SuperWoman
Software Architecture Document

Version 1.0

Revision History

Date	Version	Description	Author
23/11/2017	1.0	First version	SuperWoman

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Software Architecture Document

1. Introduction

1.1 Purpose

This document provides a comprehensive architectural overview of the system, using a number of different architectural views to depict different aspects of the system. It is intended to capture and convey the significant architectural decisions which have been made on the system.

1.2 Scope

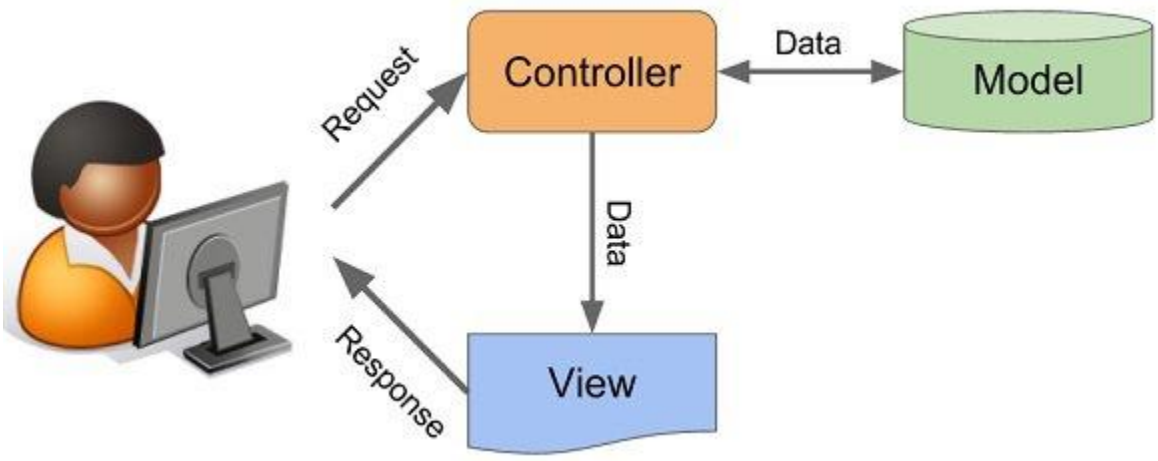
The scope of this *Software Architecture Document* is to show the architecture of our project and demonstrate our MVC structure. Affected are the class structure, the use cases and the data representation.

1.3 References

- GitHub: https://github.com/ItalisaS/SuperWoman
- UseCase-Diagram: https://github.com/ItalisaS/SuperWoman/blob/master/Docs/UseCaseDiagram.PNG

2. Architectural Representation

Our project uses the MVC-Pattern for its architecture design. Here you can see an MVC-Diagram which explains which aspects will be covered by the Model, View and Controller:



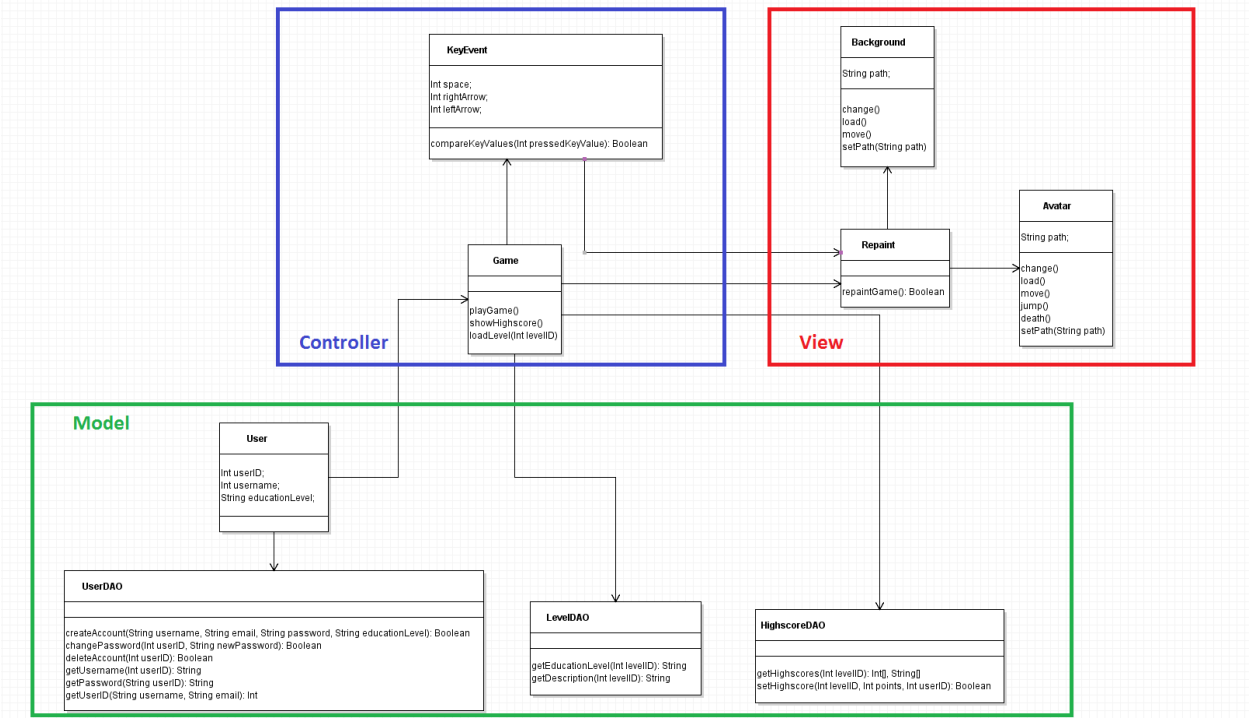
3. Architectural Goals and Constraints

We decided to use the MVC-Pattern in order to separate the business logic (controller) from the UI (view) and the data ware house (model). Consequently we can render possible the safety of the data because the view can't provoke a direct change of the data.

4. Use-Case View

n/a

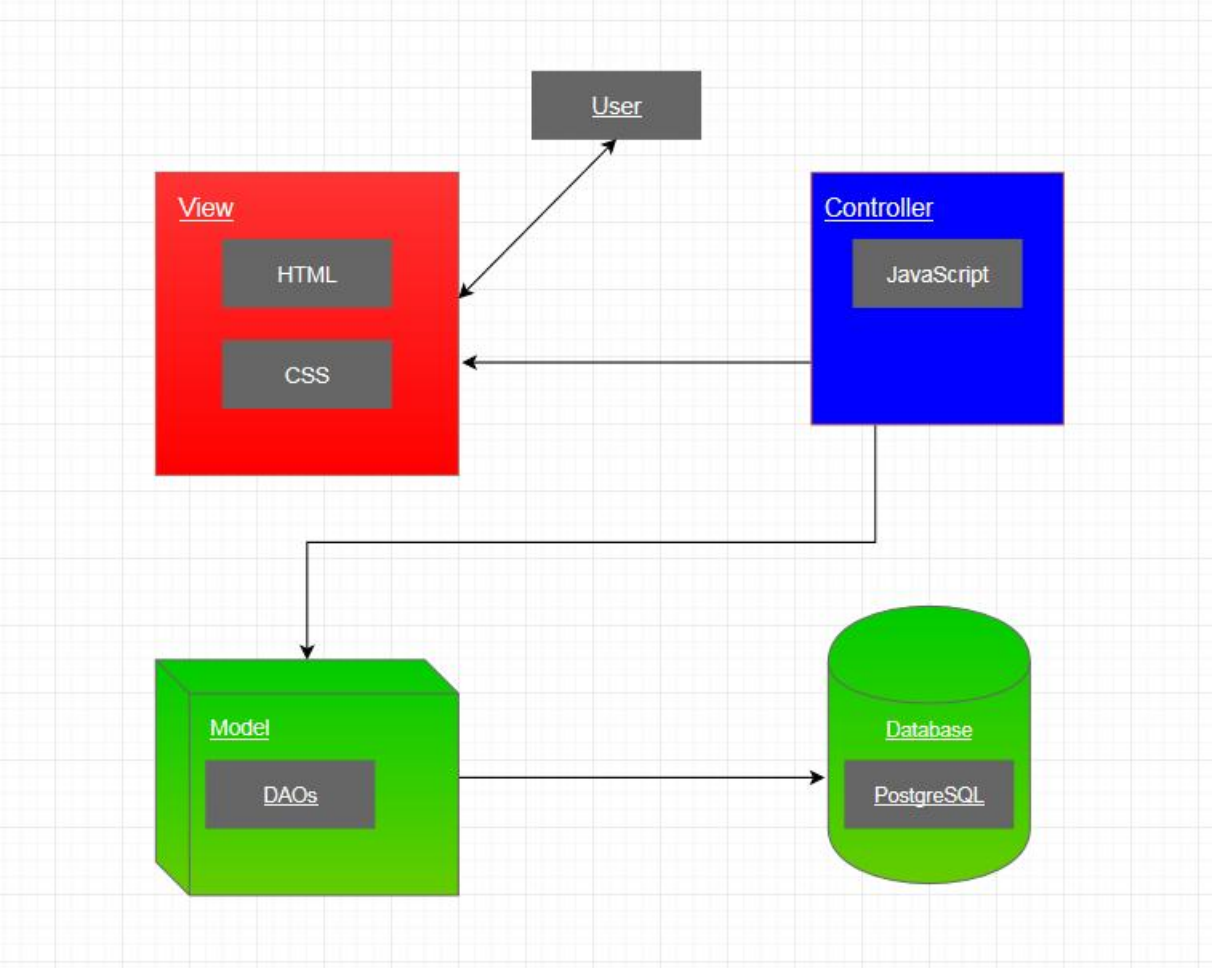
5. Logical View



6. Process View

n/a

7. Deployment View

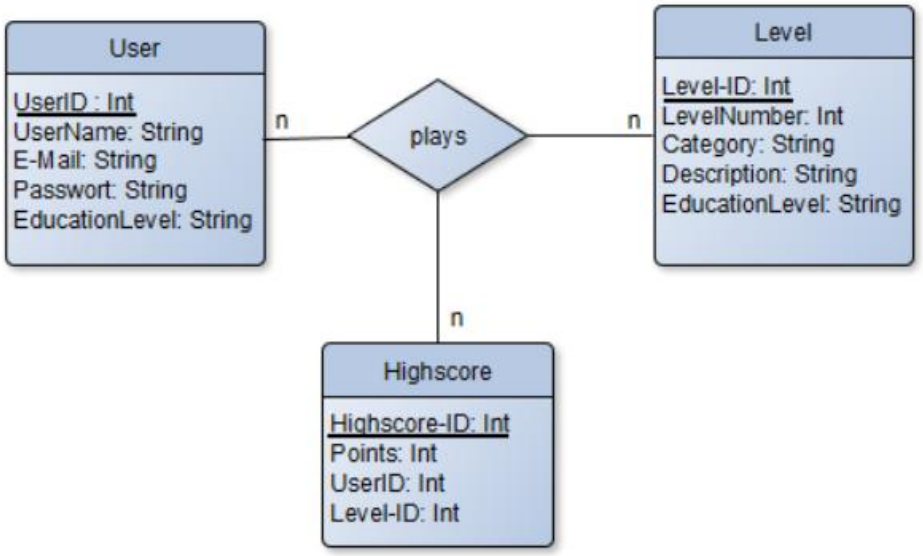


8. Implementation View

n/a

9. Data View (optional)

In the following diagram you can see all our entities with the corresponding attributes and functions of the date that we will save in our diagram:



10. Size and Performance

n/a

11. Quality

n/a