

Bug Report

DataLoaderTest (by William Edwards):

Bug Name:	Cannot load empty birthday
Description:	The DataLoader cannot load a birthday that is empty (Cannot load "" instead of "MM/dd/yyyy").
Test Case:	testLoadEmptyUserBirthday()
Location of error:	SimpleDateFormat class, parse method

Bug Name:	Cannot load null birthday
Description:	The DataLoader cannot load a birthday that is null (Cannot load null instead of "MM/dd/yyyy").
Test Case:	testLoadNullUserBirthday()
Location of error:	SimpleDateFormat class, parse method

Bug Name:	Cannot load two courses from JSON
Description:	The DataLoader cannot load two courses from courses.json. However, this is not a bug when tested outside the test file. Therefore, this may not need to be fixed
Test Case:	testLoadCoursesSizeTwo()
Location of error:	Unknown, works outside of test file

Bug Name:	Cannot load author of course
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Description:	The DataLoader cannot load the username of a course's author. However, this is not a bug when tested outside the test file. Therefore, this may not need to be fixed
Test Case:	testLoadFirstCourseAuthor()
Location of error:	Unknown, works outside of test file

Bug Name:	Cannot load null modules
Description:	The DataLoader cannot load modules when the module list is null.
Test Case:	testLoadNullCourseModules()
Location of error:	DataRow class, getModulesJSON method (likely) DataLoader class, loadModules method

Bug Name:	Cannot load null language
Description:	The DataLoader cannot load the course's language when the language is null.
Test Case:	testLoadNullCourseLanguage()
Location of error:	DataRow class, getCourseJSON method (likely) DataLoader class, loadCourses method

Bug Name:	Cannot load null difficulty
Description:	The DataLoader cannot load the course's difficulty when the difficulty is null.
Test Case:	testLoadNullCourseDifficulty()
Location of error:	DataRow class, getCourseJSON method (likely) DataLoader class, loadCourses method

Bug Name:	Cannot load null author
Description:	The DataLoader cannot load the course's author when the author is null.
Test Case:	testLoadNullCourseAuthor()
Location of error:	DataWriter class, getCourseJSON method (likely) DataLoader class, loadCourses method

Bug Name:	Cannot load null assessment
Description:	The DataLoader cannot load a module's assessment if the assessment is set to null.
Test Case:	testLoadNullCourseAssessment()
Location of error:	DataWriter class, getQuizJSON method (likely) DataLoader class, loadAssessment method

Bug Name:	Cannot load null question
Description:	The DataLoader cannot load an assessment's question if the question is set to null.
Test Case:	testLoadNullCourseQuestion()
Location of error:	DataWriter class, getQuestionJSON method (likely) DataLoader class, loadAssessment method

Bug Name:	Cannot load null question answers
Description:	The DataLoader cannot load a question's ArrayList of answer choices if this ArrayList is set to null
Test Case:	testLoadNullCourseQuestionAnswers()
Location of error:	DataWriter class, getQuestionJSON method (likely) DataLoader class, loadAssessment method

Bug Name:	Cannot load null lessons
Description:	The DataLoader cannot load a module's lesson if the value of that lesson is set to null.
Test Case:	testLoadNullLesson()
Location of error:	DataWriter class, getLessonJSON method (likely) DataLoader class, loadLessons method

DataWriterTest (by Austin Sanza):

Bug Name:	Cannot Write Question with null answer choice
Description:	The Data Writer will crash if given a question with null as its answer choices
Test Case:	testQuestionHasNullAsAnswerChoicesArray()
Location of error:	DataWriter, getQuestionJSON method

Bug Name:	Cannot Write null Question
Description:	The Program will crash if a null Question is written to DataWriter
Test Case:	testNullQuestion()
Location of error:	DataWriter, getQuestionJSON method

Bug Name:	Cannot write null quiz
Description:	The Data Writer will crash the program if a null quiz is given to it
Test Case:	testNullQuiz()

Location of error:	DataWriter, getQuizJSON method
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Bug Name:	Cannot write null user
Description:	The DataWriter will crash if it is given a null user to write to JSON
Test Case:	testNullUser()
Location of error:	DataWriter, getUserJSON method

Bug Name:	Cannot write null Lesson
Description:	The Data Writer will crash if asked to write a null lesson
Test Case:	testNullLesson()
Location of error:	DataWriter, getLessonJSON method

Bug Name:	Cannot Write Null module
Description:	The DataWriter will crash if asked to write a null module
Test Case:	testGetModuleJSONNullModule
Location of error:	DataWriter, getModuleJSON method

Bug Name:	Cannot write review with null user
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Description:	The DataWriter will crash if asked to write a review with a null user
Test Case:	testGetReviewJSONNullUser()
Location of error:	DataWriter, getReviewJSON method

Bug Name:	Cannot write null review
Description:	The DataWriter will crash if asked to write a null review
Test Case:	testGetReviewJSONNullReview()
Location of error:	DataWriter, getReviewJson method

UserListTest (by Casey Fainberg):

Bug Name:	Can add User with empty username
Description:	The UserList allows for a User with an empty username value
Test Case:	emptyUsername()
Location of error:	UserList, addUser method

Bug Name:	Can add User with empty first name
Description:	The UserList allows for a User with an empty first name value
Test Case:	emptyFirstName()

Location of error:	UserList, addUser method
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Bug Name:	Can add User with empty last name
Description:	The UserList allows for a User with an empty last name value
Test Case:	emptyLastName()
Location of error:	UserList, addUser method

Bug Name:	Can add User with empty email
Description:	The UserList allows for a User with an empty email value
Test Case:	emptyEmail()
Location of error:	UserList, addUser method

Bug Name:	Can add User with empty password
Description:	The UserList allows for a User with an empty password value
Test Case:	emptyPassword()
Location of error:	UserList, addUser method

Bug Name:	Can add User with null username
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Description:	The UserList allows for a User with an null username value
Test Case:	nullUsername()
Location of error:	UserList, addUser method

Bug Name:	Can add User with null first name
Description:	The UserList allows for a User with an null first name value
Test Case:	nullFirstName()
Location of error:	UserList, addUser method

Bug Name:	Can add User with null last name
Description:	The UserList allows for a User with an null last name value
Test Case:	nullLastName()
Location of error:	UserList, addUser method

Bug Name:	Can add User with null email
Description:	The UserList allows for a User with an null email value
Test Case:	nullEmail()
Location of error:	UserList, addUser method

Bug Name:	Can add User with null password
Description:	The UserList allows for a User with an null password value
Test Case:	nullPassword()
Location of error:	UserList, addUser method

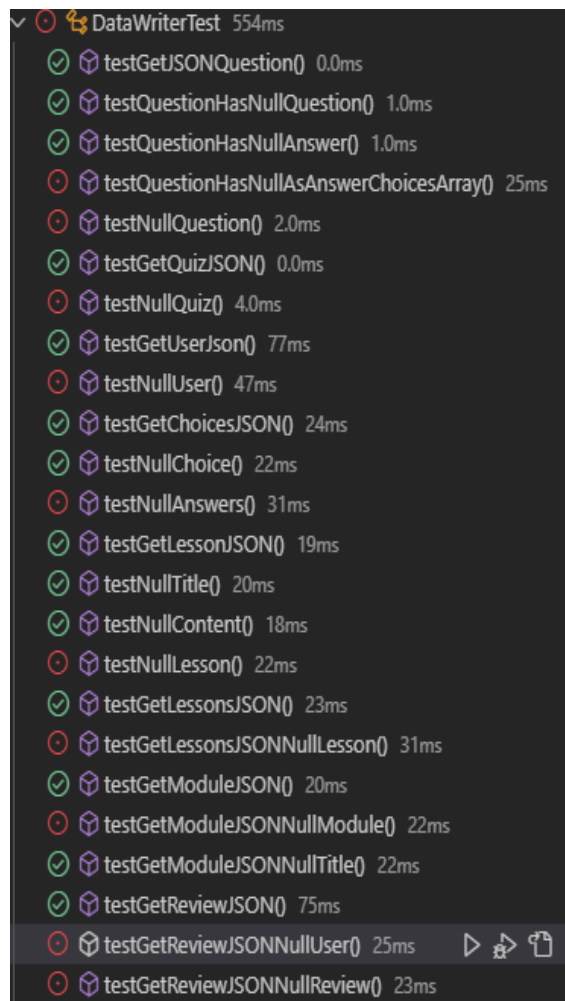
Bug Name:	Can add User with null birthday
Description:	The UserList allows for a User with an null birthday value
Test Case:	nullBirthday()
Location of error:	UserList, addUser method

Report:

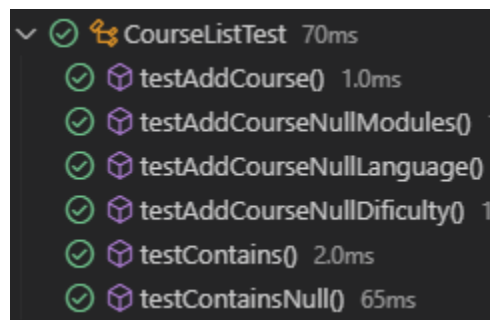
DataLoaderTest (by William Edwards):

✓ testLoadUsersSizeTwo() 0.0ms	✓ testLoadFirstCourseLessonsLength() 2.0ms
✓ testLoadUsersSizeZero() 0.0ms	✓ testLoadFirstCourseLessonTitle() 5.0ms
✓ testLoadStudentUserName() 0.0ms	✓ testLoadFirstCourseLessonContent() 0.0ms
✓ testLoadStudentFirstName() 0.0ms	✓ testLoadFirstCourseEmptyLessonTitle() 1.0ms
✓ testLoadStudentLastName() 0.0ms	✓ testLoadFirstCourseEmptyLessonContent() 2.0ms
✓ testLoadStudentPassword() 0.0ms	✓ testLoadFirstCourseAssessmentLength() 1.0ms
✓ testLoadStudentEmail() 1.0ms	✓ testLoadFirstCourseFirstQuestion() 3.0ms
✓ testLoadStudentBirthday() 0.0ms	✓ testLoadFirstCourseFirstQuestionAnswers() 27ms
✓ testLoadAuthorUserName() 0.0ms	✓ testLoadFirstCourseFirstQuestionAnswer() 14ms
✓ testLoadAuthorFirstName() 0.0ms	✓ testLoadFirstCourseEmptyQuestion() 3.0ms
✓ testLoadAuthorLastName() 0.0ms	✓ testLoadFirstCourseEmptyQuestionAnswers() 0.0ms
✓ testLoadAuthorPassword() 10ms	✓ testLoadFirstCourseEmptyQuestionAnswer() 2.0ms
✓ testLoadAuthorEmail() 1.0ms	✓ testLoadFirstCourseDifficulty() 0.0ms
✓ testLoadAuthorBirthday() 4.0ms	✓ testLoadEmptyCourseTitle() 2.0ms
✓ testLoadEmptyUserUserName() 0.0ms	✓ testLoadEmptyCourseDescription() 0.0ms
✓ testLoadEmptyUserFirstName() 0.0ms	✓ testLoadEmptyCourseModulesLength() 1.0ms
✓ testLoadEmptyUserLastName() 0.0ms	✓ testLoadNullCourseTitle() 0.0ms
✓ testLoadEmptyUserPassword() 0.0ms	✓ testLoadNullCourseDescription() 5.0ms
✓ testLoadEmptyUserEmail() 1.0ms	⊗ testLoadNullCourseModules() 2.0ms
⊗ testLoadEmptyUserBirthday() 3.0ms	⊗ testLoadNullCourseLanguage() 2.0ms
✓ testLoadNullUserUserName() 0.0ms	⊗ testLoadNullCourseDifficulty() 3.0ms
✓ testLoadNullUserFirstName() 0.0ms	⊗ testLoadNullCourseAuthor() 3.0ms
✓ testLoadNullUserLastName() 2.0ms	⊗ testLoadNullAssessment() 4.0ms
✓ testLoadNullUserPassword() 0.0ms	⊗ testLoadNullQuestion() 8.0ms
✓ testLoadNullUserEmail() 1.0ms	✓ testLoadNullQuestionQuestion() 0.0ms
⊗ testLoadNullUserBirthday() 3.0ms	⊗ testLoadNullQuestionAnswers() 10ms
⊗ testLoadCoursesSizeTwo() 4.0ms	✓ testLoadNullLessonTitle() 3.0ms
✓ testLoadCoursesSizeZero() 0.0ms	✓ testLoadNullLessonContent() 2.0ms
✓ testLoadFirstCourseTitle() 2.0ms	⊗ testLoadNullLesson() 1.0ms
⊗ testLoadFirstCourseAuthor() 2.0ms	
✓ testLoadFirstCourseLanguage() 1.0ms	
✓ testLoadFirstCourseDescription() 1.0ms	
✓ testLoadFirstCourseModulesLength() 2.0ms	

DataWriterTest (by Austin Sanza):



CourseListTest (by Noah Parker):



UserListTest (by Casey Fainberg):

✓	✗	LMS	930ms
✓	✗	src	930ms
✓	✗	UserListTest	930ms
✓	🌀	testHaveUserValidFirstItem()	3.0ms
✓	🌀	testHaveUserValidLastItem()	5.0ms
✓	🌀	testHaveUserInvalid()	55ms
✓	🌀	testHaveUserEmpty()	4.0ms
✓	🌀	testHaveUserNull()	8.0ms
✗	🌀	emptyUsername()	60ms
✗	🌀	emptyFirstName()	52ms
✗	🌀	emptyLastName()	52ms
✗	🌀	emptyEmail()	53ms
✗	🌀	emptyPassword()	54ms
✗	🌀	nullUsername()	55ms
✗	🌀	nullFirstName()	65ms
✗	🌀	nullLastName()	60ms
✗	🌀	nullEmail()	56ms
✗	🌀	nullPassword()	57ms
✗	🌀	nullBirthday()	55ms
✓	🌀	hasValidUsername()	46ms
✓	🌀	hasValidFirstName()	43ms
✓	🌀	hasValidLastName()	47ms
✓	🌀	hasValidEmail()	49ms
✓	🌀	hasValidPassword()	51ms