Deliverable D01: Planning Report

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Group E8.02

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Github Repository: <https://github.com/JStockwell/Acme-One-E8.02>

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## Fecha: 21/03/2022

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# Executive Summary

We are a group of 6 java developers, one of us also being the project manager of the team. We all are studying 3rd year in a software engineering degree and we have experience in projects due to other subjects like AISS, DP1, PSG1, IISSI1 and IISSI2.

Our product is a web information system which uses java technology, an IDE like Eclipse and 2 programs to interact with databases like MariaDB and DBeaver.

Our procedure is using github to establish a common cloud and a control version using branches that will commit to the main code and kanban boards to organize the work. We also use Scrum methodology to organize ourselves as a team.

# Revision Table

| Revision | Description | Date |
| --- | --- | --- |
| v1.0 | Initial draft of the document | 26/02/2022 |
| v1.1 | Adjustments on the document | 1/03/2022 |
| v2.0 | Initial draft on sprint 2 | 14/03/2022 |
| v2.1 | Adjustments for sprint 2 | 21/03/2022 |
| v3.0 | Initial draft on sprint 3 | 7/04/2022 |
| v3.1 | Adjustments pre review | 18/04/2022 |
| v3.2 | Adjustments for sprint end | 25/04/2022 |
| v4.0 | Initial draft on sprint 3 | 01/05/2022 |
| v4.1 | Adjustments pre review | 11/05/2022 |
| v4.2 | Adjustments preliminary end sprint | 22/05/2022 |
| v4.3 | Adjustments end sprint | 23/05/2022 |
| v5.0 | Preparation of the initial version of s5 | 25/05/2022 |
| v5.1 | Preparation of the final version | 01/06/2022 |

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# Introduction

This document is an in depth showcase of our plans regarding time and costs of the sprints had up to this date, they are organized by deliverable and if it was required we could change the form of the document at any moment

# Contents

Deliverable 1

| Task | Role | Time | Cost |
| --- | --- | --- | --- |
| Creation and setup of the git repo | Manager | 30 min | 12,5€ |
| Setup of the framework | Developer | 90 min | 135€ (22,5€\*6 devs) |
| Task 001-007 | Developer | 10 min | 15€ (2,5€\*6 devs) |
| Task 008 | Developer | 10 min | 15€ (2,5€\*6 devs) |
| Documentation | Analyst | 180 min | 450€ (75€\*6 devs) |

The cost of the equipment used on this sprint was around 5700€ for a total amount of 5,2€ of amortization per day on 18 days for a total of 93.6€ on the time of the sprint, which would mean a net profit of 533.9€

Additional notes on sprint 1

This sprint was a short stride compared to what the team will come face to face in the future, while the documentation was cumbersome and took us more than we initially expected and the setup of the framework was quite lengthy, we have high hopes for the next deliverables to run smoothly.

Deliverable 2

| Task | Role | Time | Cost |
| --- | --- | --- | --- |
| IR 01: Detail the user roles | Developer | 60 min | 15 € |
| IR 02: Creation of the entity Chirp | Developer | 120 min | 30 € |
| IR 03: Creation of the entity Announcement | Developer | 90 min | 22,5 € |
| IR 04: Creation of the entity Component | Developer | 120 min | 30 € |
| IR 05: Creation of the entity Tool | Developer | 60 min | 15 € |
| IR 06: Creation of the entity Toolkit | Developer | 120 min | 30 € |
| IR 07: Creation of the entity Patronage | Developer | 90 min | 22,5 € |
| IR 08: Creation of the entity Patronage report | Developer | 90 min | 22,5 € |
| IR 09: Creation of the patron dashboards | Developer | 30 min | 7,5 € |
| IR 10: Creation of the admin dashboards | Developer | 90 min | 22,5 € |
| IR 11: System configuration | Developer | 150 min | 37,5 € |
| IR 12: Planning report update | Manager | 30 min | 12,5 € |
| IR 13: Progress report update | Manager | 15 min | 6,25 € |
| IR 14: UML diagram | Analyst | 360 min | 150 € |
| IR 15: Populate the DB | Developer | - | - € |
| Other managerial tasks (reviews, pr acceptance etc) | Manager | 180 min | 75 € |
| TOTAL | Does not apply | 17 h dev  9,75 h manager and analyst | 499 € |

Going by last sprints estimates of a cost of 5,2€ per day and a duration of 20 days

2nd march - 21st march the cost of equipment amortization should be around 104€, giving us a final profit of 395 € during the sprint. Though we are unsure whether the documentation work would count towards managerial/analyst hourly rates or developer hourly rates, this would not significantly shift the cost of the sprint but would have a severe impact on the previous one.

Additional notes on sprint 2

After sprint two we can confidently say that the team is finally coming together, despite setbacks with the initial creation of entities and some questions that had to be resolved during the review classes, such as the course of action regarding complex constraints on the current deliverable. Looking forward we are confident in our ability to patch this with the most urgency and meet next sprint’s objectives without further setbacks.

Deliverable 3

| Task | Role | Time | Cost |
| --- | --- | --- | --- |
| FR 01: Principals User Accounts | Developer | 240 min | 60 € |
| FR 02: Principals Chirps | Developer | 180 min | 45 € |
| FR 03: Principals Components | Developer | 60 min | 15 € |
| FR 04: Principals Tools | Developer | 90 min | 22,5 € |
| FR 05: Principals Toolkits | Developer | 360 min | 90 € |
| FR 06: Principals Announcements | Developer | 60min | 15 € |
| FR 07: Principals System Configuration | Developer | 180 min | 45 € |
| FR 08: Inventors Components | Developer | 90 min | 22,5 € |
| FR 09: Inventors Tools | Developer | 60 min | 15 € |
| FR 10: Inventors Toolkits | Developer | - | - |
| FR 11: Inventors Patronages | Developer | 300 min | 75 € |
| FR 12: Inventors Patronages Reports | Developer | 180 min | 45 € |
| FR 13: Patrons Patronages | Developer | 120 min | 30 € |
| FR 14: Patrons Patronages Reports | Developer | 60 min | 15 € |
| FR 15: Patrons patron Dashboards | Developer | 360 min | 75 € |
| FR 16: Administrators Configuration | Developer | 300 min | 75 € |
| FR 17: Administrators Dashboards | Developer | 120 min | 30 € |
| MR 05: Planning report | Manager | 45 min | 18,75 € |
| MR 06: Progress report | Manager | 15 min | 6.25 € |
| MR 07: Lint report | Manager | - | - |
| MR 08: Test suite | Tester | - | - |
| NFR 01: Internationalized Data | Developer |  |  |
| Adjustments from previous reviews | Developer | 240 min | 60 € |
| TOTAL | Does not apply | 46h as developer and 1h as manager | 709 € |

This Sprint lasted from the 22nd of march to the 25th of April. Going by previous costs of 5.2€/day and a duration of 35 days the cost of this sprint was 182€ and the revenue was 709 € making a net profit of 527€ during the sprint

Additional notes on sprint 3

During this sprint we have had a major stalls due to a difficult poker with a lot of misjudgements as well as messing up in the project itself due to the lack of control over the framework, aside from that we have recovered parts that were missing from past sprints such as the project customization and fixing the favorite link story. All in all, a decent sprint

Deliverable 4

| Task | Role | Time | Cost |
| --- | --- | --- | --- |
| FR 18: Anonimous principals on user acc | Developer | 480 min | 120 € |
| FR 19: All principals on chirps | Developer | 60 min | 15 € |
| FR 20: Inventors on components | Developer | 120 min | 30 € |
| FR 21: Inventors on tools | Developer | 60 min | 15 € |
| FR 22: Inventors on toolkits | Developer | 180 min | 45 € |
| FR 23: Inventors on patronages | Developer | 180 min | 45 € |
| FR 24: Inventors on patronage reports | Developer | 360 min | 90 € |
| FR 25: Patrons on patronages | Developer | 600 min | 150 € |
| FR 26: Administrators on announcements | Developer | 120 min | 30 € |
| FR 27: Administrators on configuration | Developer | - | - |
| MR 10: Planning report | Manager | 45 min | 18,75 € |
| MR 11: Progress report | Manager | 15 min | 6,25 € |
| MR 12: Lint report | Manager | - | - |
| MR 13: Test suite | Developer | - | - |
| MR 14: Performance report | Analyst | - | - |
| NFR 02: Internationalized data 2 | Developer | 0 min | 0 € |
| NFR 03: Currency management | Developer | - | - |
| NFR 04: Spam management | Developer | 300 min | 75 € |
| NFR 05: Modularity on spam management | Developer | 30 min | 7,5 € |
| Fixes on the system configuration | Developer | 210 min | 52,5 € |
| TOTAL | Does not apply | 45 h as dev 1h as manager | 700 € |

This Sprint lasted from the 25th of April to the 23rd of May. Going by previous costs of 5.2€/day and a duration of 28 days the cost of this sprint was 145,6€ and the revenue was 700 € making a net profit of 554,4€ during the sprint

Additional notes on sprint 4

On sprint 4 we still have a stall on the toolkit part of the application and communication hasn't been the best. Aside from that and more than a few difficulties approaching some tasks such as the 25, 24 or 18 we are doing decently well and expect to within the next 2 weeks of sprint 5 finish most if not all the leftover tasks

# Deliverable 5

| Task | Role | Time | Cost |
| --- | --- | --- | --- |
| MR 15: Planning report | Manager | 30 min | 12,5 € |
| MR 16: Progress report | Manager | 5 min | 2,08 € |
| MR 17: Wis architecture report | Manager | 120 min | 50 € |
| MR 18: Testing report | Developer | 120 min | 50 € |
| MR 19: Packing project as independent jar | Developer | - | - |
| Fixing planning reports | Manager | 60 min | 25 € |
| Previously skipped documentation | Analyst | 280 min | 100 € |
| Previously skipped tests | Developer | 600 min | 150 € |
| TOTAL | Does not apply | 12 h as dev 7,58h as manager or analyst | 700 € |

This Sprint lasted from the 24th of may to the 2nd of june. Going by previous costs of 5.2€/day and a duration of 10 days the cost of this sprint was 52€ and the revenue was 389.58€ making a net profit of 337.58€ during the sprint

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Additional notes on sprint 5

During sprints 3 and 4 we had been adjusting the times as we were working since we had very strong differences from the estimates to the actual final times of certain tasks as well as leaving some that we didn't complete and were going on for very long as - for later addition. On this last sprint we have adhered to our times as stated on the individual deliveries day to strictly what we initially thought, as well as cover for all of the previously omitted tasks.

All and all, tasks from this sprint have been fulfilled correctly, in a timely manner and we are very happy with the coordination during this entire last sprint as a group. We finally have grown accustomed to communicating our progress using scrum methodology and as a result boost our productivity.

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