

MSC THESIS

# AUTOMATIC ANALYSIS AND GRADING OF UTML UML DIAGRAMS

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# 1. INTRODUCTION

Current state of grading + autograding, University of Twente is looking into ways to save time and money in grading by automating (parts of) it.

## 2. PROBLEM STATEMENT

Grading takes long time etc. etc. Want a solution that automatically grades UML diagrams (specifically class/sequence/...?), with as main goals: *transparency, consistency, fairness*. See initial plan description.

### 2.1. Research Questions

## 3. RELATED WORK

see ./refs.bib

## 4. TOOLS AND TECHNIQUES

Adopt existing tool(s), make own tool, what frameworks/languages, ...

## 5. PLANNING

TODO: Graduation planning. Phases, goals per phase.