

# Gradester: Grading System

Winter 2019

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## 1. Description

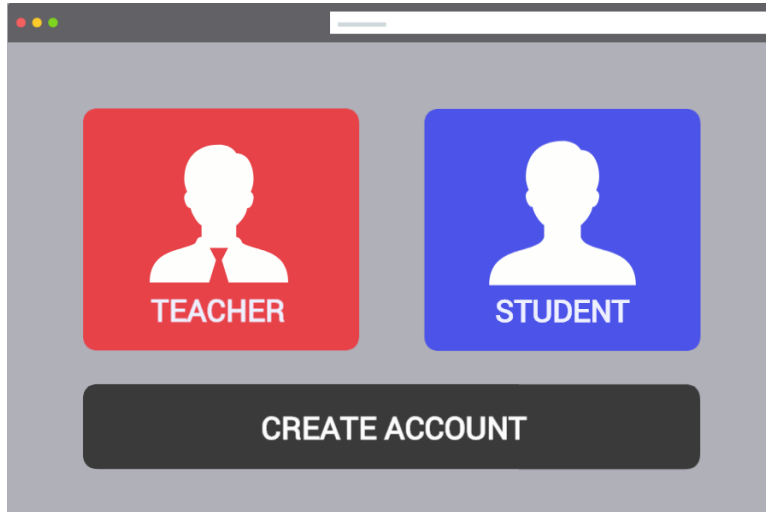
Gradester is a portal that both students and teachers can use to organize and keep track of assignment grades for their class. Teachers will have the ability to select specific students and add grades. Students will be able to access the portal to see the grades that have been added. The portal will react differently based on whether the user logged in is a teacher or student. For example students will not be able to edit or see other students grades. The teacher side of the portal they will be able to see all the students that have registered on the system and will be able to add their grades and add assignments to a particular student. The portal will also have a create account button that will allow the registration of new teachers and students. The system will also allow the allocation of a student into a class.

## 2. List of detail user level features

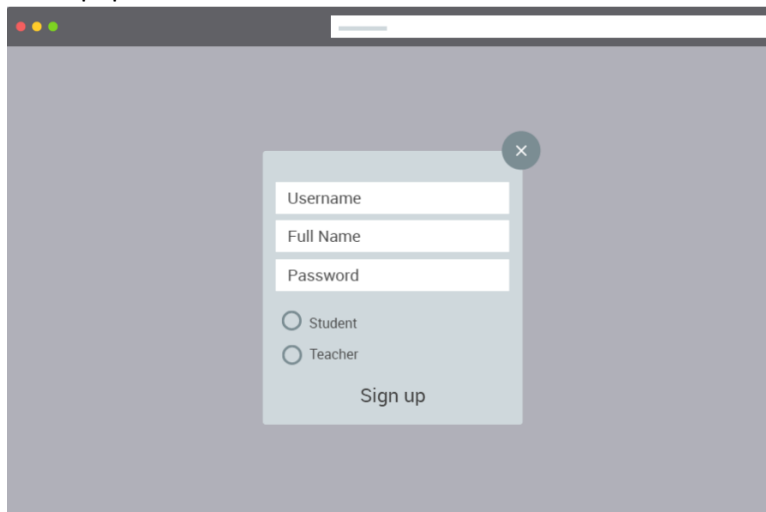
Features	Descriptions
Login	Allows both teachers and students to login
Create Account	Allows the user to create a student or teacher account
Unsubscribed Account	Will allow both teacher and student accounts to be removed
Filter by class	Filters results based on class
Create Assignment	Allows teacher to add an assignment for a class
Select students	Allows teacher to select student so that their assignment show on screen
Add Assignments	Allows a teacher attach an assignment's grade to a student.
Edit Assignments	Allows a teacher to edit the assignment grade
Delete Assignment	Allows teacher to delete assignment.
Assignment Search	Allows to filter assignments to make finding assignments easier
Calculate grade	Calculates the grade of the students based on the assignments
Student Filter	Allows teacher to filter student by name to make finding students easier
Assignments filter	When a teacher is in the processes of adding an assignment to the student, the website shows only assignments for the class the student is in.
Sign Out	Will log the user off and return to the home screen

### 3. Page layouts, and user interface

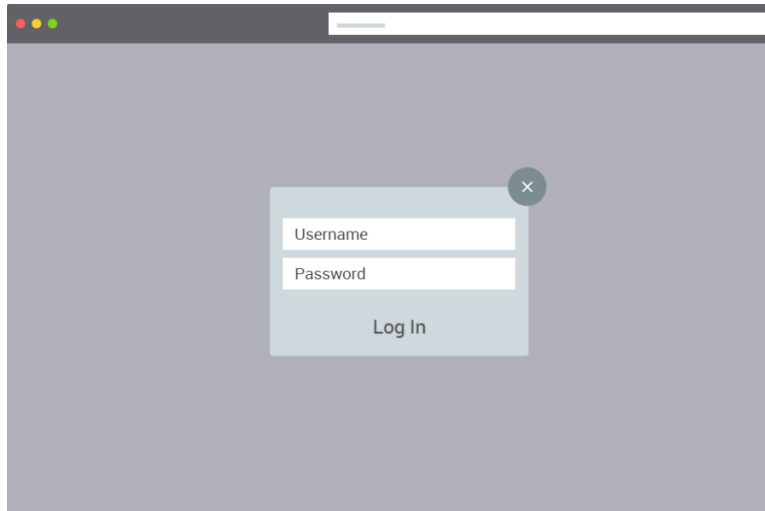
Index.php



Index.php create account modal

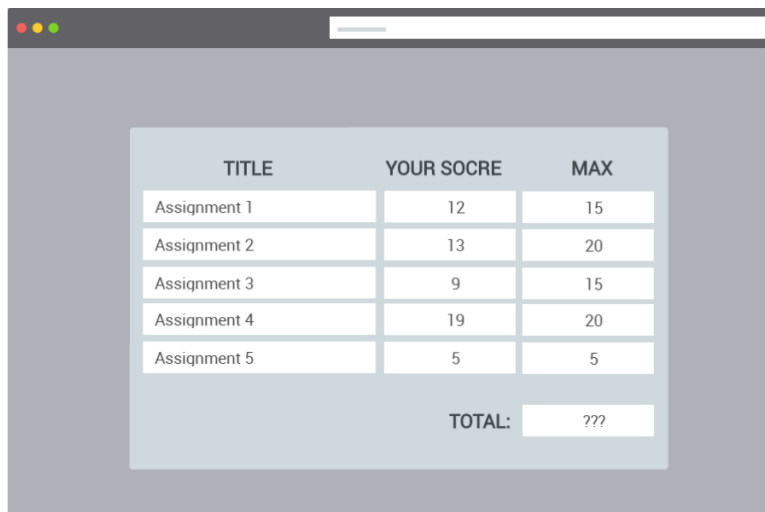


index.php login modal



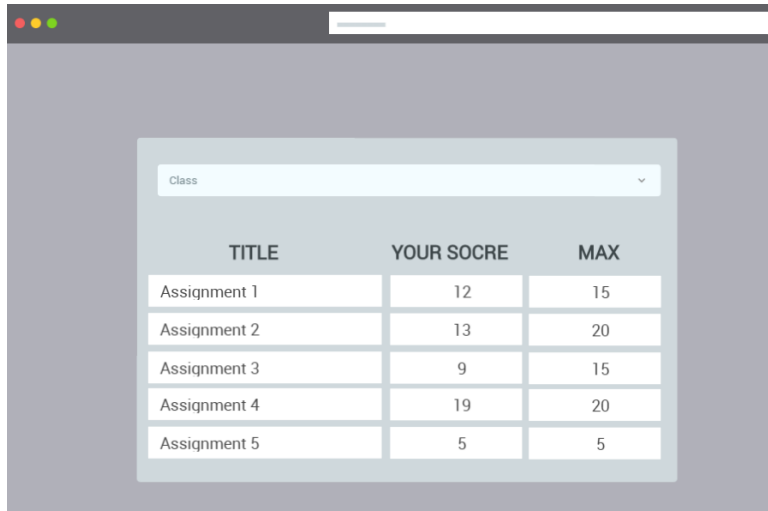
A login modal window is displayed on a dark gray background. The modal has a light gray border and a close button (X) in the top right corner. It contains two input fields: "Username" and "Password". Below the input fields is a "Log In" button.

Student.php



TITLE	YOUR SCORE	MAX
Assignment 1	12	15
Assignment 2	13	20
Assignment 3	9	15
Assignment 4	19	20
Assignment 5	5	5
TOTAL:		???

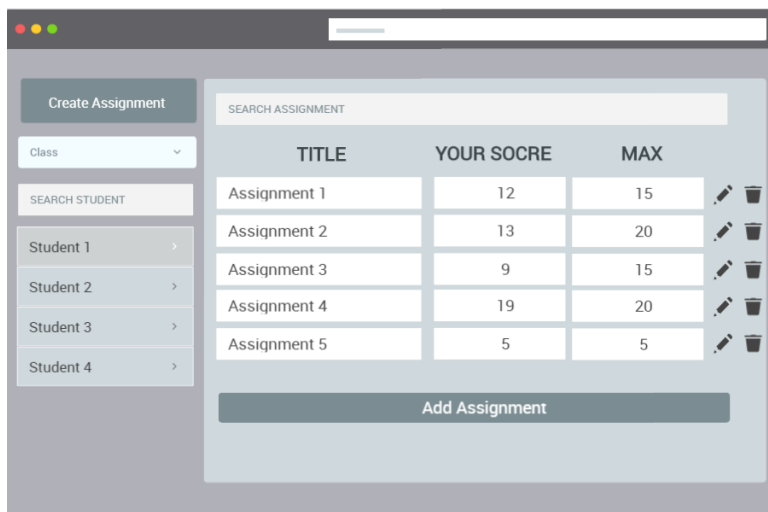
## Student.php



The screenshot shows a web browser window with a single table. Above the table is a dropdown menu labeled 'Class'. The table has three columns: 'TITLE', 'YOUR SOCRE', and 'MAX'. It contains five rows of assignment data.

TITLE	YOUR SOCRE	MAX
Assignment 1	12	15
Assignment 2	13	20
Assignment 3	9	15
Assignment 4	19	20
Assignment 5	5	5

## Teachers.php

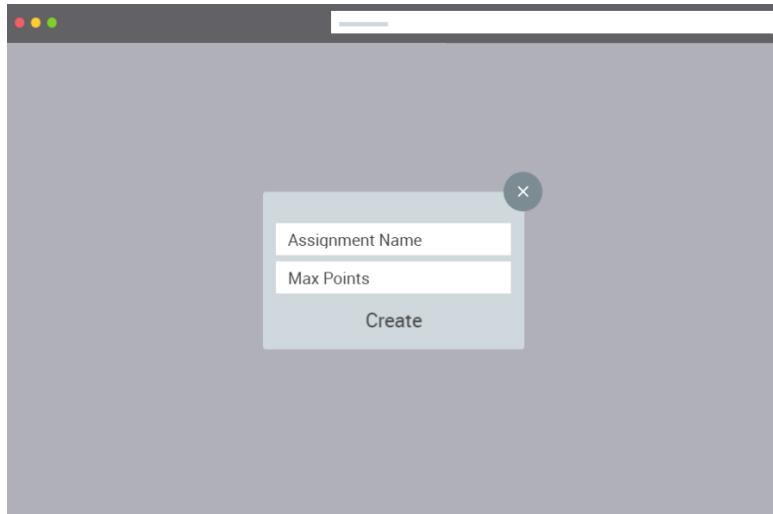


The screenshot shows a web browser window with a sidebar on the left and a main content area. The sidebar contains a 'Create Assignment' button, a 'Class' dropdown, a 'SEARCH STUDENT' input, and a list of students (Student 1 to Student 4) with expandable arrows. The main content area has a 'SEARCH ASSIGNMENT' input, a table of assignments, and an 'Add Assignment' button at the bottom. Each row in the table has edit and delete icons.

TITLE	YOUR SOCRE	MAX		
Assignment 1	12	15		
Assignment 2	13	20		
Assignment 3	9	15		
Assignment 4	19	20		
Assignment 5	5	5		

Add Assignment

Teachers.php create assignment modal

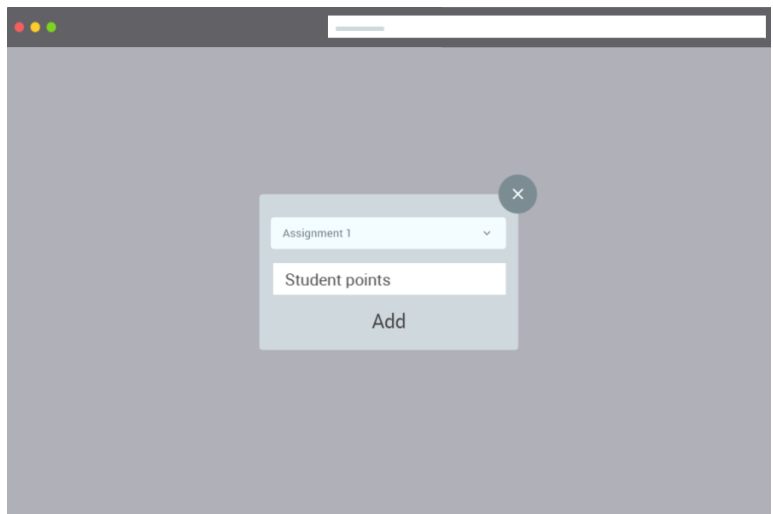


Assignment Name

Max Points

Create

Teachers.php add assignment grade modal (Same screen for edit assignment)



Assignment 1

Student points

Add

#### 4. DB tables

- Assignments

Columns	Data types	Descriptions
Id	Int	The primary key for this table

Max	Int	The maximum score for assignment
Assignment_name	Varchar	The name of the assignment
Class_id	Int	Foreign Key for the class table

- Grades

Columns	Data types	Descriptions
Id	Int	The primary key for this table
User_Id	Int	Foreign key from the users table
Assignment_Id	Int	Foreign Key from the assignments table
Grade	Int	The students grade for the assignment

- Users

Columns	Data types	Descriptions
Id	Int	The primary key for this table
User_type	Int	If teacher than "0" if student than "1"
Username	Varchar	The username chosen by the user
Password	Varchar	The password chosen by the user
Full_name	Varchar	User Full Name
Class_id	Int	What class the student is in
Date	Int	Date of creation

- Classes

Columns	Data types	Descriptions
Id	Int	The primary key for this table
Class_name	Varchar	The name of the class

## 5. Design

- Mapping between user level features and files

User level features	Index.php	Teachers.php	Controller.php	Model.php
Login	Yes	No	Yes	Yes
Create Account	Yes	No	Yes	Yes
Unsubscribed Account	--	--	--	--
Filter by class	No	Yes	Yes	Yes
Create Assignment	No	Yes	Yes	Yes
Select students	No	Yes	Yes	Yes
Add Assignments	No	Yes	Yes	Yes
Edit Assignments	--	--	--	--
Delete Assignment	--	--	--	--

Assignment Search	--	--	--	--
Calculate grade	--	--	--	--
Student Filter	--	--	--	--
Sign Out	--	--	--	--

6. Weekly report

Weeks	What I have done (It maybe list of user level features)
Week1	Document and User level features(Login, Create account, Filter by class, create assignment, Select student, add assignment) and created database
Week2	