
Team Assignment 3

CS2212B

TEAM 5

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1 REVISED UML CLASS DIAGRAM

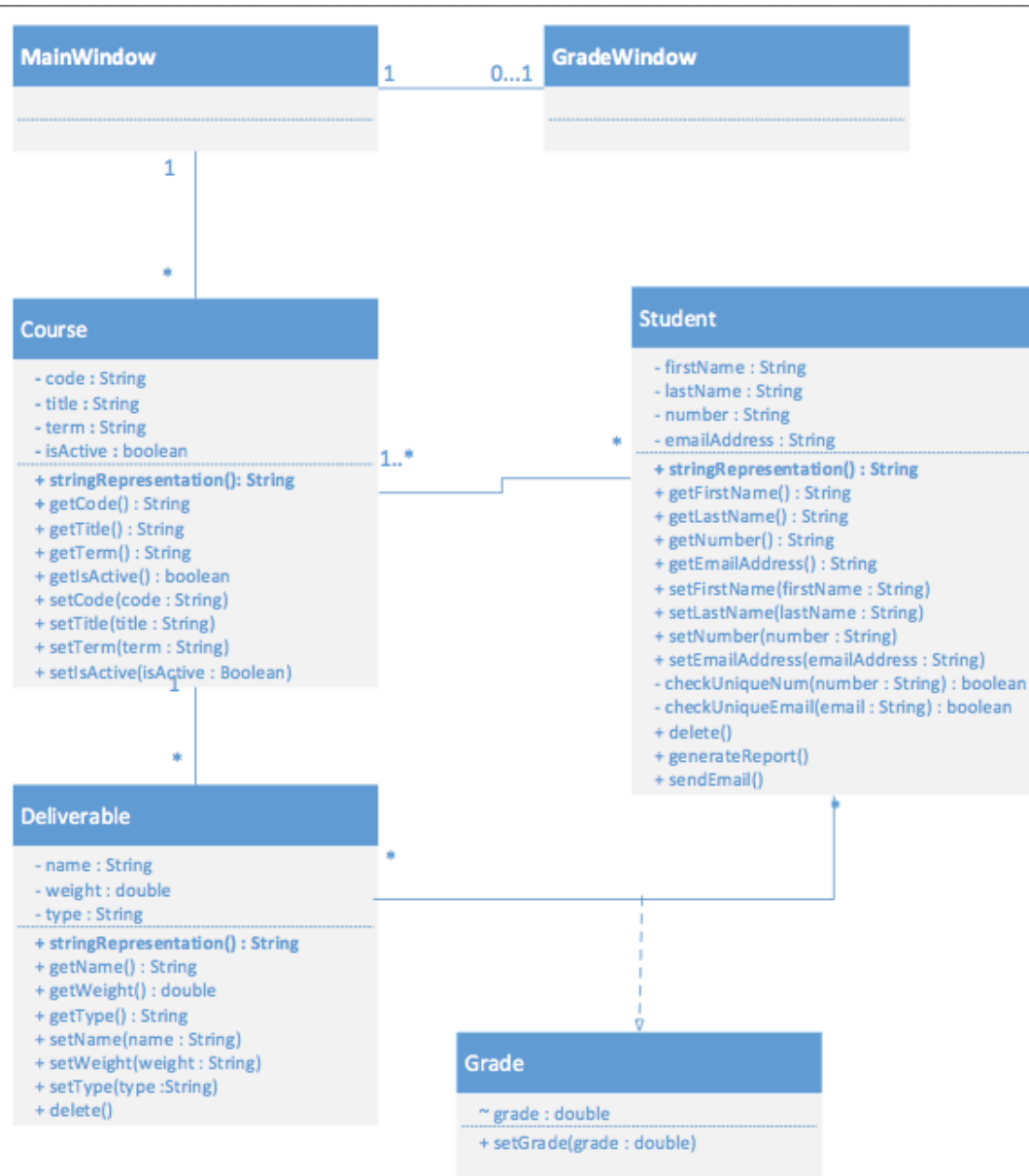
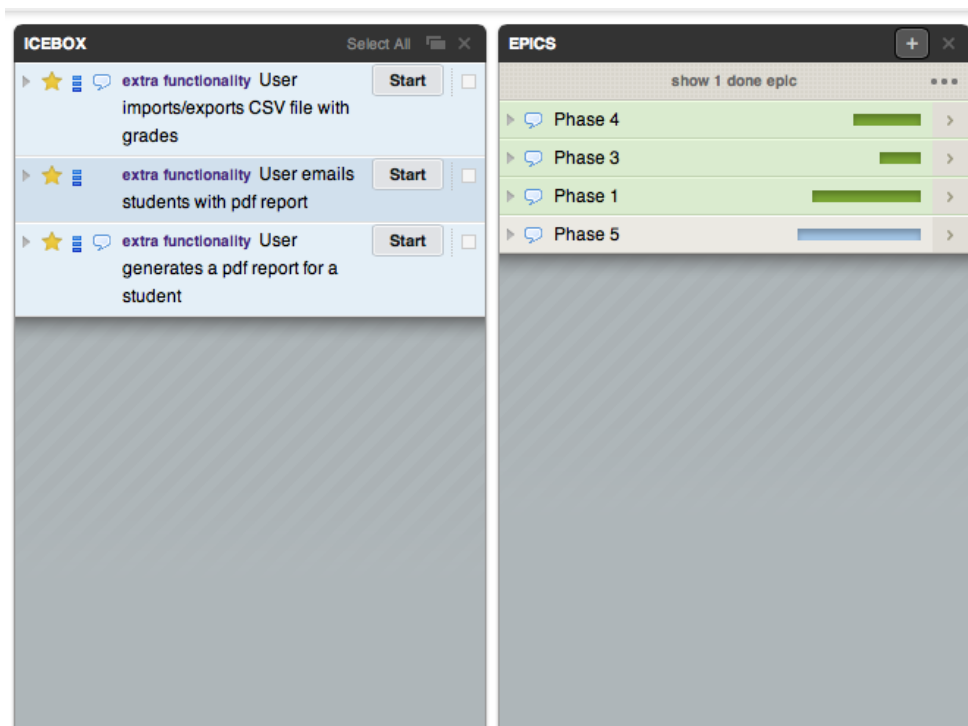
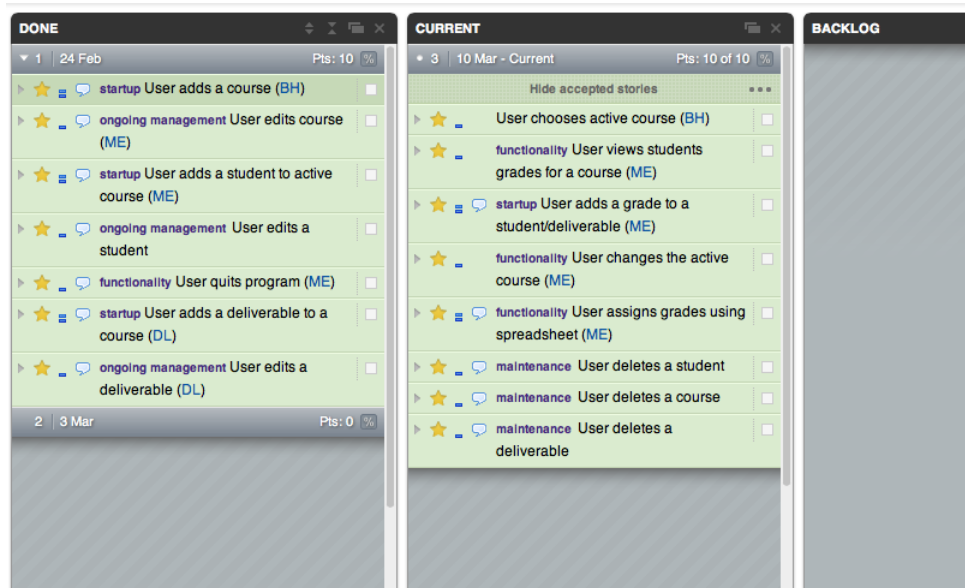


Figure 1.1: UML class diagrams for a grade book application

2 REVISED USER STORIES



A textual link to our Pivotal Tracker Project: <https://www.pivotaltracker.com/s/projects/1003240>

Stories completed between Assignment 2 and Assignment 3 are in the "Current" section of our Pivotal Tracker Account.

2.1 TESTING

-To test changing/choosing an active course: Use the JComboBox/selection menu on the top left of the main window.

-To test adding/editing grades using the spreadsheet: Click "Open grade spreadsheet" button and click on cells to add/edit grades for existing students and deliverables.

-To test deleting Courses/Students/Deliverables: Use "Delete ..." buttons in the main window of the grade book application.

3 ACCEPTANCE TESTS

Acceptance tests for adding a new Course

ID	1
Testing	User adding a new course; invalid Course name
References	Requirements 4.2.1.b
Test Case	1. Run the grade book application using java -jar team5-gradebook.jar 2. Leave Course Name field blank, enter "1000" for Course Code and "a" for Course Term 3. Click "Add Course"
Expected Output	Error: Invalid Course title. Course title cannot be empty.

ID	2
Testing	User adding a new course; invalid Course code
References	Requirements 4.2.1.a
Test Case	1. Run the grade book application using java -jar team5-gradebook.jar 2. Leave Course Code field blank, enter "Test" for Course title and "a" for Course term 3. Click "Add Course"
Expected Output	Error: Invalid Course code. Course code cannot be empty.

ID	3
Testing	User adding a new course; invalid Course term
References	Requirements 4.2.1.c
Test Case	1. Run the grade book application using java -jar team5-gradebook.jar 2. Leave Course Term field empty, enter "Test" for Course title and "1000" for Course term 3. Click "Add Course"
Expected Output	Error: Invalid Course term. Course term cannot be empty.

Acceptance tests for editing an existing Student

ID	4
Testing	User editing an existing student; invalid first name
References	Requirements 4.3.2
Test Case	1. Run the grade book application using java -jar team5-gradebook.jar 2. Leave Student first name field empty, enter "Doe" as last name, "1" as student number and "jdoe@test.ca" as email 3. Click "Edit Student"
Expected Output	Error: Invalid first name. First name cannot be empty.

ID	5
Testing	User editing an existing student; invalid last name
References	Requirements 4.3.2
Test Case	1. Run the grade book application using java -jar team5-gradebook.jar 2. Leave Student last name field empty, enter "John" as first name, "1" as student number and "jdoe@test.ca" as email 3. Click "Edit Student"
Expected Output	Error: Invalid last name. Last name cannot be empty

ID	6
Testing	User editing an existing student; invalid student number
References	Requirements 4.3.2
Test Case	1. Run the grade book application using java -jar team5-gradebook.jar 2. Leave Student number field empty, enter "John" as first name, "Doe" as last name, and "jdoe@test.ca" as email 3. Click "Edit Student"
Expected Output	Error: Invalid student number. Student number cannot be empty.

ID	7
Testing	User editing an existing student; invalid student number
References	Requirements 4.3.2
Test Case	<ol style="list-style-type: none"> 1. Run the grade book application using java -jar team5-gradebook.jar 2. Add a student with the following first name, last name, number and email: "John", "Doe", "1", "jdoe@test.ca" 3. Add a student with the following first name, last name, number and email: "Jane", "Doe", "2", "jdoe2@test.ca" 4. Select Jane Doe as active student 5. Enter "Jane" as first name, "Doe" as last name, "1" as number and "jdoe2@test.ca" as email 6. Click "Edit Student"
Expected Output	Error: Invalid student number. Student number already assigned to another student.

ID	8
Testing	User editing an existing student; invalid email
References	Requirements 4.3.2
Test Case	<ol style="list-style-type: none"> 1. Run the grade book application using java -jar team5-gradebook.jar 2. Leave Student email field empty, enter "John" as first name, "Doe" as last name, and "1" as number 3. Click "Edit Student"
Expected Output	Error: Invalid email. Student email cannot be empty.

ID	9
Testing	User editing an existing student; invalid email
References	Requirements 4.3.2
Test Case	<ol style="list-style-type: none"> 1. Run the grade book application using java -jar team5-gradebook.jar 2. Add a student with the following first name, last name, number and email: "John", "Doe", "1", "jdoe@test.ca" 3. Add a student with the following first name, last name, number and email: "Jane", "Doe", "2", "jdoe2@test.ca" 4. Select Jane Doe as active student 5. Enter "Jane" as first name, "Doe" as last name, "2" as number and "jdoe@test.ca" as email 6. Click "Edit Student"
Expected Output	Error: Invalid email. Email address already assigned to another student.

ID	10
Testing	User editing an existing student; no active student selected
References	Requirements 4.3.2
Test Case	1. Run the grade book application using java -jar team5-gradebook.jar 2. Add a new course with the following name, code and term: "Test", "1000", "a" 3. Click "Edit Student"
Expected Output	Error: Please select an existing student before editing.

4 JENKINS CI

URL: <http://ec2-50-16-21-82.compute-1.amazonaws.com/>
password: cs2212team5ta

5 PROJECT PLAN DOCUMENTATION

