UNIVERSITEIT TWENTE.

Bachelor Thesis

[201000166]

Research Proposal

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Second supervisor

DATE

Contents

Preface

In this document the reader can find a proposal for designing a course on quantum mechanics in a qCraft learning environment. This is an assignment executed for a bachelor thesis. The document contains a table with general information, a short summary of the assignment, a detailed description of the assignment wth the rationale, the conceptual framework and the relevance, the design approach and a planning.

General Information

Researcher	Micha van den Enk (s1004654)
Study	Onderwijskunde
Study Department	Instructional Technology
Date	
First supervisor	Dr H. H. Leemkuil
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Keywords	Quantum mechanics, Middle school Education, Netherlands
Title	

Summary

Description

Rationale

Conceptual Framework

Relevance

Design approach

Analyses

(Smith & Ragan, 2005)

Planning

Analyses	24 April
Literature research	8 May
Design	15 May
Development	22 May
Evaluation	5 June
Conclusion/Discussion	12 June
Presentation	19 June

References

Smith, P. L., & Ragan, T. J. (2005). *Instructional design*. John Wiley & Sons, Inc.