Workgroup C1.067

Planning and progress report – D03

26/05/2025

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Executive Summary:

The following document addresses the planning and progress of the tasks regarding the individual requirements of Student#2 of the workgroup C1.067 during the time period of the third deliverable of the subject.

Revision Table

|  |  |  |
| --- | --- | --- |
| Revision Number | Date | Description |
| 1.0 | 26/05/2025 | Initial version of the planning and progress report |
|  |  |  |
|  |  |  |

# INTRODUCTION

This report offers a comprehensive overview of the tasks accomplished to fulfill the requirements of the specified deliverable. It features a structured list of tasks that includes titles, descriptions, assignees, and both planned and actual time spent. Key moments in the development process are illustrated with accompanying screenshots, in line with the established working methodology. Furthermore, the report provides a breakdown of estimated and actual budgets, emphasizing personnel and amortization costs. Lastly, it reviews progress records, conflict resolution strategies, and compares initial budget estimates with actual expenditures.

# PLANNING

## Tasks Performed:

**Title:** Task 156 - Operations by administrators on recommendations

**Description:** Populate the database with recommendations somehow related to locations (e.g., related to cities or countries).

**Assignee/s:** Tudor Cristian Lacatus Cosma (tcosma in GitHub)

**Role/s:** Developer

**Expected Time:** 1.5 H

**Time Spent:** 1.25 H

**Title:** Task 155 - Operations by customers on recommendations

**Description:** List recommendations related to final destinations in their bookings.

**Assignee/s:** Tudor Cristian Lacatus Cosma (tcosma in GitHub)

**Role/s:** Developer

**Expected Time:** 1 H

**Time Spent:** 1 H

**Title:** Task 105/T2 - Implement operations by customers on bookings

**Description:** Check that hacking attempts are not feasible

**Assignee/s:** Aarón Jesús Acuña Bellido (aaronacuuna in GitHub)

**Role/s:** Tester

**Expected Time:** 0.15 H

**Time Spent:** 0.1 H

**Title:** Task 105/R1 - Implement operations by customers on bookings

**Description:** Fix all hacking issues.

**Assignee/s:** Tudor Cristian Lacatus Cosma (tcosma in GitHub)

**Role/s:** Developer

**Expected Time:** 1 H

**Time Spent:** 1 H

**Title:** Task 130/T1 - Operations by administrators on recommendations

**Description:** This review task involves verifying the process of populating the database with recommendations that are relevant to geographical locations, such as cities or countries. This includes ensuring the recommendations are appropriately linked to these locations within the database structure

**Assignee/s:** Miguel Prado Jiménez (mpradoj04 in GitHub)

**Role/s:** Tester

**Expected Time:** 1.2 H

**Time Spent:** 1 H

**Title:** Task 130 - Operations by administrators on recommendations

**Description:** • Populate the database with recommendations somehow related to locations (e.g., related to cities or countries).

**Assignee/s:** Tudor Cristian Lacatus Cosma (tcosma in GitHub)

**Role/s:** Developer

**Expected Time:** 0.5 H

**Time Spent:** 1 H

**Title:** Task 129 - Operations by customers on recommendations

**Description:** • List recommendations related to final destinations in their bookings.

**Assignee/s:** Tudor Cristian Lacatus Cosma (tcosma in GitHub)

**Role/s:** Developer

**Expected Time:** 1 H

**Time Spent:** 1 H

**Title:** Task 126/T1 - Provide a link to a video testing R8 and R9

**Description:** This review task requires verifying that the partner has provided a link to a video, not exceeding 10 minutes, stored at USE's facilities, which informally tests the functionalities described in requirements #8 and #9.

**Assignee/s:** Javier Arellano López (javiarellanoo in GitHub)

**Role/s:** Tester

**Expected Time:** 1 H

**Time Spent:** 1 H

**Title:** Task 126 - Provide a link to a video testing R8 and R9

**Description:** Provide a link to a video in which you informally test requirement #8 and #9. Videos should not exceed 10 minutes in length and must be stored at the USE's facilities.

**Assignee/s:** Tudor Cristian Lacatus Cosma (tcosma in GitHub)

**Role/s:** Developer

**Expected Time:** 1 H

**Time Spent:** 1 H

**Title:** Task 125/T1 - Operations by customer on dashboards

**Description:** • Show their customer dashboards.

**Assignee/s:** Raul Calero Capote (RauruGW in GitHub)

**Role/s:** Tester

**Expected Time:** 0.5 H

**Time Spent:** 0.25 H

**Title:** Task 125 - Operations by customer on dashboards

**Description:** • Show their customer dashboards.

**Assignee/s:** Tudor Cristian Lacatus Cosma (tcosma in GitHub)

**Role/s:** Developer

**Expected Time:** 1.25 H

**Time Spent:** 1 H

**Title:** Task 120/T1 - Operations by administrators on bookings

**Description:** This review task involves verifying the administrator's ability to manage published bookings within the system, specifically ensuring they can list all published bookings and view detailed information for each, including associated passengers.

**Assignee/s:** Raul Calero Capote (RauruGW in GitHub)

**Role/s:** Tester

**Expected Time:** 0.5 H

**Time Spent:** 0.25 H

**Title:** Task 120 - Operations by administrators on bookings

**Description:** • List the bookings in the system that are published.  
• Show the details of the bookings (including the passengers).

**Assignee/s:** Tudor Cristian Lacatus Cosma (tcosma in GitHub)

**Role/s:** Developer

**Expected Time:** 1.9 H

**Time Spent:** 1.5 H

**Title:** Task 119/T1 - Operations by customers on user accounts

**Description:** This review task focuses on verifying operations performed by customers on their user accounts, specifically ensuring the correct functionality of updating their profiles.

**Assignee/s:** Miguel Prado Jiménez (mpradoj04 in GitHub)

**Role/s:** Tester

**Expected Time:** 0.25 H

**Time Spent:** 0.25 H

**Title:** Task 119 - Operations by customers on user accounts:

**Description:** Update their profiles.

**Assignee/s:** Tudor Cristian Lacatus Cosma (tcosma in GitHub)

**Role/s:** Developer

**Expected Time:** 0.8 H

**Time Spent:** 1 H

**Title:** Task 118/T1 - Operations by anonymous principals on user accounts

**Description:** Please review the operations performed by anonymous principals on user accounts, specifically the action of signing up for the system and becoming a customer, to ensure it is acceptable.

**Assignee/s:** Miguel Prado Jiménez (mpradoj04 in GitHub)

**Role/s:** Tester

**Expected Time:** 1 H

**Time Spent:** 0.8 H

**Title:** Task 118 - Operations by anonymous principals on user accounts

**Description:** • Sign up to the system and become a customer.

**Assignee/s:** Tudor Cristian Lacatus Cosma (tcosma in GitHub)

**Role/s:** Developer

**Expected Time:** 1 H

**Time Spent:** 1 H

**Title:** Task 105/T1 - Implement operations by customers on bookings

**Description:** Review that the implementation is correct, and that is not possible to perform any hacking

**Assignee/s:** Javier Arellano López (javiarellanoo in GitHub)

**Role/s:** Tester

**Expected Time:** 0.5 H

**Time Spent:** 0.25 H

**Title:** Task 105/R1- Implement operations by customers on bookings

**Description:** Refactor and correct the authorize, bind, and unbind methods to ensure proper functionality and robustness. Implement additional security measures to prevent potential attack vectors or exploitable vulnerabilities.

**Assignee/s:** Tudor Cristian Lacatus Cosma (tcosma in GitHub)

**Role/s:** Developer

**Expected Time:** 1 H

**Time Spent:** 0.7 H

**Title:** Task 114/T1 - Upload mandatory documents

**Description:** Review that the mandatory documents are okay

**Assignee/s:** Javier Arellano López (javiarellanoo in GitHub)

**Role/s:** Tester

**Expected Time:**  H

**Time Spent:**  H

**Title:** Task 114 - Upload mandatory documents

**Description:** Upload requirements and dashboard documents

**Assignee/s:** Tudor Cristian Lacatus Cosma (tcosma in GitHub)

**Role/s:** Developer

**Expected Time:**  H

**Time Spent:**  H

**Title:** Task 106/T1 - Implement operations by customers on passengers

**Description:** Test that the operations are well implemented

**Assignee/s:** Aarón Jesús Acuña Bellido (aaronacuuna in GitHub)

**Role/s:** Tester

**Expected Time:** 1 H

**Time Spent:** 0.6 H

**Title:** Task 105/T1 - Implement operations by customers on bookings

**Description:** Review that the implementation is well implemented

**Assignee/s:** Javier Arellano López (javiarellanoo in GitHub)

**Role/s:** Tester

**Expected Time:** 0.5 H

**Time Spent:** 0.25 H

**Title:** Task 106 - Implement operations by customers on passengers

**Description:** Task 106 - Implement operations by customers on passengers

**Assignee/s:** Tudor Cristian Lacatus Cosma (tcosma in GitHub)

**Role/s:** Developer

**Expected Time:** 1 H

**Time Spent:** 0.5 H

**Title:** Task 105 - Implement operations by customers on bookings

**Description:** Operations by customers on bookings:   
• List their bookings.   
• Show the details of their bookings and the associated passengers, if any.  
• Create or update their bookings. Bookings can be updated as long as they have not been published. A booking can be published only when the last credit card nibble has been stored.

**Assignee/s:** Tudor Cristian Lacatus Cosma (tcosma in GitHub)

**Role/s:** Developer

**Expected Time:** 1 H

**Time Spent:** 0.75 H

**Title:** Planning and progress report

**Description:** Write a planning and progress report

**Assignee/s:** Tudor Cristian Lacatus Cosma (tcosma in GitHub)

**Role/s:** Proyect Manager

**Expected Time:** 0,5 H

**Time Spent:** 1 H

**Title:** Analysis report

**Description:** Write an analysis report

**Assignee/s:** Tudor Cristian Lacatus Cosma (tcosma in GitHub)

**Role/s:** Analyst

**Expected Time:** 0,5 H

**Time Spent:** 1 H

## Screenshots:

The following screenshots were taken during different moments of the Deliverable, showcasing different stages of the methodology proposed by the subject.

**Tasks in the middle of the process:**

**Interfaz de usuario gráfica, Texto, Aplicación, Chat o mensaje de texto

El contenido generado por IA puede ser incorrecto.**

**Tasks in the done lane:**

**Interfaz de usuario gráfica, Texto, Aplicación

El contenido generado por IA puede ser incorrecto.**

## Budget:

The budget for Delivery 03 includes the estimated hours per role, personnel costs, and amortization costs. Depending on the nature of the task, I have assumed a specific role, which is considered when calculating the budget. Personnel costs are determined based on the following hourly rates:

* Project Managers and analysts: €30.00 per hour
* Developers, testers, and other roles: €20.00 per hour

After summing the estimated times for each task, taking into account the assumed role, the final budget is obtained.

|  |  |  |  |
| --- | --- | --- | --- |
| Role | Hourly Rate (€) | Estimated time(hrs) | Estimated cost (€) |
| Project Manager | 30 | 0,5 | 15 |
| Analyst | 30 | 0,5 | 15 |
| Developer | 20 | 13,95 | 279 |
| Tester | 20 | 6,6 | 132 |
| Totals: |  | 22,55 | 441 |

The project requires the use of a laptop or a personal computer, valued at 1150€, which is amortized over three years (36 months, 4 weeks per month). Hence, the weekly amortization cost is the following:

Amortization cost per week = 1150/(36\*4) = 7,98€

Since the third delivery has had a length of 3 weeks, we compute the amortization cost of this time period and add it to the final amount.

Thus, the cost is of 464,94€.

# PROGRESS

## Progress Report:

This letter outlines my performance in individual tasks, evaluated against the performance indicators detailed in the Charter Report. It also details the corresponding actions I've taken.

Regarding the "Actual Grade vs Expected Grade" indicator, I aimed for the highest possible grade maintaining positive indicators. As a member of group C1.067, I attended all lectures and follow-up sessions, completed all assigned tasks within the original deadlines, and performed as stipulated in the Charter Report.

## Conflicts

No conflicts have occurred during this time period.

## Cost Comparison

After completing the delivery, I will compare the estimated costs with the actual costs incurred. This includes the number of hours spent per role, personnel costs, amortization and the total cost difference.

|  |  |  |  |
| --- | --- | --- | --- |
| Role | Hourly Rate (€) | Real time(hrs) | Real cost (€) |
| Project Manager | 30 | 1 | 30 |
| Analyst | 30 | 1 | 30 |
| Developer | 20 | 12,7 | 254 |
| Tester | 20 | 4,75 | 95 |
| Totals: |  | 19,45 | 409 |

The project requires the use of a laptop or a personal computer, valued at 1150 €, which is amortized over three years (36 months, 4 weeks per month). Hence, the weekly amortization cost is the following:

Amortization cost per week = 1150/(36\*4) = 7,98€

Since the third delivery has had a length of 3 weeks, we compute the amortization cost of this time period and add it to the final amount.

Thus, the cost is of 432,94€.

Taking a quick comparison to both costs, we see that we have obtained a gain of 32€. This indicates a correct estimation effort.

# CONCLUSIONS

In this planning report, a detailed analysis of the project objectives, available resources, and potential risks has been presented. An action plan has been developed that includes the specific tasks to be performed, the deadlines for completing them, and the team members responsible for their execution.

In general, it can be said that the execution aligns with the estimated budget.

Regarding progress and according to the established norm, by maintaining a positive indicator and having no negative indicators, it can be concluded that I am showing positive performance.

# BIBLIOGRAPHY

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