Relatório de mudanças do projeto

1) **Número de Classes:**

No projeto original tínhamos 47 classes após o refatoramento dos code smells acrescentamos mais 2 classes ficando então com um total de 49 classes

2) **Número de linhas do projeto:**

No projeto original antes das alterações tínhamos 3638 linhas nas classes que alteramos passando para 2.896 linhas de projeto

3) **Métricas do projeto:**

ORIGINAL

Code proportions			
i Average component dependency	54.9	47	47 classes
i Class size	2.8	4	47 classes
i Cyclomatic complexity	10.1	55	301 methods
i Lack of cohesion of classes	1.6	4	14 packages
i Method length	90.9	99	301 methods
i Mudholes	26.2	79	301 methods
i Number of non-static, non-final public fie	0.0	0	47 classes
i Package size (per project)	0.0	0	14 packages/...
i Packages with cyclic dependencies	57.1	8	14 packages
i Unreferenced classes	2.1	1	47 classes

REFATORADO

Code proportions			
i Average component dependency	53.5	49	49 classes
i Class size	2.7	4	49 classes
i Cyclomatic complexity	2.4	15	324 methods
i Lack of cohesion of classes	1.7	5	14 packages
i Method length	68.0	100	324 methods
i Mudholes	17.3	56	324 methods
i Number of non-static, non-final public fields	0.0	0	49 classes
i Package size (per project)	0.0	0	14 packages/project
i Packages with cyclic dependencies	57.1	8	14 packages
i Unreferenced classes	2.0	1	49 classes

    a.   **Average componente dependency**

    b.   **Class Size**

    c.   **Cyclomatic complexity**

    d.   **Lack of cohesion of classes**

    e.   **Method length**

f. **Number of non-static, non-final public fields**

g. **Package size**

h. **Package with cyclic dependencies**

i. **Unreferenced classes**