

**Software Analysis**

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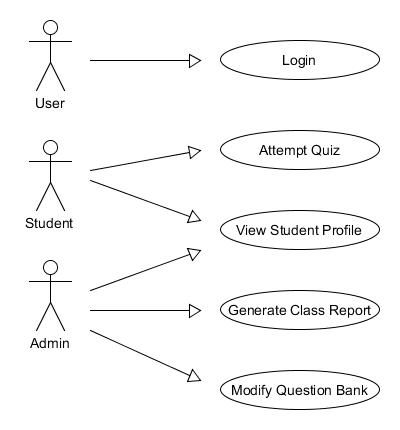
**Software Design & Quality**

# 1 Introduction

# 2 Problem statement

# 3 Use Case Analysis

## 3.1 Use Case model

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### 3.1.1 Description

# 4 Conceptual Model

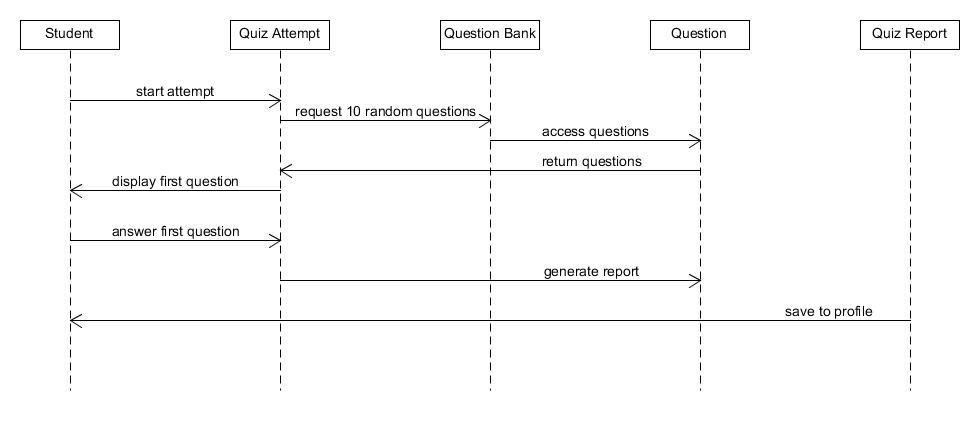
## 4.1 UML Class Conceptual Model

## 4.2 Modelling Assumptions

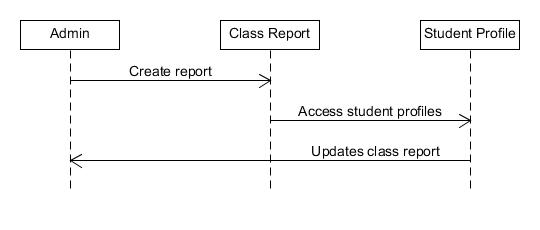
# 5 Behaviour Analysis

## Sequence diagram

* Student taking quiz

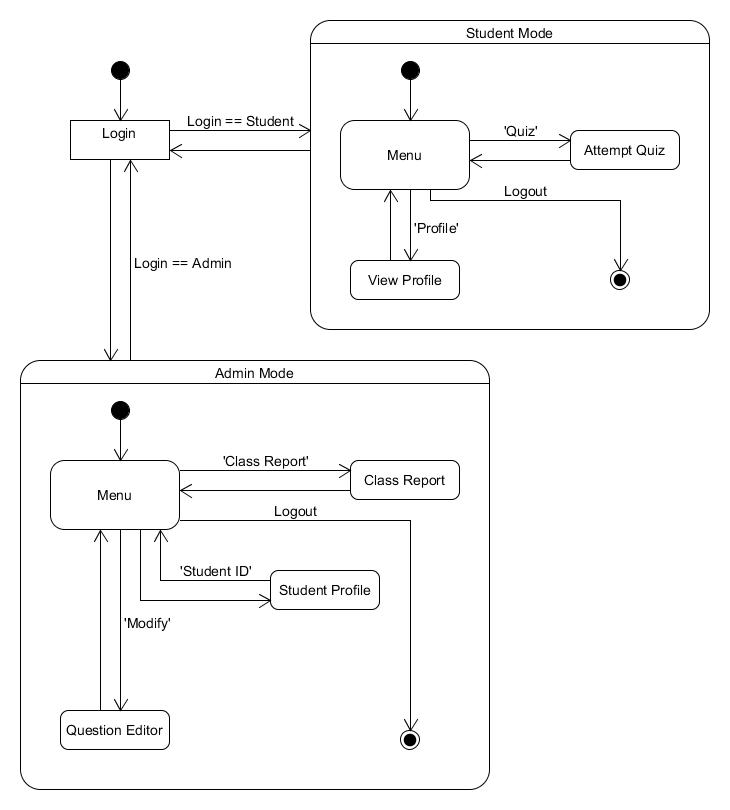


* Admin creating report



## Activity diagram

## State diagram



# 6 System Design Observations and Recommendations

# 7 Software Design

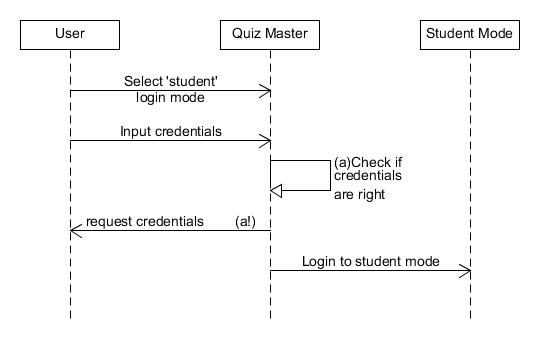
## Interaction Analysis

### Detailed Sequence Diagrams

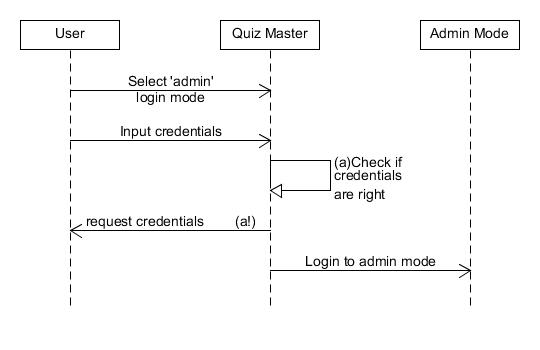
* Student taking quiz

### F:\YR3\Programming\PortableGit\3stooges\Peter\student taking quiz refined.jpg

* Student mode login



* Admin mode login



### Refined Class Diagram

### Implementation Recommendations and Notes