**DP2 2020-2021**

Workplan Report D2

September Group #2

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# Summary

This document lists all the tasks planned to be performed by the development group for the control check.

# Workplan

## Task 001

|  |  |
| --- | --- |
| Task Id | Task 001 |
| Title | Create entity Burse |
| Description | * Mark, which must be unique and match pattern “^\w{2}\d{2}-mmddyy$” (where *yy*, *mm*, and *dd* refer to the year, the month, and the day when the shout is created) * Deadline, which is a moment that must be at least one week after the moment when the shout is created * Budget, which is a positive amount of money (only EUR, USD, or GBP are accepted); * Important, which indicates if the corresponding shout is important (shouts are not important by default). |

## Task 002

|  |  |
| --- | --- |
| Task Id | Task 002 |
| Title | Anonymous: List and Creation Burse |
| Description | * Every shout has an information sheet called Burse. The listings must show the shouts and their corresponding Burse. * The shout creation form must request the data of the shouts and their corresponding Burse; the creation form must not provide any default values for the attributes, but placeholders that make it clear their expected formats. |

## Task 003

|  |  |
| --- | --- |
| Task Id | Task 003 |
| Title | Administrator: Dashboard Burse |
| Description | The administrators must be able to display the following indicators at the top of their dashboards:   * the ratio of shouts whose Burse were flagged as important * the ratio of shouts whose Burse have budget zero * the average and the standard deviation of the budgets grouped by currency   All figures are expected to have exactly two-decimal precision |

## Task 004

|  |  |
| --- | --- |
| Task Id | Task 004 |
| Title | Update model.uxf |
| Description | Update the model with the new entity Burse |

## Task 005

|  |  |
| --- | --- |
| Task Id | Task 005 |
| Title | Generate performance analysis |
| Description | include a performance analysis regarding the new requirements: it must include a confidence interval for the wall time taken by the requests involved in the new requirements and a hypothesis contrast that compares the results to the performance data in the appendix |