



POLITECNICO MILANO 1863

SOFTWARE ENGINEERING 2 PROJECT
ACADEMIC YEAR 2021 - 2022

DREAM

Design Document

Valeria DETOMAS Sofia MARTELLOZZO

Professor

Elisabetta DI NITTO

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1 Introduction

1.1 Purpose

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2 Architectural Design

2.1 High-level components and their interaction

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2.6 Architectural styles and patterns

2.7 Other design decisions

3 User Interface Design

3.1

4 Requirements Traceability

5 Implementation, Integration and Test Plan

6 Effort Spent

Student	Time for S.1	Time for S2	Time for S.3	Time for S.4	Time for S.5
Valeria Detomas	h	h	h	h	h
Sofia Martellozzo	h	h	h	h	h

7 Software and Tools used

- \LaTeX as document preparation system
- Lucidfor the state chart
- SequenceDiagram.org for the sequence diagrams
- Umletino for UML diagram
- Diagrams for the use case diagram
- Balsamig for the mockups
- **Alloy** as a model analyzer
- GitHub as verion control system.

8 References

- Specification document: R&DD Assignment A.Y. 2021-2022
- alloytool.org : Alloy Documentation