

**Università degli Studi di Modena e Reggio Emilia**

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FACOLTÀ DI INGEGNERIA  
Corso di Laurea in Ingegneria Informatica

PROVA FINALE

## **Design and Development of...**

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*All'unione di Shiva e Parvati che rende feconda la distruzione.*

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# **Chapter 1**

## **Introduction**

In the work we describe...

The rest of the paper is organised as follows. In chapter 2 we introduce...

In chapter 3 we describe... Finally, chapter 4 concludes the document.

# **Chapter 2**

## **Tools used for implementation**

...

### **2.1 The Spring Framework**

The Spring Framework [1] provides developers...

### **2.2 The Vaadin Framework**

The Vaadin Framework [2] is a open-source web framework aimed...

# Chapter 3

## Design and Implementation

In this chapter we discuss the tools used for implementation... Figure 3.1 shows..., while Figure 3.2 details...

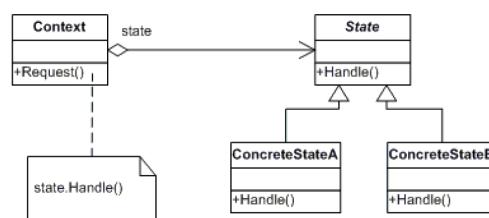


Figure 3.1: Diagram representing...

```
public class WorldManager {
    //states are organized in a stack
    private Stack<Super> worlds;

    public WorldManager() {
        //creating a new stack of states
        worlds = new Stack<Super>();
    }

    public void push(Super world) {
        //pushing a state into the stack
        worlds.push(world);
    }

    void set(Super world) {
        //popping and free memory of the previous state
        worlds.pop().dispose();
        worlds.push(world);
    }

    public void update(float delta) {
        //update current state
        worlds.peek().update(delta);
    }

    public void render(SpriteBatch sb) {
        //render current state
        worlds.peek().render(sb);
    }
}
```

Figure 3.2: Portion of code managing...

# **Chapter 4**

## **Conclusion**

In this work we discussed about...

# Bibliography

- [1] John Doe. *The Book without Title*. Dummy Publisher, 2100.
- [2] Mark Senn. *Using L<sup>A</sup>T<sub>E</sub>X for Your Thesis*, 2009 (accessed February 3, 2014).