

Planning and progress report



Diseño y pruebas II

Sprint 2

Versión 1.0

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1. Planning chapter

1. Lista de tareas

- a. Título: Entidad Project
- b. Descripción: Crear una entidad Project que debe de tener como atributo: un **code** (patrón "[A-Z]{3}-[0-9]{4}", not blank, unique), un **title**(not blank, shorter than 76 characters), **abstract** (not blank, shorter than 101 characters), una indicación sobre si tiene errores fatales, por ejemplo, pánicos, un **cost** (positivo o nulo) y un enlace opcional con más información.
- c. Personas asignadas: Miguel Hernández Sánchez
- d. Roles: developer
- e. Tiempo planificado: 30min
- f. Tiempo real: 1h



- a. Título: Entidad User Story
- b. Descripción: Crear una entidad User Story que debe de tener como atributo: **title** (not blank, shorter than 76 characters), **description** (not blank, shorter than 101 characters), **estimated cost** (in hours, positive, not nought), **acceptance criteria** (not blank, shorter than 101 characters), priority ("Must", "Should", "Could", "Won't") y un enlace opcional con más información.
- c. Personas asignadas: Miguel Hernández Sánchez
- d. Roles: developer
- e. Tiempo planificado: 40min
- f. Tiempo real: 33min



- a. Título: Manager Dashboard
- b. Descripción: Crear un Manager dashboard con la siguiente información: número total de historias de usuario "must", "should", "could" y "won't"; coste medio, desviación, mínimo y máximo estimado de las historias de usuario; coste medio, desviación, mínimo y máximo de los proyectos.
- c. Personas asignadas: Miguel Hernández Sánchez
- d. Roles: developer
- e. Tiempo planificado: 30min
- f. Tiempo real: 18min



- a. Título: Testing Requirements
- b. Descripción: Realizar datos de muestra variados para probar su aplicación de manera informal. Los datos deben incluir dos cuentas de gestor con credenciales "manager1/manager1" y "manager2/manager2".
- c. Personas asignadas: Miguel Hernández Sánchez

- d. Roles: developer
- e. Tiempo planificado: 1h
- f. Tiempo real: 1h y 30 min

Testing Requirements

• DP2 Sprint 2

10:56 - 12:30

01:34:00

- a. Título: UML
- b. Descripción: Realizar un modelo del dominio de las entidades creadas anteriormente.
- c. Personas asignadas: Miguel Hernández Sánchez
- d. Roles: analyst
- e. Tiempo planificado: 1h
- f. Tiempo real: 1h

UML

• DP2 Sprint 2

11:00 - 11:57

00:57:00

- a. Título: Manager Role
- b. Descripción: Crear un rol con los siguientes atributos: **degree** (not blank, shorter than 76 characters), an **overview** (not blank, shorter than 101 characters), list of **certifications** (not blank, shorter than 101 characters), and an **optional link** with further information.
- c. Personas asignadas: Miguel Hernández Sánchez
- d. Roles: developer
- e. Tiempo planificado: 1h
- f. Tiempo real: 1h

Manager Role

• DP2 Sprint 2

19:40 - 20:35

00:55:00

2. Evolución de las tareas

1. Entidad Project

○

Todo

3

Estimate: 0

...

This item hasn't been started

● Acme-SF-D02 #46

...

Entidad Project

●

In Progress

1

Estimate: 0

...

This is actively being worked on

● Acme-SF-D02 #46

Entidad Project

```
public class Project extends AbstractEntity {  
    // Serialisation identifier -----  
  
    private static final long    serialVersionUID    = 1L;  
  
    // Attributes -----  
  
    @NotBlank  
    @Pattern(regex = "[A-Z]{3}-[0-9]{4}")  
    @Column(unique = true)  
    private String                code;  
  
    @NotBlank  
    @Length(max = 75)  
    private String                title;  
  
    @NotBlank  
    @Length(max = 100)  
    private String                abstractText;  
  
    private boolean               hasFatalError;  
  
    @PositiveOrZero  
    private double               cost;  
  
    @URL  
    private String               link;  
  
    // Relations -----  
  
    @NotNull  
    @ManyToOne(optional = false)  
    private Manager              manager;  
}
```

○

Done

39

Estimate: 0

...

This has been completed

● Acme-SF-D02 #46

Entidad Project

2. Entidad UserStory

Todo 3 Estimate: 0 ...

This item hasn't been started

Acme-SF-D02 #47 ...

Entidad UserStory

In Progress 1 Estimate: 0 ...

This is actively being worked on

Acme-SF-D02 #47 ...

Entidad UserStory

```
@Entity
@Getter
@Setter
public class UserStory extends AbstractEntity {
    // Serialisation identifier -----

    private static final long serialVersionUID = 1L;

    // Attributes -----

    @NotBlank
    @Length(max = 75)
    private String title;

    @NotBlank
    @Length(max = 100)
    private String description;

    @PositiveOrZero
    private double estimatedCost;

    @Valid
    @NotNull
    private Priority priority;

    @NotBlank
    @Length(max = 100)
    private String acceptanceCriteria;

    @URL
    private String link;

    // Relations -----

    @ManyToOne(optional = false)
    @NotNull
    @Valid
    private Manager manager;
}
```

```
public enum Priority {
    MUST, SHOULD, COULD, WONT
}
```

Done 40 Estimate: 0 ...

This has been completed

Acme-SF-D02 #47 ...

Entidad UserStory

```
@Entity
@Getter
@Setter
public class UserStoryProject extends AbstractEntity {
    // Serialisation identifier -----

    private static final long serialVersionUID = 1L;

    // Relations -----

    @ManyToOne(optional = false)
    @NotNull
    @Valid
    private Project project;

    @ManyToOne(optional = false)
    @NotNull
    @Valid
    private UserStory userStory;
}
```

3. Manager Dashboard

●

Todo

3


Estimate: 0

...

This item hasn't been started

●

Acme-SF-D02 #48



Manager Dashboard

●

In Progress

1


Estimate: 0

...

This is actively being worked on

●

Acme-SF-D02 #48



Manager Dashboard

```
@Getter
@Setter
public class ManagerDashboard extends AbstractForm {

    // Serialisation identifier -----

    private static final long    serialVersionUID    = 1L;

    // Attributes -----

    int                totalNumberOfMust;
    int                totalNumberOfShould;
    int                totalNumberOfCould;
    int                totalNumberOfWont;
    Double              averageEstimatedCost;
    Double              deviationEstimatedCost;
    double              minimumEstimatedCost;
    double              maximumEstimatedCost;
    Double              averageCost;
    Double              deviationCost;
    double              minimumCost;
    double              maximumCost;

    // Derived attributes -----

    // Relationships -----

}
```

●

Done

41


Estimate: 0

...

This has been completed

●

Acme-SF-D02 #48



Manager Dashboard

4. Testing Requirements

●

Todo

3


Estimate: 0

...

This item hasn't been started

●

Acme-SF-D02 #49



Testing Requirements

●

In Progress

1


Estimate: 0

...

This is actively being worked on

●

Acme-SF-D02 #49



Testing Requirements

key	degree	overview	certifications	link	key:user-acco
manager-01	Degree exam	Overview exa	Certifications	https://option	user-account-
manager-02	Degree exam	Overview exa	Certifications	https://option	user-account-

key	title	description	estimatedCos	priority	acceptanceCr	link	key:manager
user-story-01	Title	Description	0.0	SHOULD	Acceptance C	https://option	manager-01
user-story-02	T	Description	50.0	SHOULD	Acceptance C	https://option	manager-01
user-story-03	AAA	Description	50.0	SHOULD	Acceptance C	https://option	manager-01
user-story-04	AAAAAAAAA	Description	50.0	SHOULD	Acceptance C	https://option	manager-01
user-story-05	AAAAAAAAA	Description	50.0	SHOULD	Acceptance C	https://option	manager-01
user-story-06	AAAAAAAAA	Description	50.0	SHOULD	Acceptance C	https://option	manager-01
user-story-07	Title	A	50.0	SHOULD	Acceptance C	https://option	manager-02
user-story-08	Title	AAA	50.0	SHOULD	Acceptance C	https://option	manager-02
user-story-09	Title	AAAAAAAAA	50.0	SHOULD	Acceptance C	https://option	manager-01
user-story-10	Title	AAAAAAAAA	50.0	SHOULD	Acceptance C	https://option	manager-01
user-story-11	Title	AAAAAAAAA	50.0	SHOULD	Acceptance C	https://option	manager-01
user-story-12	Title	Description	0.0	SHOULD	Acceptance C	https://option	manager-02
user-story-13	Title	Description	1.2	SHOULD	Acceptance C	https://option	manager-01
user-story-14	Title	Description	300.5	SHOULD	Acceptance C	https://option	manager-01
user-story-15	Title	Description	0.0	MUST	Acceptance C	https://option	manager-01
user-story-16	Title	Description	0.0	MUST	A	https://option	manager-02
user-story-17	Title	Description	0.0	MUST	AAA	https://option	manager-02
user-story-18	Title	Description	0.0	MUST	AAAAAAAAA	https://option	manager-01
user-story-19	Title	Description	0.0	MUST	AAAAAAAAA	https://option	manager-01
user-story-20	Title	Description	0.0	MUST	AAAAAAAAA	https://option	manager-01
user-story-21	Title	Description	0.0	MUST	Acceptance C	manager-02	
user-story-22	Title	Description	0.0	COULD	Acceptance C	https://option	manager-02
user-story-23	Title	Description	0.0	WONT	Acceptance C	https://option	manager-02

key	key:project	key:user-story
user-story-prc	project-01	user-story-01
user-story-prc	project-01	user-story-02
user-story-prc	project-01	user-story-03
user-story-prc	project-02	user-story-04
user-story-prc	project-02	user-story-05
user-story-prc	project-03	user-story-06
user-story-prc	project-03	user-story-07
user-story-prc	project-04	user-story-08
user-story-prc	project-04	user-story-09
user-story-prc	project-05	user-story-10
user-story-prc	project-05	user-story-11
user-story-prc	project-06	user-story-12
user-story-prc	project-06	user-story-13
user-story-prc	project-07	user-story-14
user-story-prc	project-07	user-story-15
user-story-prc	project-08	user-story-16
user-story-prc	project-08	user-story-17
user-story-prc	project-09	user-story-18
user-story-prc	project-09	user-story-19

```
user-account- true      UserIdentity{r manager01      manager01
user-account- true      UserIdentity{r manager02      manager02
```

key	code	title	abstractText	hasFatalError	cost	link	key:manager
project-01	AAA-1111	A	A	0	0		manager-01
project-02	BBB-2222	AAA	A	0	0		manager-01
project-03	CCC-3333	AAAAAAAAA	AAA	0	0		manager-01
project-04	DDD-4444	AAAAAAAAA	AAA	0	0		manager-01
project-05	EEE-5555	AAAAAAAAA	AAA	0	0		manager-01
project-06	FFF-6666	A	AAA	0	0		manager-01
project-07	GGG-7777	A	AAAAAAAAA	0	0		manager-01
project-08	HHH-8888	A	AAAAAAAAA	0	0		manager-01
project-09	III-9999	A	AAAAAAAAA	0	0		manager-02
project-10	JJJ-1222	A	A	1	0		manager-02
project-11	KKK-1333	A	A	0	1		manager-02
project-12	KKK-1444	A	A	0	400		manager-02
project-13	LLL-1555	A	A	0	400	http://option	manager-02
project-14	ABC-1234	A	A	0	4000	http://option	manager-02
project-15	EDF-5476	A	A	0	4000	http://option	manager-02
project-16	ZZZ-9999	A	A	0	4000	http://option	manager-02
project-17	EEE-9999	A	A	0	4000	http://option	manager-02
project-18	GGG-9999	A	A	0	4000	http://option	manager-02

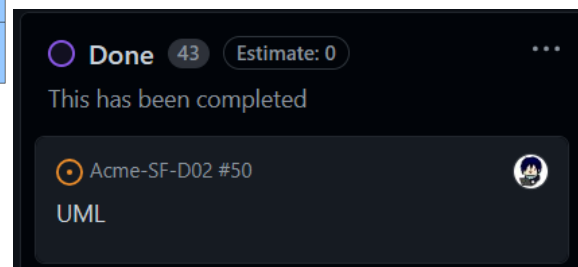
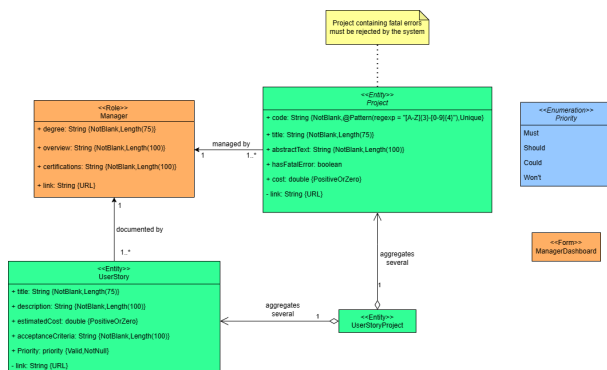
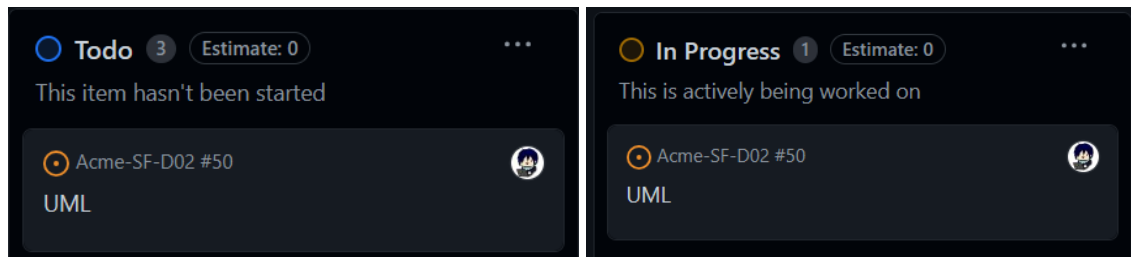
Done 42 Estimate: 0

This has been completed

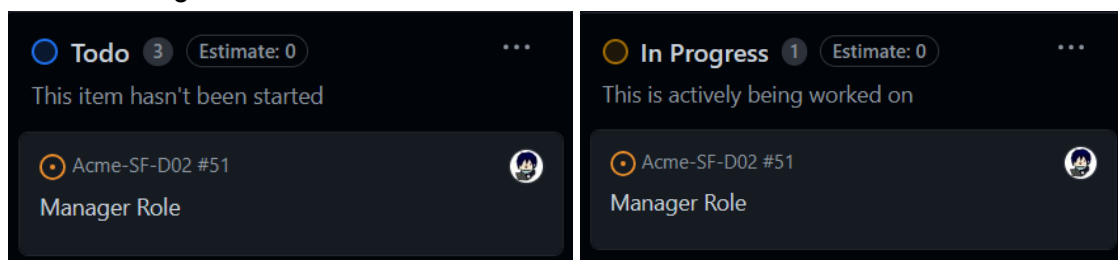
Acme-SF-D02 #49

Testing Requirements

5. UML



6. Manager



```

@Entity
@Getter
@Setter
public class Manager extends AbstractRole {
    // Serialisation identifier -----

    private static final long serialVersionUID = 1L;

    // Attributes -----

    @NotBlank
    @Length(max = 75)
    private String degree;

    @NotBlank
    @Length(max = 100)
    private String overview;

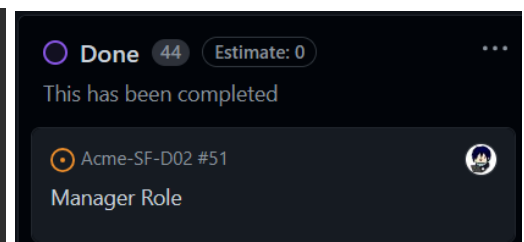
    @NotBlank
    @Length(max = 100)
    private String certifications;

    @URL
    private String link;

    // Derived attributes -----

    // Relationships -----
}

```



3. Presupuestos

Coste de un developer: 20€/hora

Tarea	Coste (€/hora)	Tiempo (hora)	Total (€)
Entidad Project	20	0.5	10
Entidad UserStory	20	0.67	13.4
Manager Dashboard	20	0.5	10
Testing Requirements	20	1	20
UML	20	1	20
Manager Role	20	1	20
			93.4

2. Progress Chapter

1. Progreso

Con alguna excepción, las tareas han sido entregadas en el plazo adecuado y sin muchas complicaciones.

2. Conflictos

Ha habido una mala planificación en las tareas Entidad Project y Testing Requirements ya que el tiempo real ha superado al estimado. En el follow up, nos percatamos de algunos fallos en las relaciones y atributos de las entidades implementadas y las solucionamos.

3. Costes

Tarea	Coste (€/hora)	Tiempo (hora)	Tiempo real (hora)	Total estimado (€)	Total real (€)
Entidad Project	20	0.5	1	10	20
Entidad UserStory	20	0.67	0.55	13.4	11
Manager Dashboard	20	0.5	0.3	10	6

Testing Requirement s	20	1	1.5	20	30
UML	20	1	1	20	20
Manager Role	20	1	1	20	20
				93.4	107