

# Software Design Document

## Student Code Online Review and Evaluation

A terminal program and web-application for use in Florida Tech's CSE department to facilitate the submission of code for professor created assignments.

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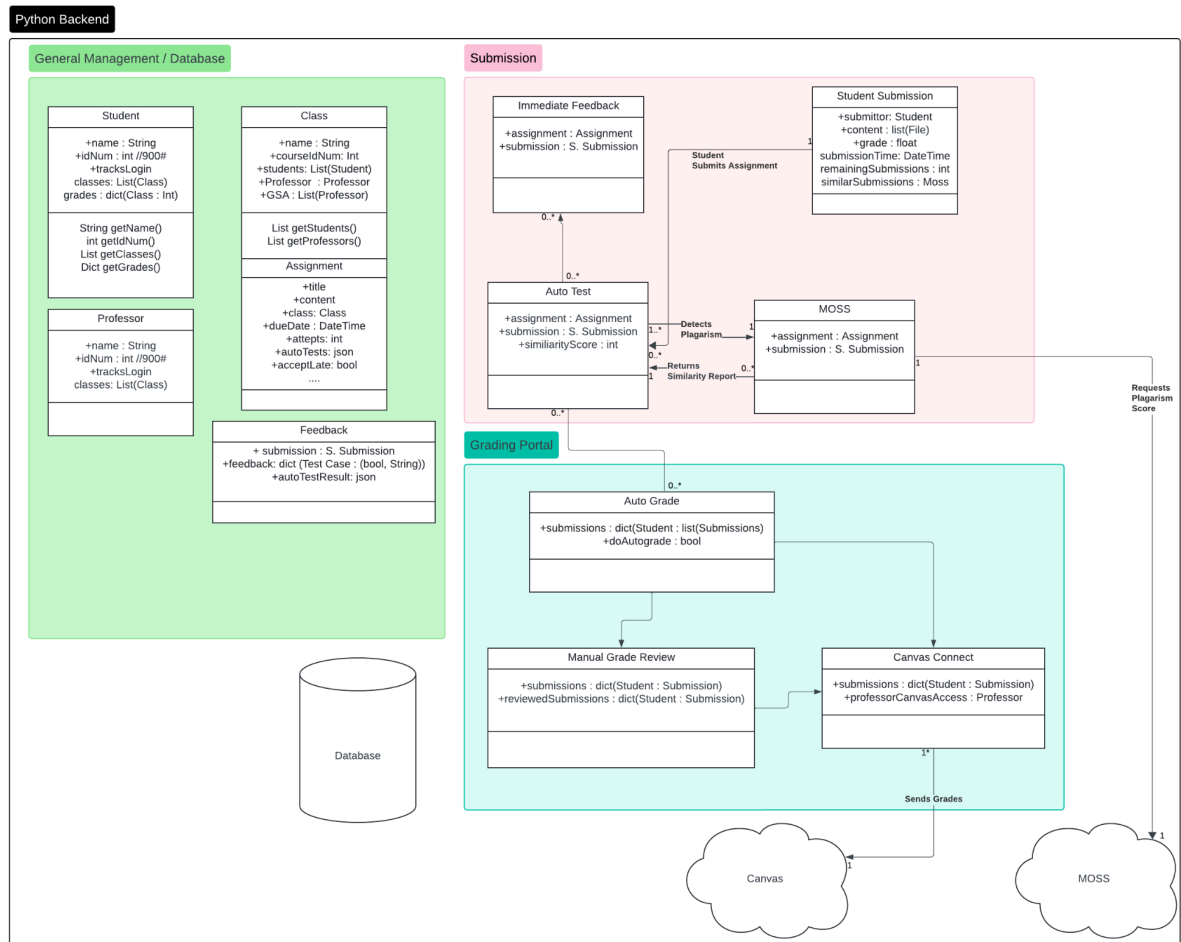
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# 1. Introduction

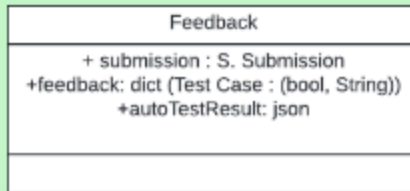
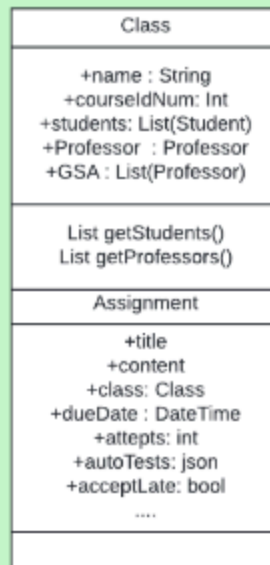
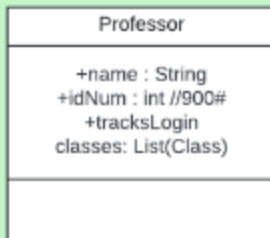
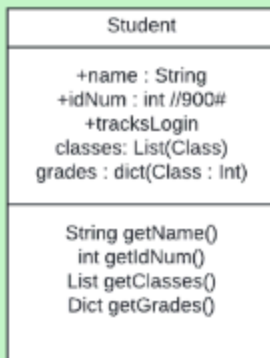
This document contains the design of the Student Code Online Review and Evaluation (SCORE) application. We start with system architecture by providing a UML diagram. This will showcase the main classes as well as their interactions with each other. We then provide mockups of the user interface within the web application. This provides a visual description of how this interface will be laid out. Then we provide an ER diagram to describe how the database will be created.

## 2. System Architecture

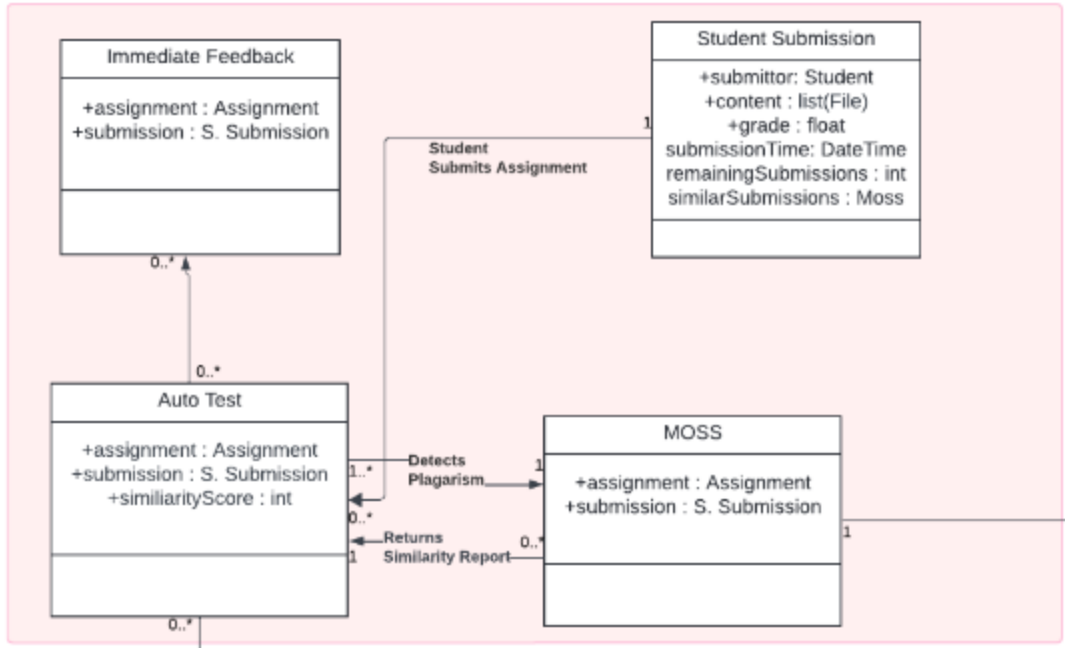
### 2.a UML Diagrams



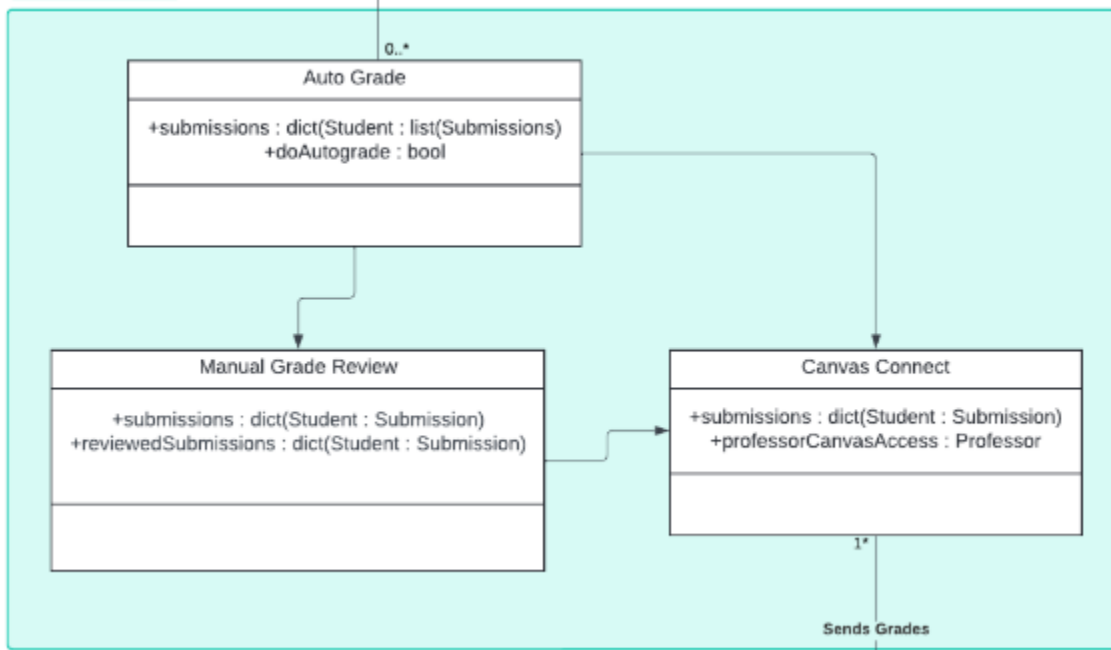
## General Management / Database



## Submission




## Grading Portal



### 3. Web Application Interface Mockups



#### 3.a. Student Dashboard

	<b>S.C.O.R.E.</b>	
	<b>CSE 1001</b>	
	<b>Classes</b>	
	<b>CSE 1001</b>	
	<b>CSE 1002</b>	


Assignment 2	Due: 9/13
Submitted On: 9/9	Score: 8/10 <a href="#">Details v</a>
Description	

Assignment 1	Due: 9/02
Submitted On: 8/29	Score: 10/10 <a href="#">Details v</a>
Description	


### 3.b. Student Dashboard Expanded Feedback

	<b>S.C.O.R.E.</b>	
	<b>CSE 1001</b>	
<b>Classes</b>	Assignment 2	Due: 9/13
	Submitted On: 9/9	Score: 8/10 <a href="#">Details v</a>
<b>CSE 1001</b>		
	Description	Feedback
<b>CSE 1002</b>	Assignment 1	Due: 9/02
	Submitted On: 8/29	Score: 10/10 <a href="#">Details v</a>
	Description	


### 3.c. Assignment Detail Page

	<b>S.C.O.R.E.</b>	
	Assignment 2	
<b>Classes</b>	Assigned: 9/6	Due: 9/13
	Description	
<b>CSE 1001</b>	Attempt 2	
	8/10	
<b>CSE 1002</b>	Submitted: 9/9	
	Attempt 1	
	8/10	
	Submitted: 9/7	
	Visible Test Cases	
	<input type="button" value="Submit"/>	

### 3.d. Assignment Submission Page


 <b>Classes</b>  <b>CSE 1001</b>  <b>CSE 1002</b>	<b>S.C.O.R.E.</b>		
	Assignment 2		Attempt 2
	Assigned: 9/6	Due: 9/13	<b>8/10</b>
	Choose File to Upload		Submitted: 9/9
	<input type="text"/> <input type="button" value="+ Add Another File"/>		Attempt 1
	<input type="button" value="Submit"/>		<b>8/10</b> Submitted: 9/7

### 3.e. Professor Dashboard

 <b>Classes</b>  <b>CSE 1001</b>  <b>CSE 1002</b>	<b>S.C.O.R.E.</b>	
	<b>CSE 1001</b>	
	<input type="button" value="+ Create Assignment"/>	
	Assignment 2	Due: 9/13
	<a href="#">View Student Submissions</a>	
	Description	
Assignment 1	Due: 9/02	
<a href="#">View Student Submissions</a>		
Description		



### 3.f Assignment Creation



**Classes**

CSE 1001

CSE 1002

S.C.O.R.E.


Name:  Due Date:

Number of Attempts:  ▼

Test Cases

Input	Output	Feedback	Visibility

### 3.g. Grading Portal



**Classes**

CSE 1001

CSE 1002

S.C.O.R.E.

Name	View Submission	Score	Grade	Comments
Alan Turing	<a href="#">View</a>	8/10	8/10	
Donald Knuth	<a href="#">View</a>	9/10	9/10	
John Neumann	<a href="#">View</a>	6/10	6/10	
Ada Lovelace	<a href="#">View</a>	9/10	9/10	
⚠ <a href="#">Edsger Dijkstra</a>	<a href="#">View</a>	10/10	10/10	
Noam Chomsky	<a href="#">View</a>	4/10	4/10	
⚠ <a href="#">John Backus</a>	<a href="#">View</a>	7/10	7/10	

## 4. Database design

### 4.a ER Diagram

