

Universidad de Sevilla

Escuela Técnica Superior de Ingeniería Informática

## Planning Report




Grado en Ingeniería Informática – Ingeniería del Software

Diseño y Pruebas 2

Curso 2022 – 2023

Grupo de prácticas: C1-03-09	
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	Diseño y Pruebas II Acme-Life-Long-Learning-Inc
	<b>Planning Report</b>

## Índice de contenido

1. Resumen ejecutivo	2
2. Tabla de revisiones	4
3. Introducción	5
4. Tareas	6
5. Presupuesto	11
6. Conclusiones	12
7. Bibliografía	13

	Diseño y Pruebas II Acme-Life-Long-Learning-Inc
	<b>Planning Report</b>


## 1. Resumen ejecutivo

A continuación dejaremos constancia de todas las tareas que hemos realizado para este entregable incluyendo para cada tarea los aspectos:

- Nombre: Nombre de la tarea.
- Descripción: Donde haremos una pequeña descripción de la tarea.
- Autor: Donde se especifica que participante del grupo es el encargado de realizar la tarea.
- Tiempo Estimado: Tiempo en el que pensamos que podemos realizar la tarea.
- Tiempo Real: Tiempo que hemos empleado para la realización de la tarea.


Además, un presupuesto total detallado con los siguientes aspectos:

- Número de horas: Donde especificamos el número de horas total empleado para la realización de las tareas.
- Coste personal: Coste de cada persona en función de su rol

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	<b>Planning Report</b>


## 2. Tabla de revisiones

Fecha	Versión	Descripción
04/03/2023	1.0	Primera versión del documento
15/03/2023	2.0	Algunos tiempos reales añadidos

	Diseño y Pruebas II Acme-Life-Long-Learning-Inc
	<b>Planning Report</b>

### 3. Introducción

En este documento se detallarán las tareas que hemos realizado para este entregable, cada una con su información correspondiente, además de un presupuesto detallado.

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	<b>Planning Report</b>

## 4. Tareas

Para indicar las tareas a realizar, las presentaremos mediante una tabla:

Task 001-System configuration	
Descripción:	The system configuration must include the following initial data: <ul style="list-style-type: none"> <li>• A system currency, which must be initialised to “EUR”.</li> <li>• A list of accepted currencies, which must be initialised to “EUR”, “USD”, and “GBP”.</li> </ul>
Autor	jualeomad
Tiempo Estimado	20min
Tiempo Real	—

Task 002-Peep	
Descripción:	A peep is a message posted by anyone. The system must store the following data about them: an instantiation moment (in the past), a title (not blank, shorter than 76 characters), a nick (not blank, shorter than 76 characters), a message (not blank, shorter than 101 characters), an optional email address, and an optional link.
Autor	juamarcan8
Tiempo Estimado	1h
Tiempo Real	30min


Task 003-Bulletin	
Descripción:	A bulletin is a message posted by an administrator. The system must store the following data about them: an instantiation moment (in the past), a title (not blank, shorter than 76 characters), a message (not blank, shorter than 101 characters), a flag to indicate whether it is critical or not, and an optional link with further information.
Autor	juamarcan8
Tiempo Estimado	1h
Tiempo Real	28min

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	<b>Planning Report</b>

Task 004-Offer	
Descripción:	An offer is a record in which an administrator advertises something. The system must store the following data about them: an instantiation moment (in the past), a heading (not blank, shorter than 76 characters), a summary (not blank, shorter than 101 characters), an availability period (at least one day after the offer is instantiated and must last for at least one week), a price (positive, possibly nought), and an optional link with further information.
Autor	JCLPV
Tiempo Estimado	1h
Tiempo Real	55min

Task 005-Note	
Descripción:	A note is a message posted by an authenticated principal. The system must store the following data about them: an instantiation moment, a title (not blank, shorter than 76 characters), an author (not blank, shorter than 76 characters), a message (not blank, shorter than 101 characters), an optional email address, and an optional link. The author must be computed as follows: “<username> - <surname, name>”, where “<user-name>” denotes the username of the principal who has posted the note and “<surname, name>” denotes his or her full name.
Tiempo Estimado	1h 30min
Tiempo Real	26min 31s

Task 006-Banner	
Descripción:	A banner allows administrators to advertise products, services, or organisations. The system must store the following data about them: an instantiation/update moment (in the past), a display period (must start at any moment after the instantiation/update moment and must last for at least one week), a link to a picture that must be stored somewhere else, a slogan (not blank, shorter than 76 characters), and a link to a target web document.
Autor	jualeomad
Tiempo Estimado	30min
Tiempo Real	20min 13s

	Diseño y Pruebas II Acme-Life-Long-Learning-Inc
	<b>Planning Report</b>

Task 007-Administrator DashBoard	
Descripción:	The system must handle administrator dashboards with the following indicators: total number of principals with each role; ratio of peeps with both an email address and a link; ratios of critical and non-critical bulletins; average, minimum, maximum, and standard deviation of the budget in the offers grouped by currency; average, minimum, maximum, and standard deviation of the number of notes posted over the last 10 weeks.
Autor	edubusluc
Tiempo Estimado	30min
Tiempo Real	—

Task 008-Initial Data	
Descripción:	Produce initial data to cold start your project; it must include an administrator account with credentials “administrator/administrator”. Produce assorted sample data to test your re-quirements; it must include two administrator accounts with credentials “administra-tor1/administrator1” and “administrator2/administrator2”.
Autor	rafgargal
Tiempo Estimado	30min
Tiempo Real	15min 41s

Task 009-Lecture	
Descripción:	Produce initial data to cold start your project; it must include an administrator account with credentials “administrator/administrator”. Produce assorted sample data to test your re-quirements; it must include two administrator accounts with credentials “administra-tor1/administrator1” and “administrator2/administrator2”.
Autor	rafgargal
Tiempo Estimado	45min
Tiempo Real	22min 37s




	Diseño y Pruebas II Acme-Life-Long-Learning-Inc
	<b>Planning Report</b>

Task 010-Course	
Descripción:	A course aggregates several lectures by the same lecturer. The system must store the following data about them: a code (pattern "[A-Z]{1,3} [0-9]{3}", not blank, unique), 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 course or a hands-on course (depending on the lectures that it aggregates), a retail price (positive or nought), and an optional link with further information. Purely theoretical courses must be rejected by the system.
Autor	rafgargal
Tiempo Estimado	1h 30min
Tiempo Real	51min 32s

Task 011-Lecture	
Descripción:	A lecture is a document that a lecturer uses to get some knowledge across. 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 estimated learning time (in hours, positive, not nought), a body (not blank, shorter than 101 characters), an indication on whether it can be considered theoretical or hands-on, and an optional link with further information.
Autor	rafgargal
Tiempo Estimado	1h
Tiempo Real	21min 7s

Task 012-Lecturer dashboard	
Descripción:	The system must handle lecturer dashboards with the following data: total number of theory and hands-on lectures; average, deviation, minimum, and maximum learning time of the lectures; average, deviation, minimum, and maximum learning time of the courses.
Autor	rafargal
Tiempo Estimado	1h
Tiempo Real	16min 9s

	Diseño y Pruebas II Acme-Life-Long-Learning-Inc
	<b>Planning Report</b>

Task 013-Assorted sample data (two lecturer)	
Descripción:	Produce assorted sample data to test your application informally. The data must include two lecturer accounts with credentials "lecturer1/lecturer1" and "lecturer2/lecturer2".
Autor	rafgargal
Tiempo Estimado	30min
Tiempo Real	1h 26min 13s

Task 014-Assistant	
Descripción:	There is a new project-specific role called assistant, which has the following profile data: super-visor (not blank, shorter than 76 characters), list of expertise fields (not blank, shorter than 101 characters), résumé (not blank, shorter than 101 characters), and an optional link with further information.
Autor	jualeomad
Tiempo Estimado	30min
Tiempo Real	26min 32s


Task 015-Tutorial	
Descripción:	A tutorial provides additional support to a course by means of one or more sessions. The sys-tem must store the following data about them: a code (pattern "[A-Z]{1,3}[0-9][0-9]{3}", not blank, unique), a title (not blank, shorter than 76 characters), an abstract (not blank, shorter than 101 characters), some goals (not blank, shorter than 101 characters), and an estimated to-tal time.
Autor	jualeomad
Tiempo Estimado	40min
Tiempo Real	25min 54s

	Diseño y Pruebas II Acme-Life-Long-Learning-Inc
	<b>Planning Report</b>

Task 016-Sessions data	
Descripción:	The system must store the following data about the sessions: 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 session or a hands-on session, a time period (at least one day ahead, from one up to five hour long), and an optional link with further information.
Autor	jualeomad
Tiempo Estimado	40min
Tiempo Real	17min 45s

Task 017-Assistant dashboard	
Descripción:	The system must handle assistant dashboards with the following data: total number of tutorials regarding theory or hands-on courses; average, deviation, minimum, and maximum time of his or her sessions; average, deviation, minimum, and maximum time of his or her tutorials.
Autor	jualeomad
Tiempo Estimado	1h
Tiempo Real	6min 14s


Task 018-Assistant sample data (assistant)	
Descripción:	Produce assorted sample data to test your application informally. The data must include two assistant accounts with credentials "assistant1/assistant1" and "assistant2/assistant2".
Autor	jualeomad
Tiempo Estimado	30min
Tiempo Real	1h 5min 50s

	Diseño y Pruebas II Acme-Life-Long-Learning-Inc
	<b>Planning Report</b>

Task 019-Company	
Descripción:	There is a new project-specific role called company, which has the following profile data: name (not blank, shorter than 76 characters), VAT number (not blank, shorter than 26 characters), summary (not blank, shorter than 101 characters), and an optional link with further information.
Autor	juanmarcar8
Tiempo Estimado	1h
Tiempo Real	37 min

Task 020-Practicum	
Descripción:	A practicum helps put hands-on courses into practice in the context of a real company. 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 title (not blank, shorter than 76 characters), an abstract (not blank, shorter than 101 characters), some goals (not blank, shorter than 101 characters), and an estimated total time (in hours, computed from the corresponding sessions plus/minus 10%).
Autor	juamarcán8
Tiempo Estimado	1h 30min
Tiempo Real	1h 04min


Task 021-Session practicum data	
Descripción:	The system must store the following data about the sessions in a practicum: a title (not blank, shorter than 76 characters), an abstract (not blank, shorter than 101 characters), a time period (at least one week ahead, at least one week long), and an optional link with further information.
Autor	juamarcán8
Tiempo Estimado	45min
Tiempo Real	32min

	Diseño y Pruebas II Acme-Life-Long-Learning-Inc
	<b>Planning Report</b>

Task 022-Company Dashboard	
Descripción:	The system must handle company dashboards with the following data: total number of practica regarding theory or hands-on courses grouped by month during the last year; average, deviation, minimum, and maximum period length of the sessions in their practica; average, deviation, minimum, and maximum period length of their practica.
Autor	juamarc8
Tiempo Estimado	1h 45min
Tiempo Real	59 min

Task 023-Assorted sample	
Descripción:	Produce assorted sample data to test your application informally. The data must include two company accounts with credentials “company1/company1” and “company2/company2”.
Autor	juamarc8
Tiempo Estimado	1h 15min
Tiempo Real	54 min

Task 024-Auditor	
Descripción:	There is a new project-specific role called auditor, which has the following profile data: firm (not blank, shorter than 76 characters), professional ID (not blank, shorter than 26 characters), a list of certifications (not blank, shorter than 101 characters), and an optional link with further information
Autor	JCLPV
Tiempo Estimado	1h
Tiempo Real	17min

	Diseño y Pruebas II Acme-Life-Long-Learning-Inc
	<b>Planning Report</b>

Task 025-Audit	
Descripción:	An audit is a document with auditing records regarding a published 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 conclusion (not blank, shorter than 101 characters), some strong points (not blank, shorter than 101 characters), some weak points (not blank, shorter than 101 characters), and a mark (computed as the mode of the marks in the corresponding auditing records; ties must be broken arbitrarily if necessary).
Autor	JCLPV
Tiempo Estimado	1h
Tiempo Real	21min

Task 026-Auditing record data	
Descripción:	The system must store the following data about the auditing records of a course: a subject (not blank, shorter than 76 characters), an assessment (not blank, shorter than 101 characters), the period during which the subject was audited (in the past, at least one hour long), a mark (“A+”, “A”, “B”, “C”, “F”, or “F-”), and an optional link with further information.
Autor	JCLPV
Tiempo Estimado	40min
Tiempo Real	42min


Task 027-Auditor Dashboard	
Descripción:	The system must handle auditor dashboards with the following data: total number of audits that they have written for theory and hand-on courses; average, deviation, minimum, and maximum number of auditing records in their audits; average, deviation, minimum, and maximum time of the period lengths in their auditing records.
Autor	JCLPV
Tiempo Estimado	1h
Tiempo Real	17min

	Diseño y Pruebas II Acme-Life-Long-Learning-Inc
	<b>Planning Report</b>

Task 028-Assorted sample data (auditor)	
Descripción:	Produce assorted sample data to test your application informally. The data must include two auditor accounts with credentials “auditor1/auditor1” and “auditor2/auditor2”.
Autor	JCLPV
Tiempo Estimado	40min
Tiempo Real	1h 54min

Task 029-Student	
Descripción:	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), -> An optional link with further information.
Autor	edubusluc
Tiempo Estimado	1h
Tiempo Real	1h 10min

Task 030-Enrolment	
Descripción:	An enrolment is a registration of a student in a course. The system must store the following data about them: -> 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), -> A work time (in hours, computed from the corresponding activities).
Autor	edubusluc
Tiempo Estimado	1h
Tiempo Real	1h 27min


	Diseño y Pruebas II Acme-Life-Long-Learning-Inc
	<b>Planning Report</b>

Task 031-Workbook	
Descripción:	<p>Every enrolment has a workbook that is composed of activities. The system must store the following data about them:</p> <ul style="list-style-type: none"> <li>-&gt; A title (not blank, shorter than 76 characters).</li> <li>-&gt; An abstract (not blank, shorter than 101 characters).</li> <li>-&gt; An indication on whether it can be considered a theory activity or a hands-on activity.</li> <li>-&gt; A time period (either in the past or the future).</li> <li>-&gt; An optional link with further information.</li> </ul>
Autor	edubusluc
Tiempo Estimado	40min
Tiempo Real	1h 10min

Task 032-Handle Student DashBoards	
Descripción:	<p>The system must handle student dashboards with the following data:</p> <ul style="list-style-type: none"> <li>-&gt; Total number of theory and hands-on activities in his or her workbook.</li> <li>-&gt; Average, deviation, minimum, and maximum period of the activities in his or her workbook.</li> <li>-&gt; Average, deviation, minimum, and maximum learning time of the courses in which he or she has enrolled.</li> </ul>
Autor	edubusluc
Tiempo Estimado	1h 15min
Tiempo Real	50min

Task 033-Domain model group	
Descripción:	Realización del modelo UML de las tareas grupales.
Autor	edubusluc
Tiempo Estimado	1h
Tiempo Real	—




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	<b>Planning Report</b>

Task 034-Domain model Student1	
Descripción:	Realización del modelo UML de las tareas correspondientes al Student 1.
Autor	rafgargal
Tiempo Estimado	30min
Tiempo Real	2h 11min 16s


Task 035-Domain model Student2	
Descripción:	Realización del modelo UML de las tareas correspondientes al Student 2.
Autor	edubusluc
Tiempo Estimado	45min
Tiempo Real	1h 15min

Task 036-Domain model Student3	
Descripción:	Realización del modelo UML de las tareas correspondientes al Student 3.
Autor	jualeomad
Tiempo Estimado	1h
Tiempo Real	2h 15min

Task 037-Domain model Stuent4	
Descripción:	Realización del modelo UML de las tareas correspondientes al Student 4.
Autor	juamarcán8
Tiempo Estimado	45min
Tiempo Real	52 min


	Diseño y Pruebas II Acme-Life-Long-Learning-Inc
	<b>Planning Report</b>

Task 038-Domain model Student5	
Descripción:	Realización del modelo UML de las tareas correspondientes al Student 5.
Autor	JCLPV
Tiempo Estimado	1h
Tiempo Real	1h 26min

	Diseño y Pruebas II Acme-Life-Long-Learning-Inc
	<b>Planning Report</b>


## 5. Presupuesto

Presupuesto				
Rol	Coste Por Hora	Tareas a Realizar	Tiempo	Coste Total
Manager	30€/h	8	7h 15min	217,5 €
Analista	30€/h	7	6h 10min	185 €
Desarrollador	20€/h	8	9h	180 €
Tester	20€/h	8	5h 55min	118,3 €
Operador	20€/h	7	5h 30min	110 €
Subtotal:		38	33h 50min	810,8 €

	Diseño y Pruebas II Acme-Life-Long-Learning-Inc
	<b>Planning Report</b>

## 6. Conclusiones

En conclusión, tras la especificación detallada de las tareas y el presupuesto calculado, podemos afirmar que hemos tenido una buena planificación aunque deberíamos afinar el tema de las estimaciones.

	Diseño y Pruebas II Acme-Life-Long-Learning-Inc
	<b>Planning Report</b>

## 7. Bibliografía

- <https://app.clockify.me/tracker> para saber las horas dedicadas a cada tarea