

Universidad de Sevilla

Escuela Técnica Superior de Ingeniería Informática


DP2-Plantilla de reporte



Grado en Ingeniería Informática – Ingeniería del Software

Diseño y Pruebas II

Curso 2023 – 2024

<u>Group:</u>	C1.016
<u>Repository:</u>	https://github.com/luchersol/DP2-Acme-SF
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1. Versiones

Versión	Fecha	Autor
1.0	14/02/2024	Lucas Manuel Herencia Solís
1.1	19/02/2024	Lucas Manuel Herencia Solís

2. Listado de tareas

Tarea 2: A project aggregates several user stories elicited by the same manager. The system must store the following data about them: a code (pattern “[A-Z]{3}-[0-9]{4}”, not blank, unique), a title (not blank, shorter than 76 characters), an abstract (not blank, shorter than 101 characters), an indication on whether it has fatal errors, e.g., panics, a cost (positive or nought), and an optional link with further information. Projects containing fatal errors must be rejected by the system.

Rol: desarrollador

Tarea 3: A user story is a document that a manager uses to represent the smallest unit of work in a project. The system must store the following data about them: a title (not blank, shorter than 76 characters), a description (not blank, shorter than 101 characters), an estimated cost (in hours, positive, not nought), the acceptance criteria (not blank, shorter than 101 characters), a priority (“Must”, “Should”, “Could”, or “Won’t”), and an optional link with further information.

Rol: desarrollador

Tarea 4: The system must handle manager dashboards with the following data: total number of “must”, “should”, “could”, and “won’t” user stories; average, deviation, minimum, and maximum estimated cost of the user stories; average, deviation, minimum, and maximum cost of the projects

Rol: desarrollador

Tarea 5: Produce assorted sample data to test your application informally. The data must include two manager accounts with credentials “manager1/manager1” and “manager2/manager2”.

Rol: desarrollador

Tarea 14: Produce a UML domain model.

Rol: desarrollador

Tarea 15: Produce an analysis report

Rol: project manager

Para esta tarea necesitaré informarme sobre cómo realizar un reporte de análisis

Tarea 16: Produce a planning and progress report.

Rol: project manager

Para esta tarea necesitaré informarme sobre cómo realizar un reporte de planificación y progreso

3. Screenshots

Tarea 2:

@Entity

@Getter

@Setter

```
public class Project extends AbstractEntity {
```

```
    // Serialisation identifier -----
```

```
    private static final long serialVersionUID = 1L;
```

```
    // Attributes -----
```

```
    @NotBlank
```

```
    @Column(unique = true)
```

```
    @Pattern(regexp = "[A-Z]{3}-[0-9]{4}")
```

```
    private String code;
```

```
    @NotBlank
```

```
    @Length(max = 75)
```

```
    private String title;
```

```
    @NotBlank
```

```
    @Length(max = 100)
```

```
    private String abstractProject;
```

```
    @NotNull
```

```
    private Boolean indication;
```

```
    @NotNull
```

```
    @Valid
```

```
    private Money cost;
```

```
    @URL
```

```
    private String link;
```

```
    @NotNull
```

```
    private Boolean draftMode;
```

```
    @NotNull
```

```
    @Valid
```

```
    @ManyToOne(optional = false)
```

```
    private Manager manager;
```

Tarea 3:

```

3 @Entity
3 @Getter
1 @Setter
2 public class UserStory extends AbstractEntity {
3
4     // Serialisation identifier -----
5
5     private static final long serialVersionUID = 1L;
7
3     // Attributes -----
3
3     @NotBlank
1     @Length(max = 75)
2     private String title;
3
4     @NotBlank
5     @Length(max = 100)
5     private String description;
7
3     @NotNull
3     @Positive
3     private Integer estimatedCost; //Representa horas
1
2     @NotBlank
3     @Length(max = 100)
4     private String acceptanceCriteria;
5
5     @URL
7     private String link;
3
3     @NotNull
3     private PriorityUserStory priority;
1
2     @NotNull
3     @Valid
4     @ManyToOne(optional = false)
5     private Manager manager;
5
7 }
2

```


Tarea 4:



























```

9 @Getter
0 @Setter
1 public class ManagerForm extends AbstractForm {
2
3     // Serialisation identifier -----
4
5     private static final long    serialVersionUID    = 1L;
6
7     // Attributes -----
8
9     Integer                totalNumberProjectMust;
0     Integer                totalNumberProjectShould;
1     Integer                totalNumberProjectCould;
2     Integer                totalNumberProjectWont;
3
4     Double                 averageEstimatedCostUserStories;
5     Double                 deviationEstimatedCostUserStories;
6     Double                 minimumEstimatedCostUserStories;
7     Double                 maximumEstimatedCostUserStories;
8
9     Money                  averageEstimatedCostProjects;
0     Money                  deviationEstimatedCostProjects;
1     Money                  minimumEstimatedCostProjects;
2     Money                  maximumEstimatedCostProjects;
3
4 }
5

```

Tarea 5:

 sample-data

-  administrator.csv
-  auditor.csv
-  audit-record.csv
-  banner.csv
-  claim.csv
-  client.csv
-  code-audit.csv
-  contract.csv
-  developer.csv
-  invoice.csv
-   manager.csv
-  notice.csv
-  objective.csv
-  progress-logs.csv
-   project.csv
-  project-user-story.csv
-  risk.csv
-  sponsor.csv
-  sponsorship.csv
-  training-module.csv
-  training-session.csv
-  user-account.csv
-   user-story.csv

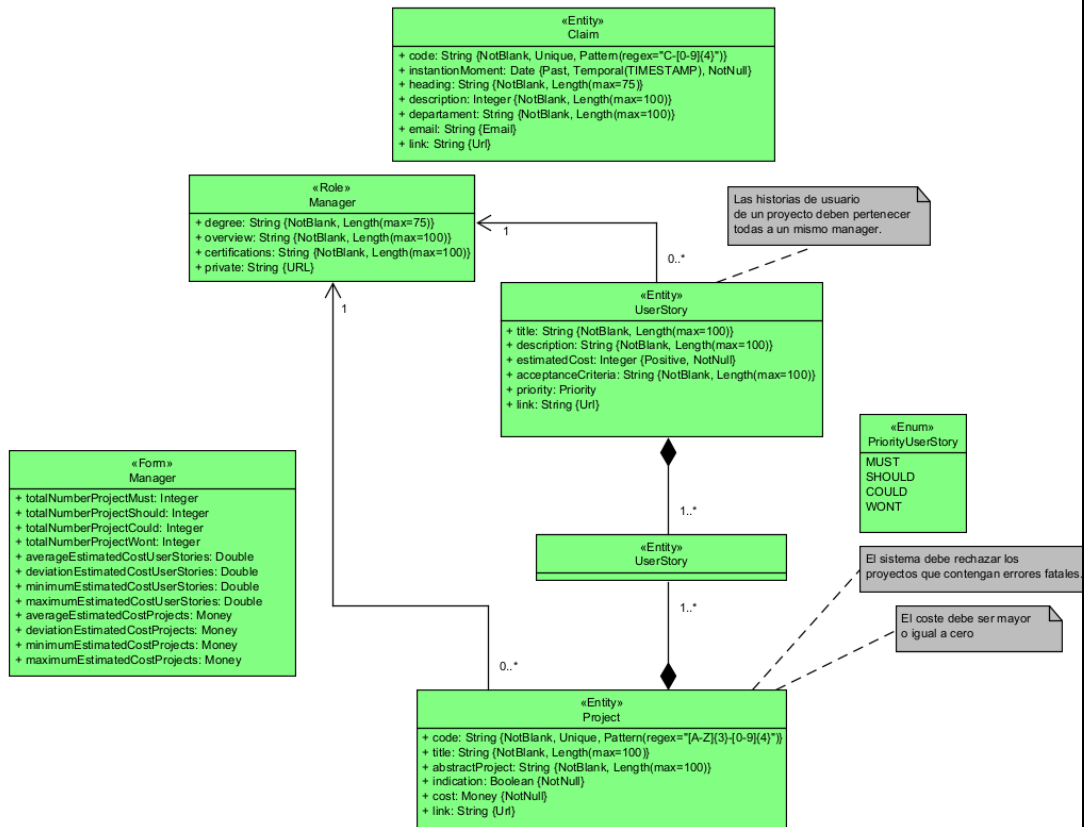
Tarea 13:


```

25 @Entity
26 @Getter
27 @Setter
28 public class Manager extends AbstractRole {
29
30     // Serialisation identifier -----
31
32     private static final long serialVersionUID = 1L;
33
34     // Attributes -----
35
36     @NotBlank
37     @Length(max = 75)
38     private String degree;
39
40     @NotBlank
41     @Length(max = 100)
42     private String overview;
43
44     @NotBlank
45     @Length(max = 100)
46     private String certifications;
47
48     @URL
49     private String link;
50
51     // Derived attributes -----
52
53     // Relationships -----
54
55 }

```

Tarea 14:



4. Presupuesto

Tarea	Rol	Tiempo estimado (en horas)	Tiempo dedicado (en horas)	Coste (€/h)	Coste estimado (€)	Coste real (€)
2	Desarrollador	0'3	0'16	20	6	3'2
3	Desarrollador	0'3	0'16	20	6	3'2
4	Desarrollador	0'5	0'16	20	10	3'2
5	Desarrollador	0'5	1'08	20	10	21'6
13	Desarrollador	0'3	0'16	20	6	3'2
14	Project Manager	0'5	0'5	30	15	15
15	Project Manager	1	0'75	30	30	22'5
16	Project Manager	1	0'75	30	30	22'5

Coste total real : 94'4€

Coste total estimado : 113€

5. Lista de registros

Para esta entrega no realicé ningún registro.

6. Conflictos surgidos

Debido a algunas dudas en diferentes entidades, tuve que hacer rectificaciones.

7. Comparación de costes estimados / reales

Al final se ha realizado un coste menor a lo esperado