Object Oriented

Analysis and Design

Project Report

Deirdre Connolly

Bartosz Walusiak

CS2

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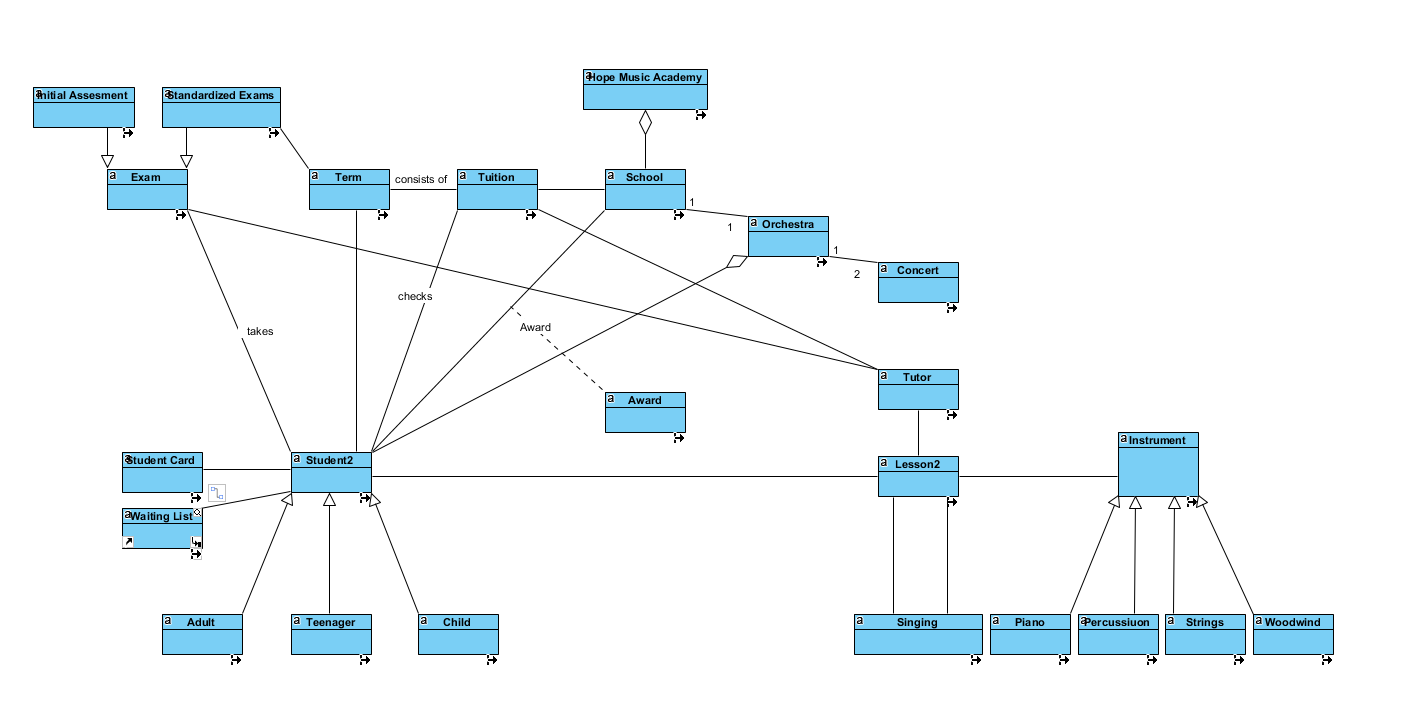
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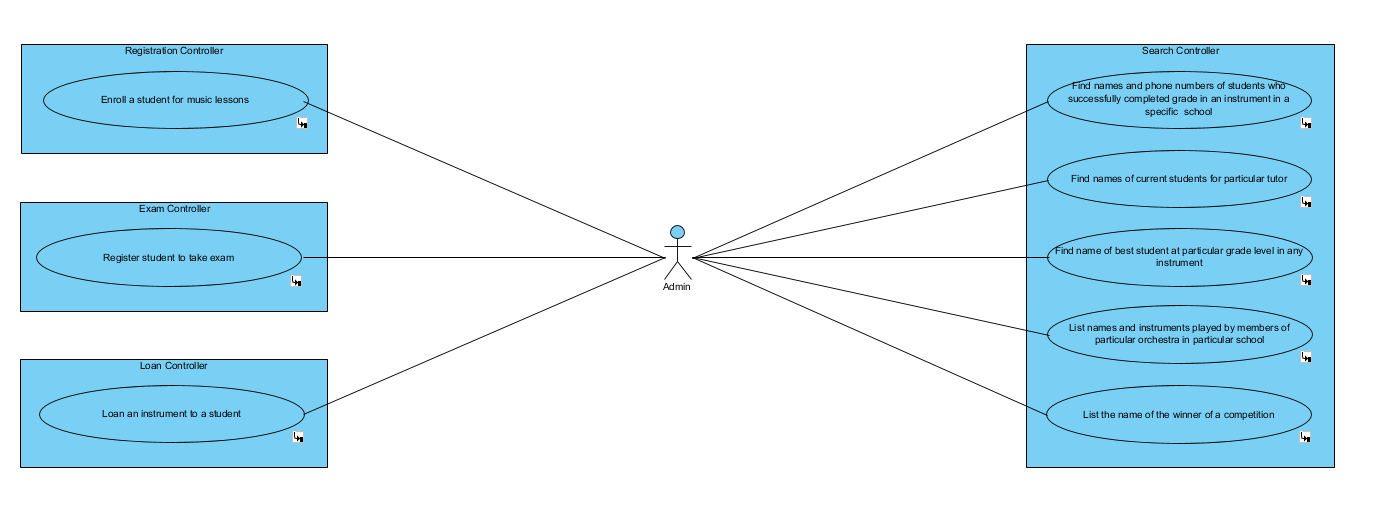
# Assumptions Made

While completing the design, we made the assumption that only the Office Administration staff can access this system. This means, for example, that a person who would like to enroll as a student of Hope Music Academy must register through the Office as they cannot do so themselves via an online system.

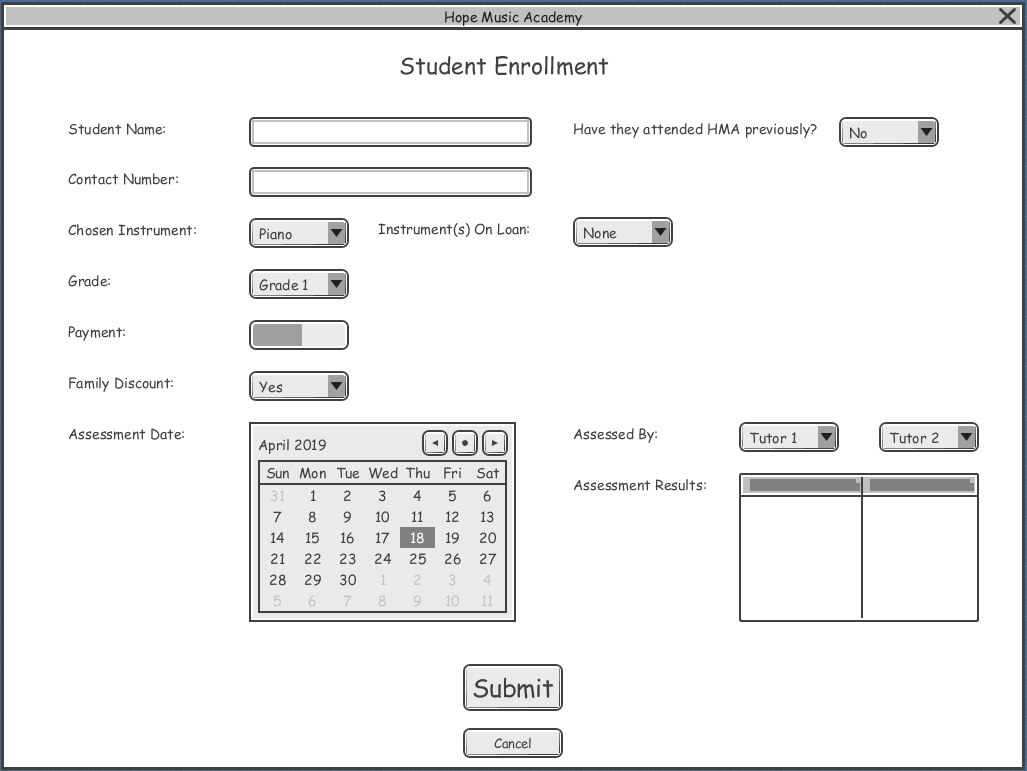
# Domain Model

Bart

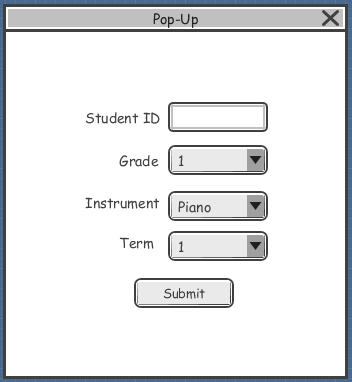
# Use Case Diagram

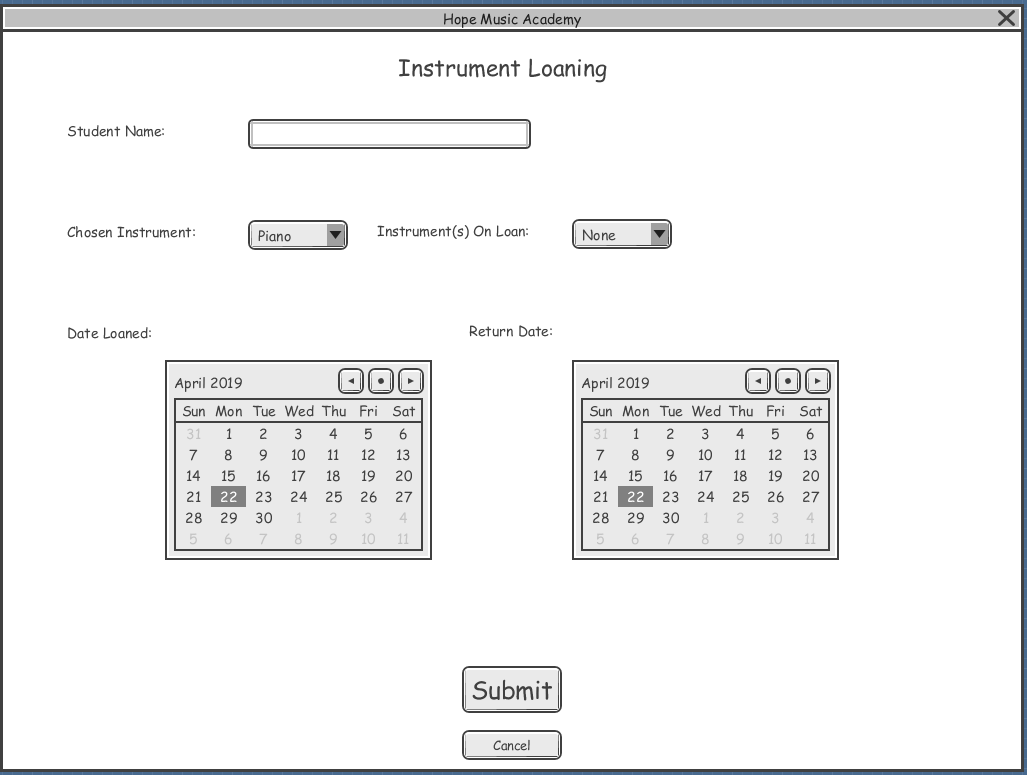
Deirdre

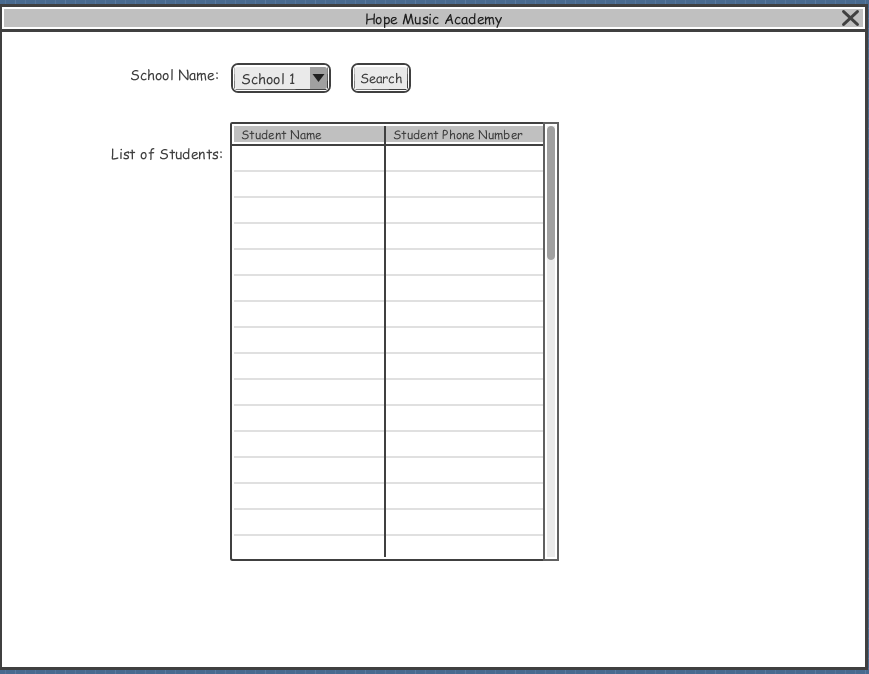
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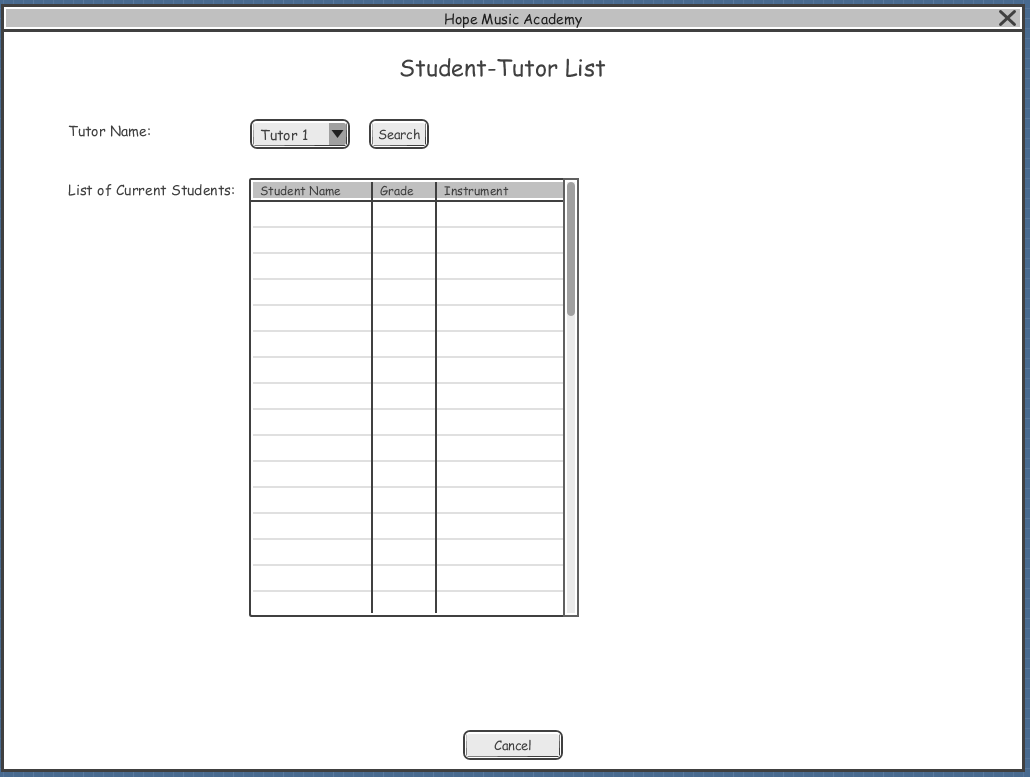
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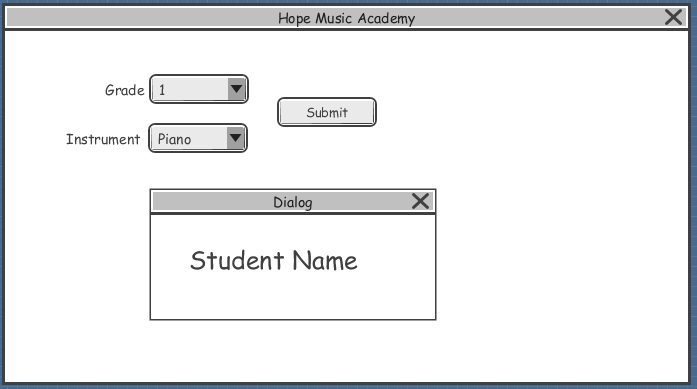
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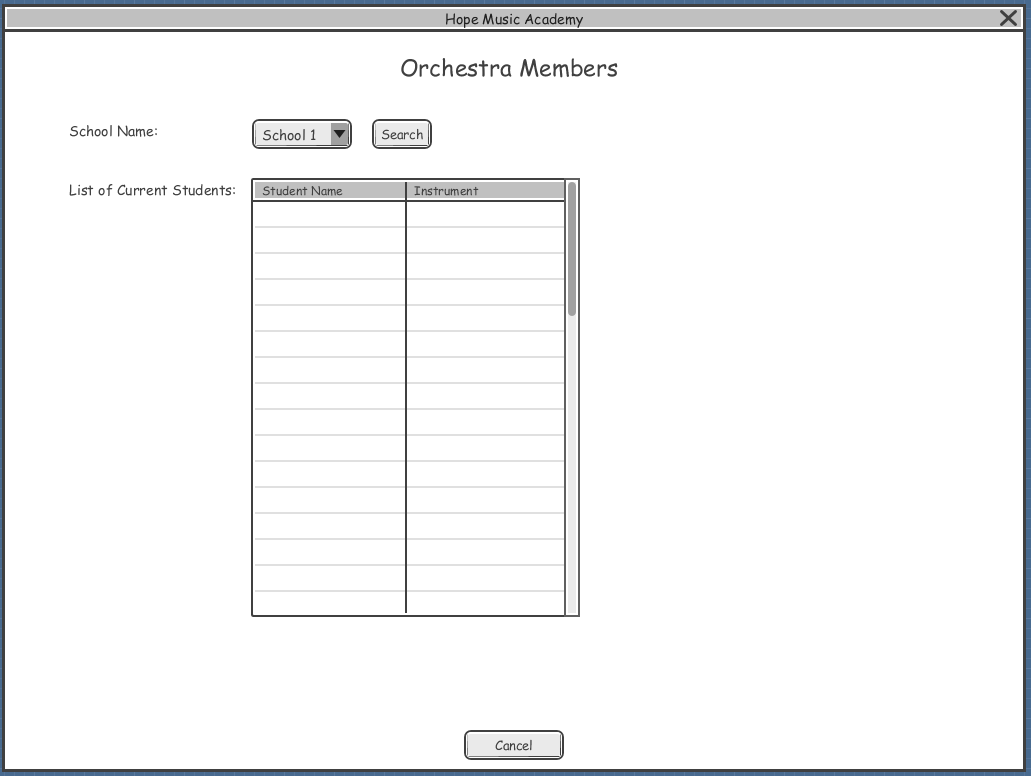


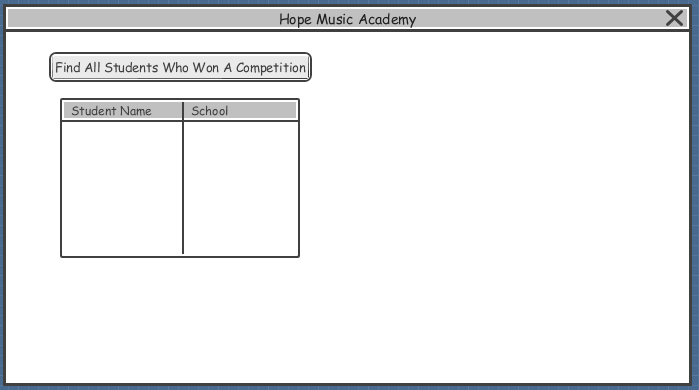
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(iv) Bart

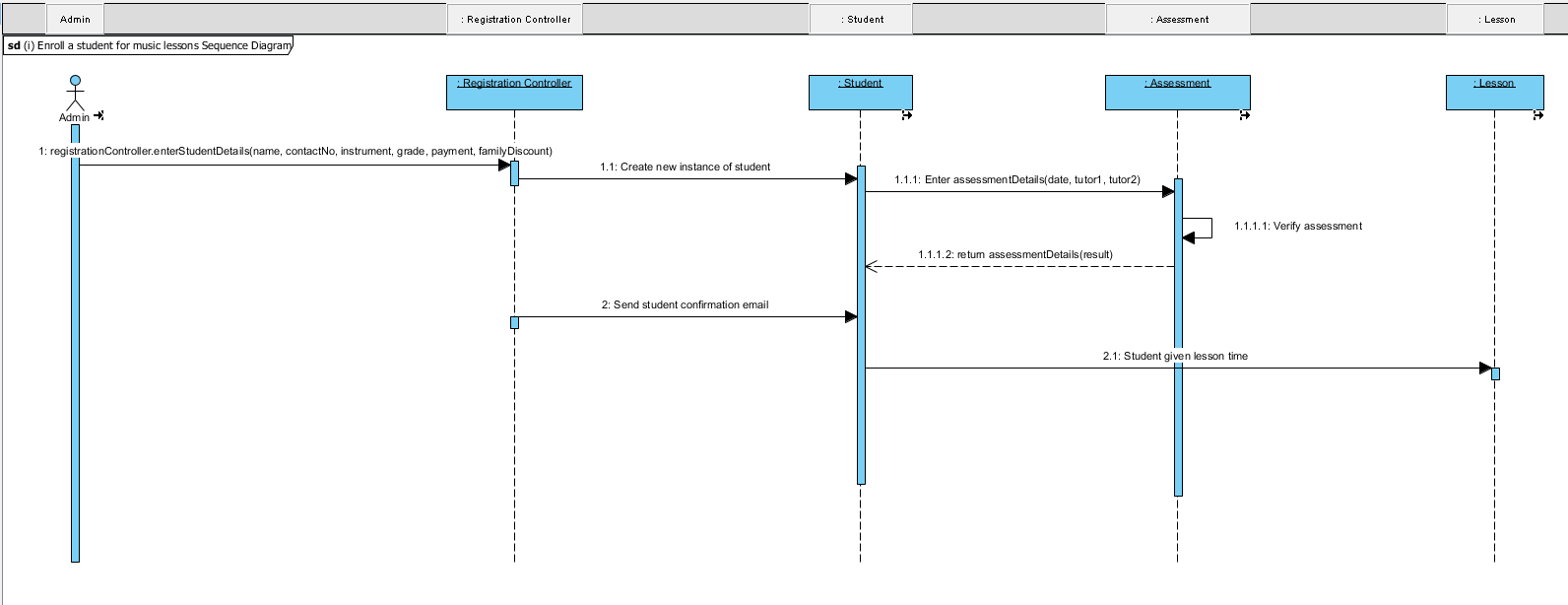
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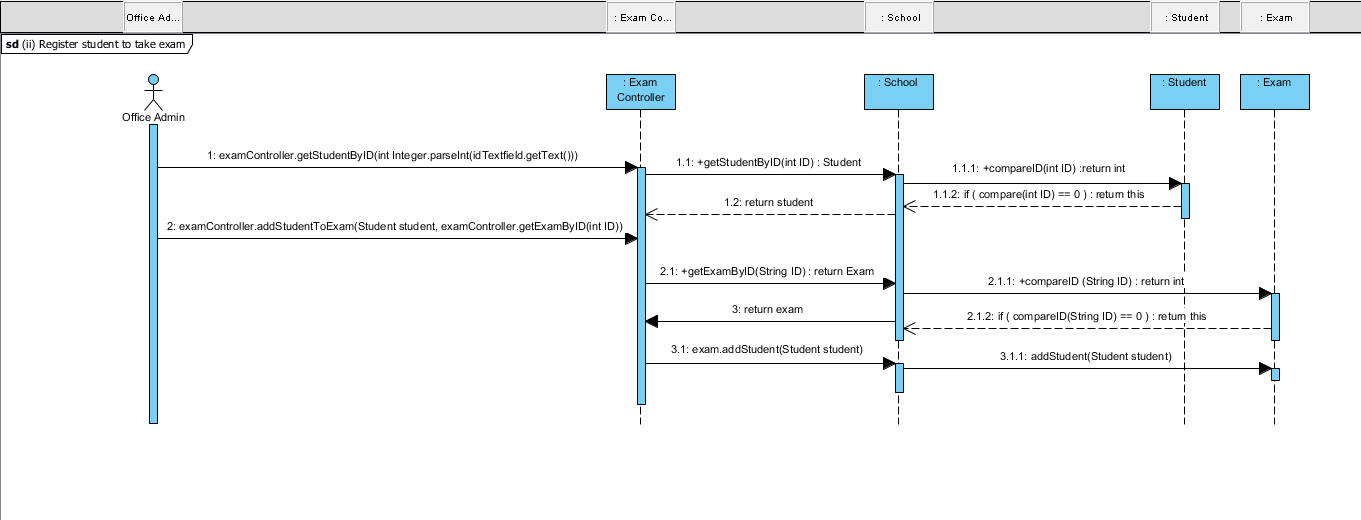
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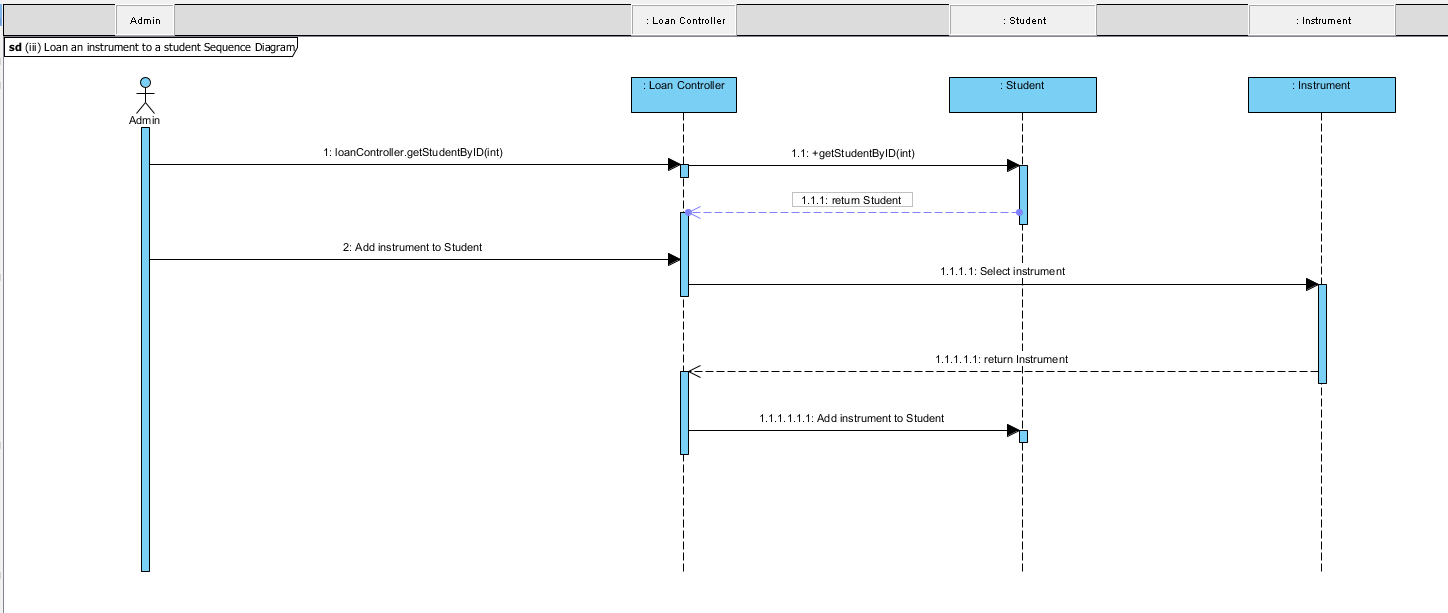
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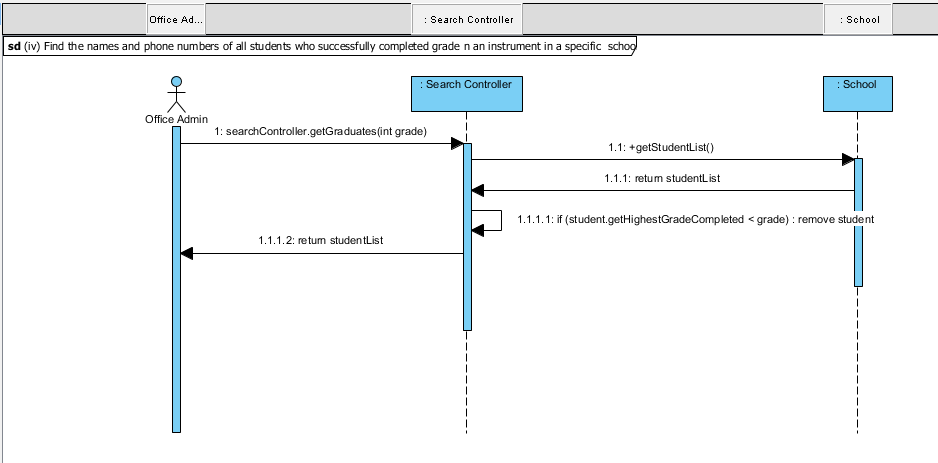
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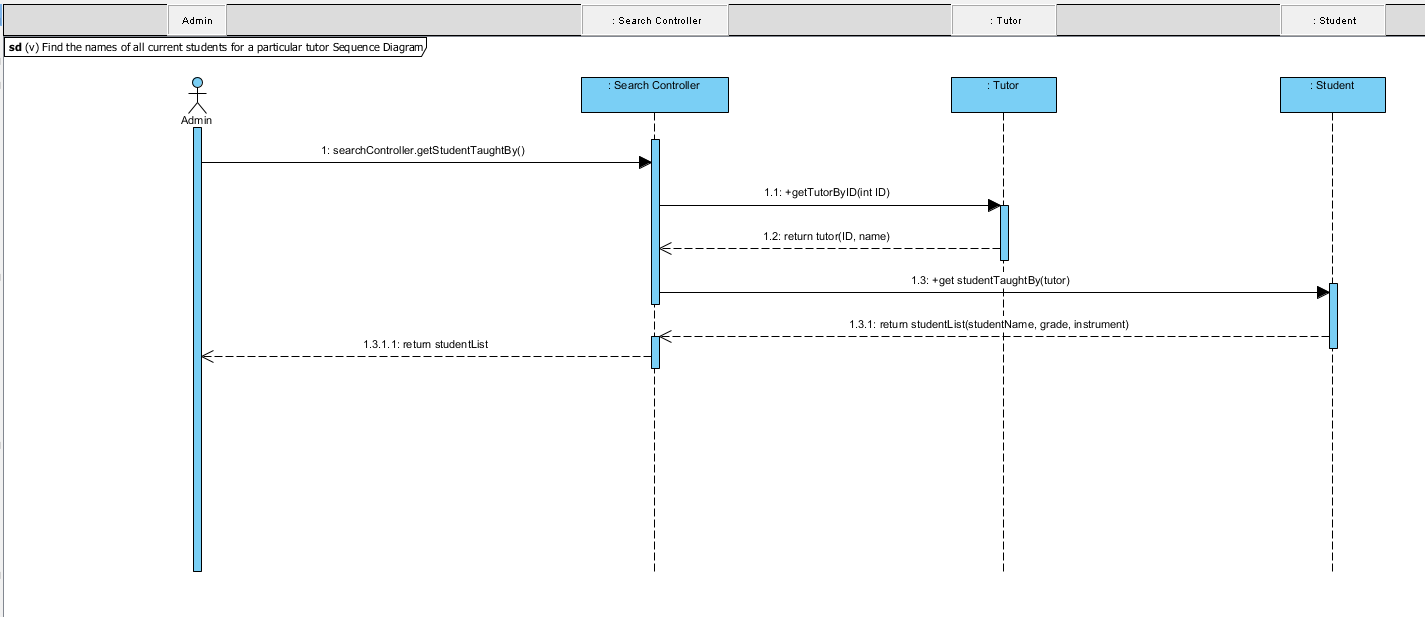
# Sequence Diagrams

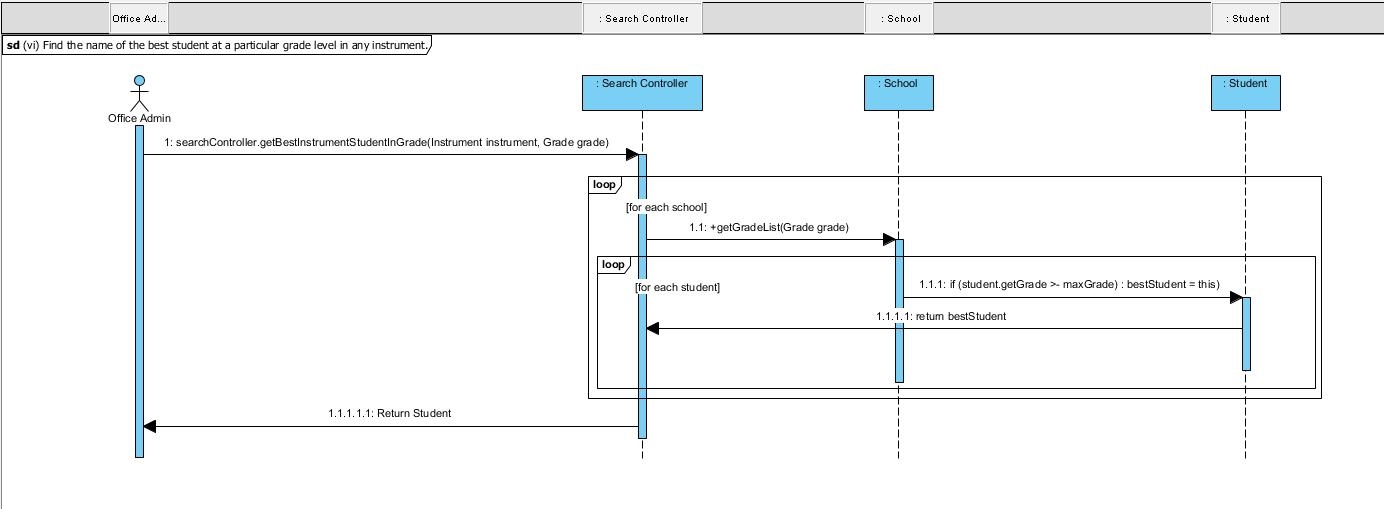
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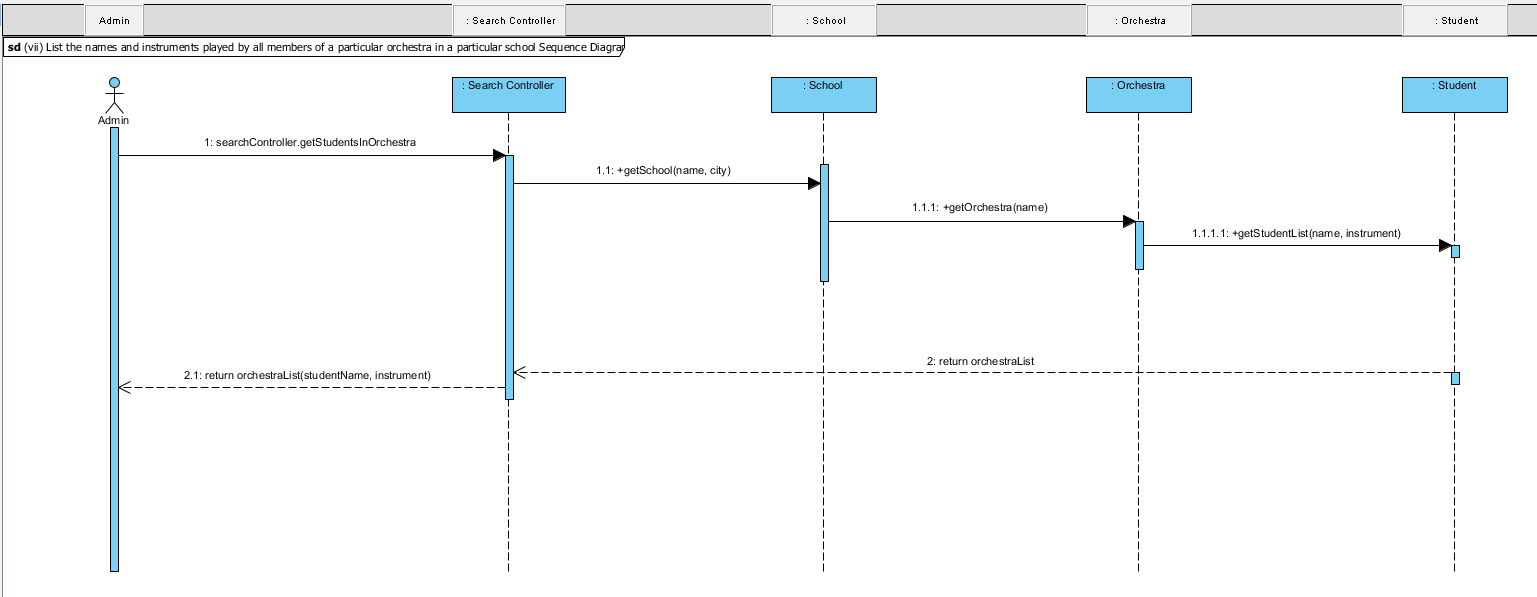
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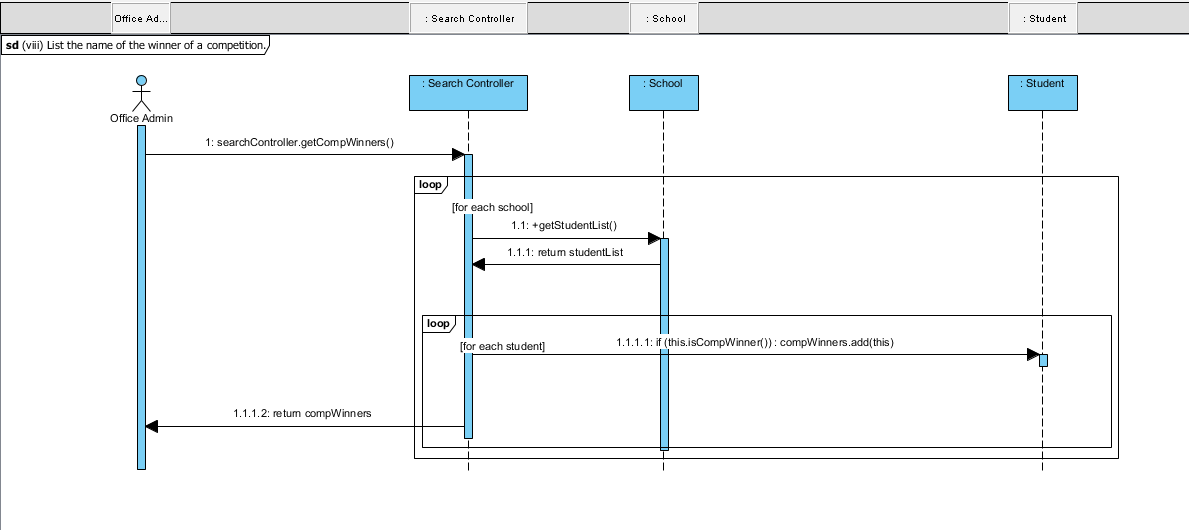
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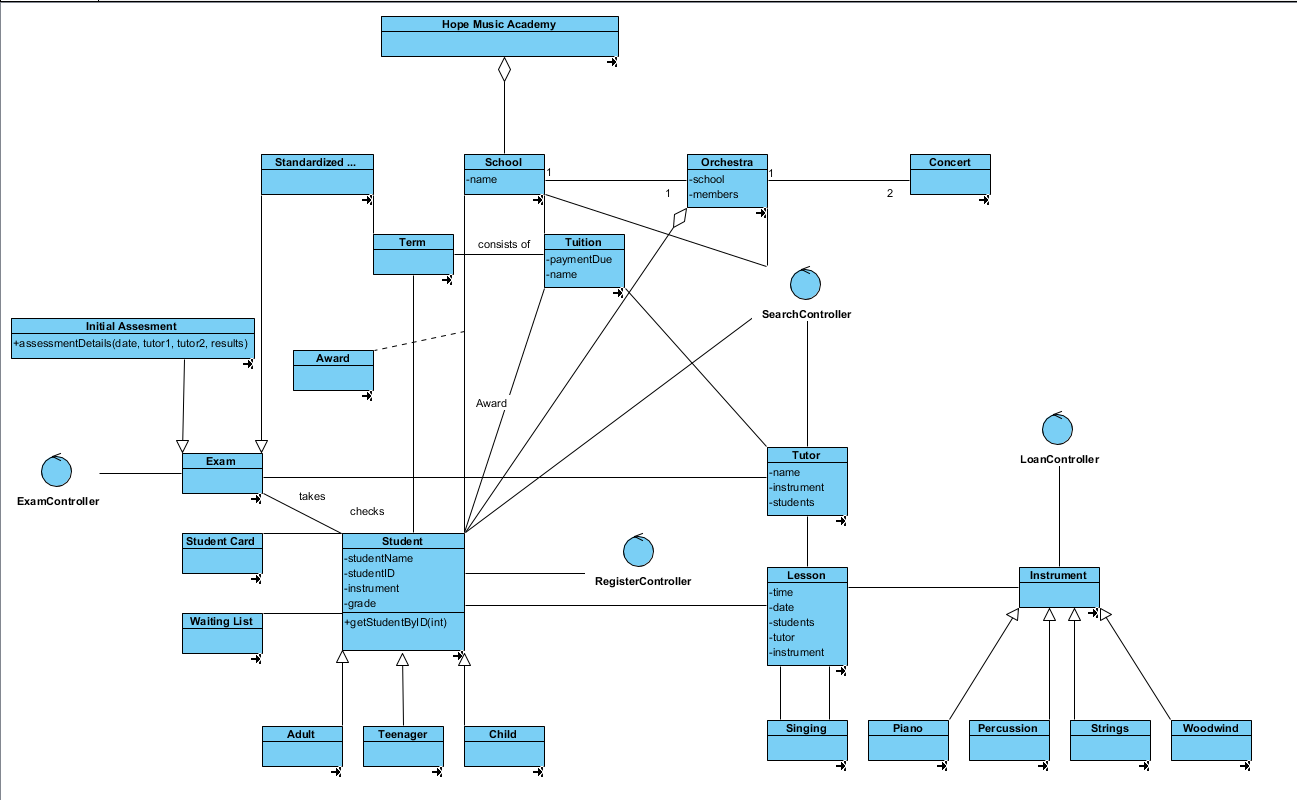
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(vi) Bart

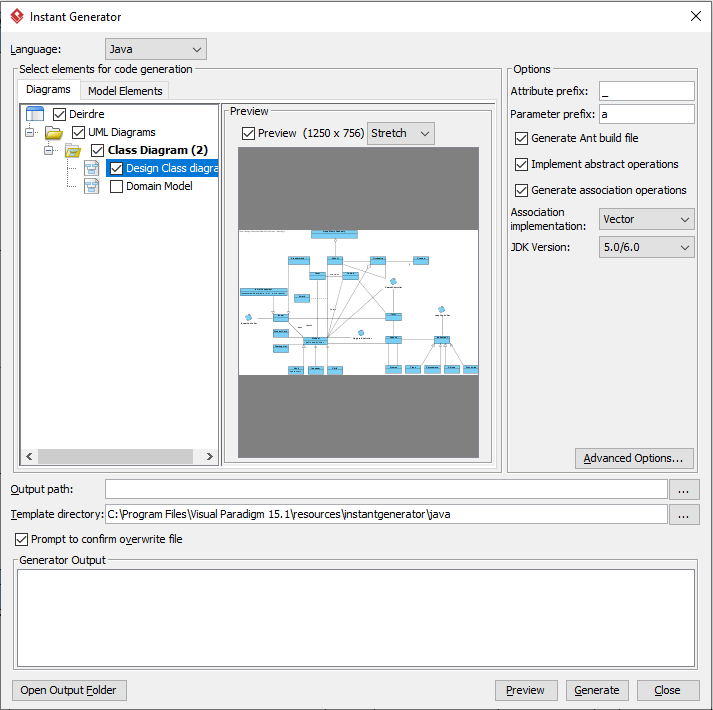
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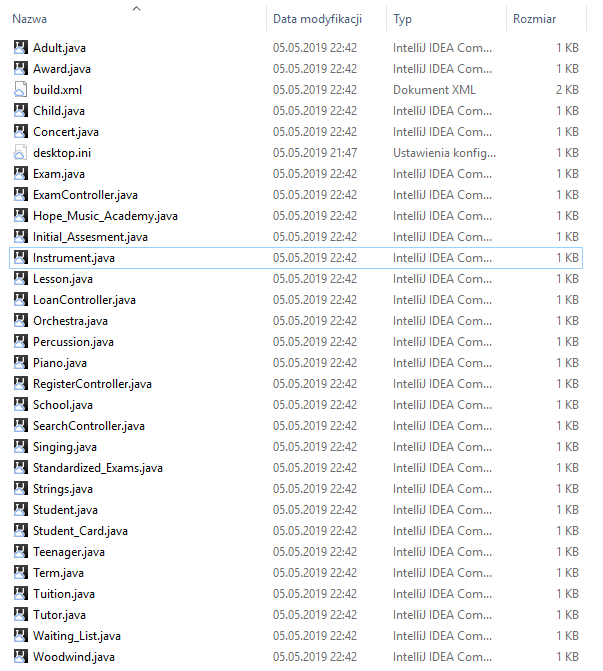
# Design Class Diagram

Deirdre and Bart

# Design Class Mapping to Java



# Design Class Diagram Code



# Student Declaration

I can confirm the following details:

1. Student ID: R00112962

Name: Deirdre Connolly

1. Student ID: R00166560

Name: Bartosz Walusiak

Module Name: OO Analysis and Design

Module Lecturer: Samreen Umer

I confirm that this is my own work.

Due Date: 05/05/19