

No linked pull requests

Repository

Acme-L3-D03

Open in new tab

Copy link

Copy link in project

Archive

Delete from project

Tiempo estimado: 3 horas

Tiempo real: 03:31:24 minutos

15) Tarea 015

Acme-L3-D03 #35

Task 015 : I#2 - Students operations on workbook (MANDATORY). #35

Closed

laurolmer opened on Mar 20

laurolmer

on Mar 20

Edit

15. [MANDATORY] Operations by students on workbooks:

- List the activities in their workbooks.
- Show the details of their workbooks.
- Create a new activity in their workbooks, as long as the corresponding enrolment is finalised.
- Update or delete the activities in their workbooks, as long as the corresponding enrolment is finalised.

Assignees

Danguepre

Labels

enhancement

Milestone

Add milestone...

Status

Done

Linked pull requests

No linked pull requests

Repository

Acme-L3-D03

Preview

Leave a comment

Markdown is supported

Paste, drop, or click to add files

Reopen

Comment

Open in new tab

Copy link

Copy link in project

Archive

Delete from project

Tiempo estimado: 2 horas, 15 minutos

Tiempo real: 03:16:57 minutos

16) Tarea 017

Acme-L3-D03 #37

Task 017 : I#2 - Produce an analysis report. #37

Closed

laurolmer opened on Mar 20

laurolmer

on Mar 20

Edit

17. Produce an analysis report.

Assignees

Danguepre

Labels

enhancement

Milestone

Add milestone...

Status

Done

Linked pull requests

No linked pull requests

Repository

Acme-L3-D03

Preview

Leave a comment

Markdown is supported

Paste, drop, or click to add files

Reopen

Comment

Open in new tab

Copy link

Copy link in project

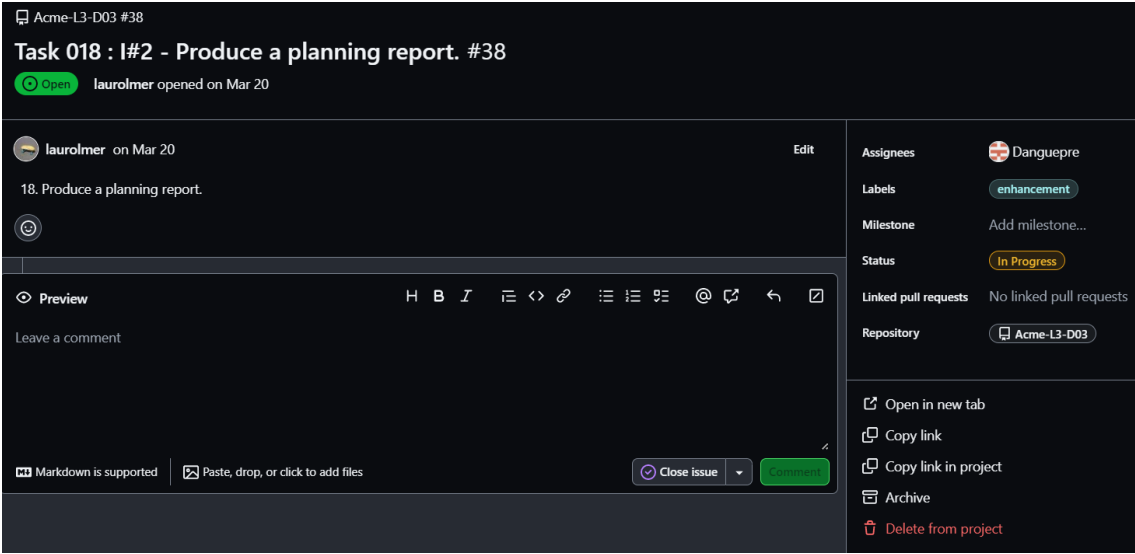
Archive

Delete from project

Tiempo estimado 30 minutos

Tiempo real: 00:31:03 minutos

17) Tarea 018



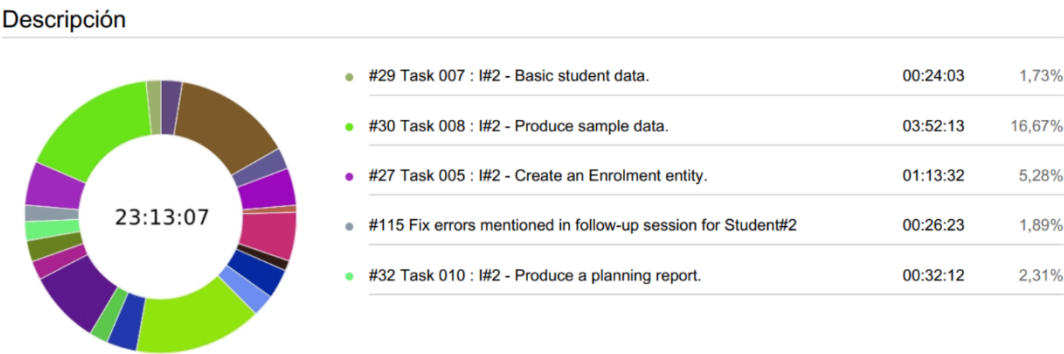
Tiempo estimado: 30 minutos

Tiempo real: 00:36:19 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.

D03:



## 5. Presupuesto.

### 5.1. Costes según roles y horas.

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

Rol	Coste por hora
Desarrollador	20€

El coste individual directo se calculará teniendo en cuenta las horas en las que se ha trabajado ejerciendo de cada rol específico:

Rol	Tiempo invertido	Horas totales	Coste
Desarrollador	23:13:07	23,22	464,37 €

### 5.2. Costes indirectos (amortizaciones)

Todo proyecto que incluya un sistema informático debe de amortizarse, ya que es una forma de cuantificar la pérdida de valor de ese equipo (4). En este caso, se considera un periodo mínimo de 3 años, equivalentes a unos 36 meses y se usa un equipo informático valorado en 1100€. Para calcular el porcentaje de amortización lineal, se aplicará la siguiente fórmula:

**Amortización anual = Valor adquisición x coeficiente (%)**

Donde el valor de adquisición serán los 4 meses que usaremos el equipo para realizar el proyecto y 36 meses que es la vida útil estimada. Resulta un coeficiente del 11%. El coste de amortización se realizaría de la siguiente forma:

**Coste de amortización = Coste del equipo \* porcentaje de amortización = 1100€ \* 0.11% = 121€**

### 5.3. Costes totales.

Para obtener el presupuesto total, se suman los costes directo e indirecto.

Resumen de costes individuales				
Miembro	Horas totales	Coste indiv. Bruto	Amortización	Presupuesto
danguepre	23,22	464,37 €	51,60 €	515,97 €

## 6. Conclusiones.

En general, se ha observado que las tareas han tardado más tiempo del previsto en completarse. Por lo tanto, en los próximos entregables se buscará mejorar esta situación mediante una mejor estimación del tiempo que se necesita para llevar a cabo cada tarea.

## **7. Bibliografía.**

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