

CSCE 606: Shockwave Kickers

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Iteration 2

- **Team roles:** The team should elect a scrum master and product owner.
 - We have an agreed upon rotation that will shift with each iteration
 - Scrum Master: Kunal Vudathu
 - Product Manager: Stuart Nelson
- **Customer meeting date/time/place:** The team product owner should contact the customer and set up a regular weekly meeting.
 - Every Friday at 2pm in PETR
- **SCRUM meeting date/time/place:**
 - Every Tuesday and Thursday at 10am
- Github: https://github.com/Lightfoot-Heavy-Machinery/shockwave_kickers
- Pivotal Tracker: <https://www.pivotaltracker.com/n/projects/2595510>
- Slack Workspace name:
 - Workspace: tamu.slack.com
 - Channel Name: csce606_shockwave_kickers
- Heroku Deployment: <https://shockwave-kickers.herokuapp.com/courses>

Work Accomplished:

- Migrated DB schema to what it should look like, had to change all controllers to work to what is expected
- Implemented complete authentication system
 - users can sign up, get email confirmations, reset passwords emails.
 - We also implemented the need to confirm email before signing in.
 - All the pages will be accessible only when the user has signed in.
 - A user can access only the information that they created, everything is private.
- Parse csv uploaded from howdy and creates student and course object to what it's needed
- The course page showcases all the students signed up in that course.
- Migrated all react code to html/bootstrap, this includes all pages like courses, students and home page
 - Accomplished it to being very close to figma diagrams below
- All this works in heroku as well!!

User stories selected in this iteration.

- **Update db schema on backend and perform changes/migrations as needed**
 - Migrate the db in heroku and local to finalized db schema
 - Update student and course controllers and UI components to be compatible with the new db schema
 - Show students under the same course in the same page
- **Backend: Implement db update on json received by parse csv function**
 - We are now able to parse the CSV roster file that is loaded from
 - Automatically builds Course and Student records, and write these records to the database
 - If a student is in a course that doesn't exist in the database, then the system will automatically create a new Course record before saving the Student
- **Implement Authentication**
 - Users can sign up, get email confirmations, reset passwords emails.
 - We also implemented the need to confirm email before signing in.
 - All the pages will be accessible only when the user has signed in.
 - A user can access only the information that they created, everything is private.
- **Migrate React to html and build pages to what figma diagram looks like**
 - Build a base template for all the pages
 - Courses page, student profile page, course profile page were built and stitched with backend and authentication
 - Edit student and edit course were created to what it looks like figma

Stories in Pivotal Tracker:

★ =	Update db schema on backend and perform changes/migrations as needed (CS, KV)	<input type="checkbox"/>
★ =	Backend: implement db update based on json received by parse csv function (CS, RA)	<input type="checkbox"/>
★ =	Implement authentication (KV)	<input type="checkbox"/>
★ =	Migrate React to HTML (JK, SS)	<input type="checkbox"/>

Stories Added/Changed:

- For Iteration 3, We added the following stories:
 - Based on request from stakeholder, we added a story for Authentication done via SSO
 - A story to store images via S3 bucket

Iteration 3 work:

- Get the upload feature working end to end, with it updating correctly on the new DB schema
- Basic functionality for Quiz feature
- Upload pictures and store in S3 bucket
- Get higher test coverage using rspec
- Get CI/CD pipeline working

Test Coverage Report

Unit Cases Coverage:

We increased coverage coverage from 78% to 91.26% as well as increased number of tests from 10 to 28 tests, this includes more edge case coverage as well as tests on authentication as well:

All Files (91.26% covered at 1.51 hits/line)

10 files in total.
103 relevant lines, 94 lines covered and 9 lines missed. (91.26%)

Search:

File	% covered	Lines	Relevant Lines	Lines covered	Lines missed	Avg. Hits / Line
app/controllers/students_controller.rb	90.00 %	77	40	36	4	1.53
app/controllers/upload_controller.rb	90.00 %	26	10	9	1	1.80
app/controllers/courses_controller.rb	90.91 %	84	44	40	4	1.55
app/controllers/home_controller.rb	100.00 %	5	3	3	0	1.00
app/helpers/courses_helper.rb	100.00 %	2	1	1	0	1.00
app/helpers/home_helper.rb	100.00 %	2	1	1	0	1.00
app/helpers/students_helper.rb	100.00 %	2	1	1	0	1.00
app/helpers/upload_helper.rb	100.00 %	2	1	1	0	1.00
app/models/course.rb	100.00 %	2	1	1	0	1.00
app/models/student.rb	100.00 %	2	1	1	0	1.00

Showing 1 to 10 of 10 entries