

Sprint 2 Retrospective

Links

[Pivotal Tracker](#)

[GitHub repo](#)

[Heroku deployment](#)

Dates of the sprint

Feb 19 - Mar 18

Team Info

Product Owner: Francis Bui

Scrum Master: Mackenzie Hamlett

Devs: Michael Chiu, Jakob Kirby, Fizza Ali, Chenxin Li, Tolga Yildiz

Member Contributions

- Jakob Kirby: Implemented feature 2 story 2
- Tolga Yildiz: Implemented feature 2 story 1
- Fizza Ali: Implemented feature 1 story 2
- Francis Bui: Set up client meetings as well as lead client/ customer discussions and emails. Merged PRs.
- Mackenzie Hamlett: Running standup, updating pivotal tracker for teammates. Merged PRs.
- Michael Chiu: implemented feature 1 story 1
- Chenxin Li: Implemented feature 2 story 2

Sprint Goal

Getting the stories with highest priority from the customer implemented, updated unit and integration testing as needed when adding new UI pages to provide quality working code. For this sprint we wanted to make sure that things are implemented as requested regarding the streak tracker and predefined challenges. The common goal of the stories of this sprint is to get new pages for their challenge tasks for the trainer to easily save and use preset challenges and tasks all of which were implemented.

Sprint Achievements

Feature 1 Story 1: Michael Chiu

Feature 1 Story 2: Completed by Fizza Ali

Feature 2 Story 1: Completed by Tolga Yildiz

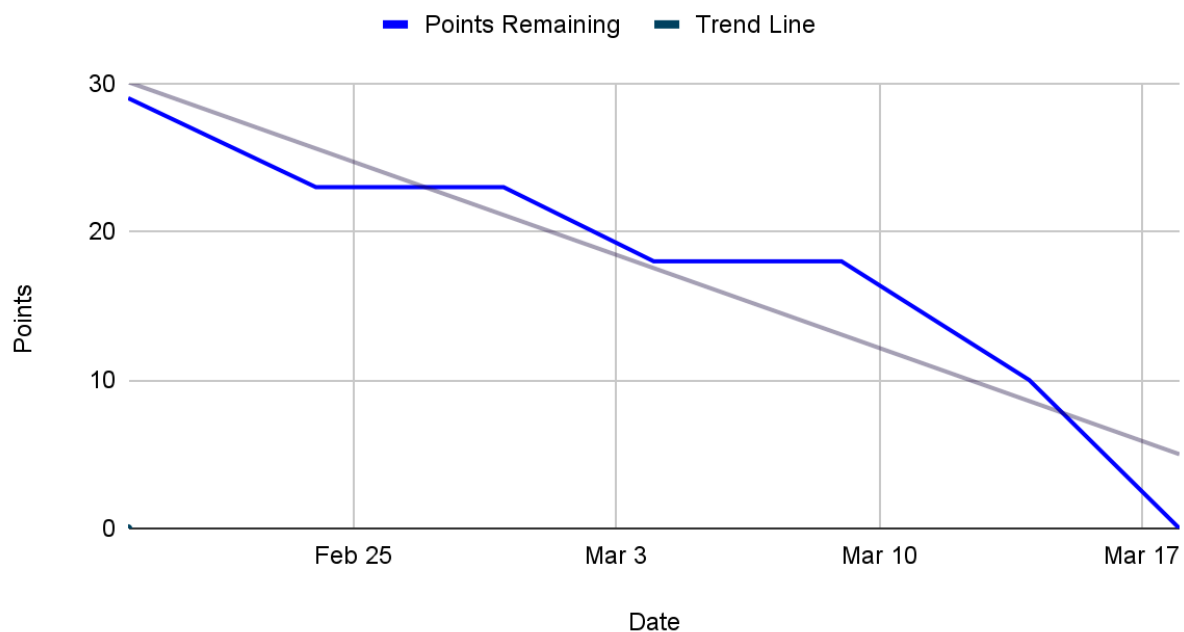
Feature 2 Story 2: Jakob Kirby, Chenxin Li

Backlog Items

During this sprint we kept two stories currently in the backlog from sprint 1 in our backlog for all of sprint 2 and will carry over into sprint 3; these include Retrieve user Tracking Data as well as Store User Tracking Data. These will stay in the backlog and blocked until we implement stories in sprint 3 to keep track of the dates in which clients are tracking completed tasks and challenges. During this sprint we did not move any stories worked on to the backlog.

Burndown Chart

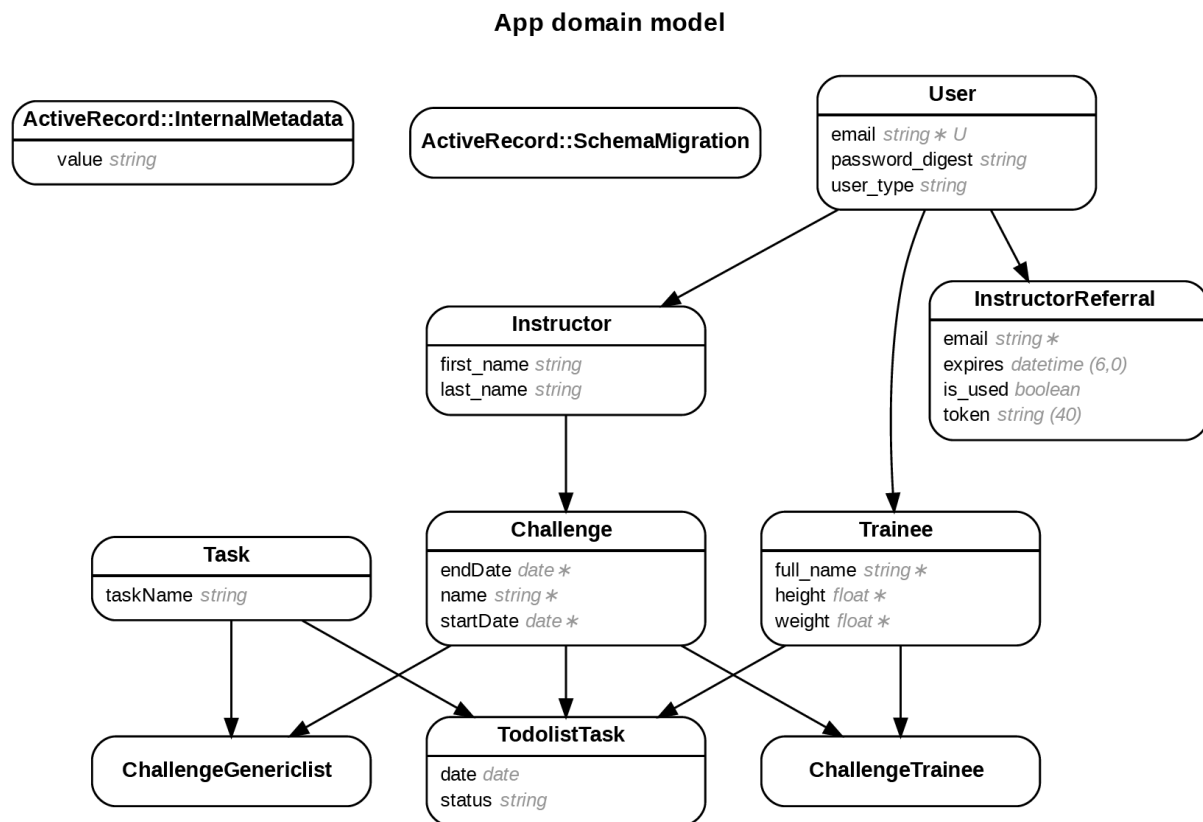
Burndown Chart



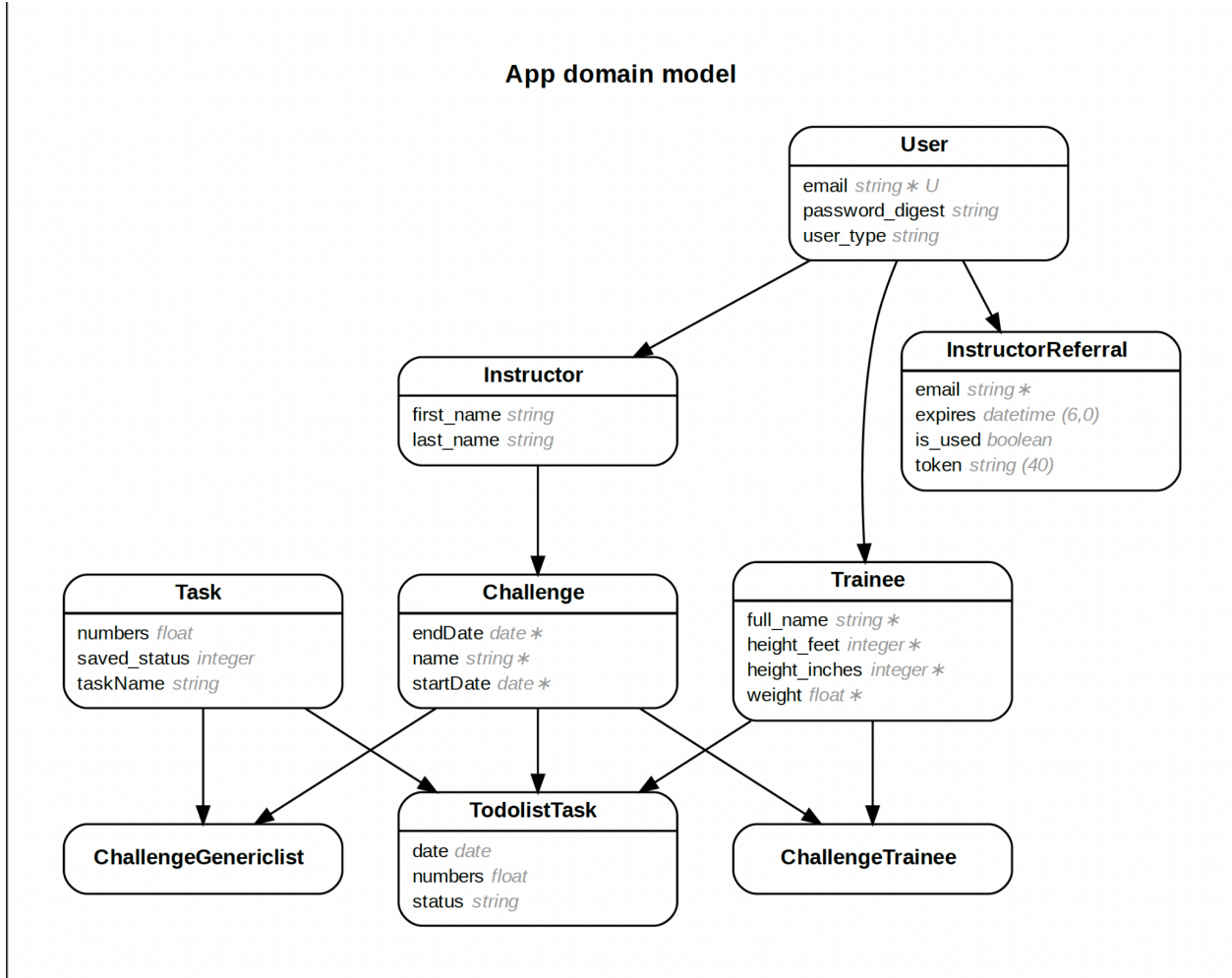
Documentation of Changes

- implemented feature 1 story 1:
 - Add new dropdown menu
 - Add “set of predefined tasks
 - Keep the manual entry for new tasks that are not predefined
- Implemented feature 1 story 2:
 - Add “Challenge Templates” dropdown
 - Add predefined challenges as templates
 - Orient next to the predefined tasks but differentiate between the two
- Implemented feature 2 story 2:
 - Implement table for client to enter their workouts, weights, reps, etc and view previous history
- Implemented feature 2 story 1:
 - Instructors can click on trainees to see information on their progress, view trainee profiles, and manage their workout plans.

Design Diagram



Old Design Diagram



New Design Diagram

Customer Meeting for MVP Demo

19 March 2024 - Zoom

Feedback: Dr. Niki provided feedback including positive remarks on our implementations of the workout tracker and predefined challenge templates. However, she mentioned that seeing a better, more user friendly, user interface along with better navigation within the app would be helpful for our next demo in sprint 3.

Reports

Evaluations of Code and Test Quality

Rubocop Report

```
spec/controllers/challenges_controller_spec.rb:184:7: C: Naming/VariableName: Use snake_case for variable names.
  @challengeGenList = ChallengeGenericlist.create(task: @task, challenge: @challenge)
  ^^^^^^^^^^^^^^^^^^

spec/controllers/challenges_controller_spec.rb:222:7: C: Naming/VariableName: Use snake_case for variable names.
  @challengeGenList = ChallengeGenericlist.create(task: @task, challenge: @challenge)
  ^^^^^^^^^^^^^^^^^^

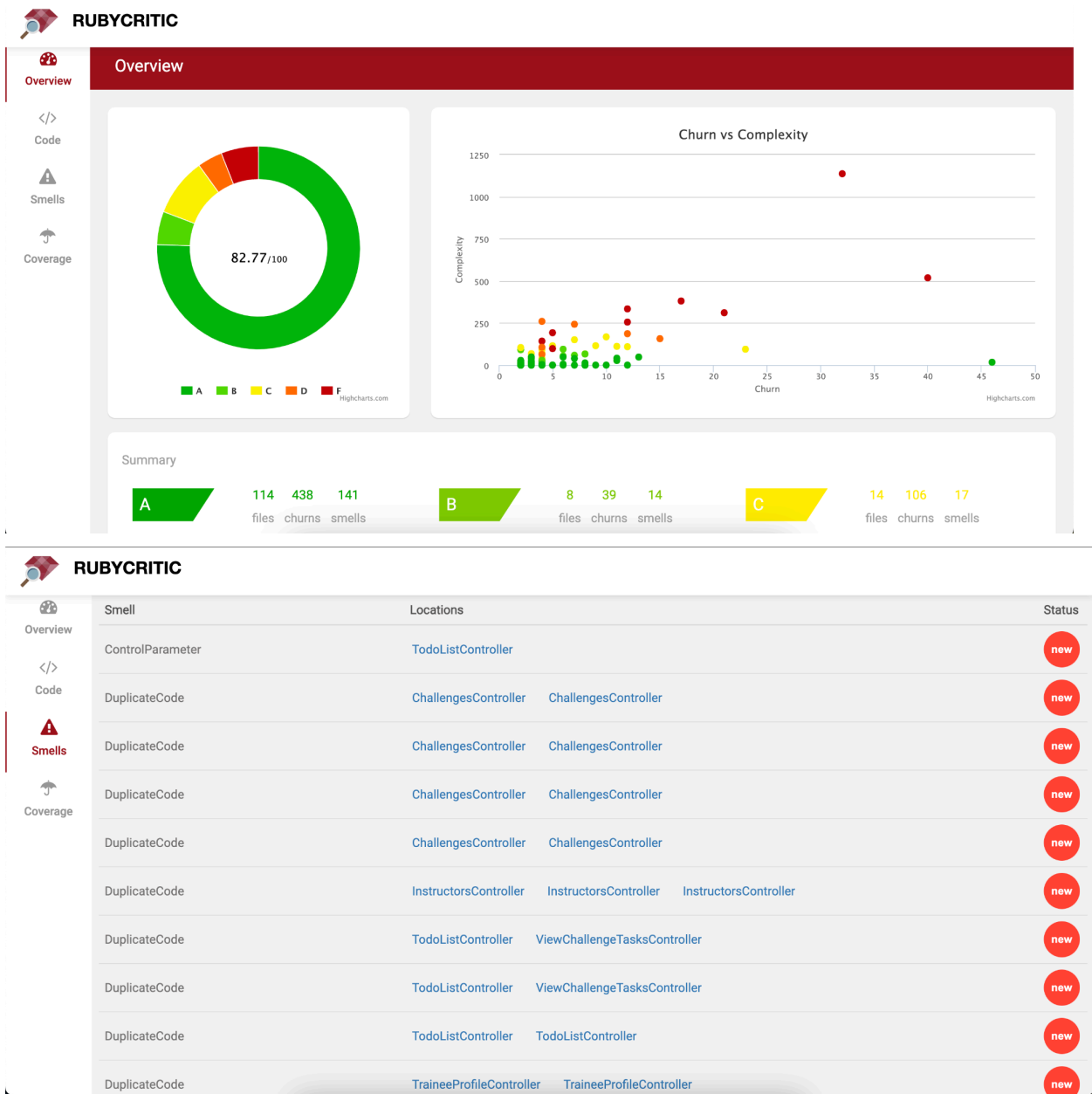
spec/controllers/challenges_controller_spec.rb:241:7: C: Naming/VariableName: Use snake_case for variable names.
  @challengeGenList = ChallengeGenericlist.create(task: @task, challenge: @challenge)
  ^^^^^^^^^^^^^^^^^^

spec/controllers/challenges_controller_spec.rb:252:7: C: Naming/VariableNumber: Use normalcase for variable numbers.
  task_params_2 = { taskName: 'New Task 2' }
  ^^^^^^^^^^^^^^

spec/controllers/challenges_controller_spec.rb:274:7: C: Naming/VariableName: Use snake_case for variable names.
  @challengeGenList = ChallengeGenericlist.create(task: @task, challenge: @challenge)
  ^^^^^^^^^^^^^^^^^^

162 files inspected, 56 offenses detected
```

Rubycritic Report





RUBYCRITIC

Overview	Rating	Name	Coverage
</>	F	Channel	0.00%
Code	F	Connection	0.00%
Smells	F	ApplicationController	0.00%
Coverage	F	ChallengesController	0.00%
	F	InstructorReferralController	0.00%
	F	InstructorsController	0.00%
	F	MainController	0.00%
	F	PasswordResetsController	0.00%
	F	ProfilesController	0.00%
	F	SessionsController	0.00%
	F	TodoListController	0.00%

BDD&TDD

RSpec Coverage Report

All Files (93.73%)							Generated less than a minute ago
All Files (93.73% covered at 2.42 hits/line)							
38 files in total. 1212 relevant lines, 1136 lines covered and 76 lines missed. (93.73%)							
Search: <input type="text"/>							
File	% covered	Lines	Relevant Lines	Lines covered	Lines missed	Avg. Hits / Line	
app/controllers/todo_list_controller.rb	68.87 %	277	151	104	47	1.81	
app/controllers/users_controller.rb	85.00 %	35	20	17	3	2.45	
app/controllers/trainee_signup_controller.rb	90.00 %	39	20	18	2	2.00	
app/controllers/challenges_controller.rb	92.48 %	387	226	209	17	3.07	
spec/controllers/password_resets_controller_spec.rb	93.94 %	56	33	31	2	1.09	
app/controllers/profiles_controller.rb	95.00 %	39	20	19	1	1.70	
app/controllers/instructor_referral_controller.rb	95.24 %	36	21	20	1	1.38	
spec/controllers/instructor_referral_spec.rb	95.45 %	47	22	21	1	1.23	
app/controllers/password_resets_controller.rb	96.30 %	49	27	26	1	1.26	
app/controllers/instructors_controller.rb	98.46 %	113	65	64	1	2.46	
app/controllers/application_controller.rb	100.00 %	9	4	4	0	15.00	
app/controllers/sessions_controller.rb	100.00 %	28	17	17	0	1.65	
app/controllers/trainee_profile_controller.rb	100.00 %	36	19	19	0	2.53	
app/controllers/view_trainees_controller.rb	100.00 %	35	19	19	0	1.68	
app/mailers/application_mailer.rb	100.00 %	6	3	3	0	1.00	

Cucumber Report

All Files (86.77% covered at 8.14 hits/line)

50 files in total.
1512 relevant lines, 1312 lines covered and 200 lines missed. (86.77%)

Search:

File	% covered [▲]	Lines	Relevant Lines	Lines covered	Lines missed	Avg. Hits / Line
Q features/step_definitions/instructorsignup_steps.rb	55.93 %	108	59	33	26	1.53
Q app/controllers/instructors_controller.rb	66.15 %	113	65	43	22	8.17
Q app/controllers/todo_list_controller.rb	66.89 %	277	151	101	50	8.07
Q app/controllers/view_challenge_tasks_controller.rb	72.22 %	61	36	26	10	45.08
Q app/controllers/trainee_profile_controller.rb	78.95 %	36	19	15	4	1.84
Q app/controllers/challenges_controller.rb	79.20 %	387	226	179	47	5.14
Q app/controllers/users_controller.rb	80.00 %	35	20	16	4	37.15
Q features/step_definitions/view_trainee_todo_steps.rb	83.64 %	107	55	46	9	8.53
Q app/controllers/instructor_referral_controller.rb	85.71 %	36	21	18	3	3.67
Q features/step_definitions/trainee_log_tasks.rb	88.89 %	18	9	8	1	1.00
Q features/step_definitions/instructor_referral_steps.rb	91.30 %	85	46	42	4	1.57
Q features/step_definitions/forgot_password_steps.rb	92.31 %	80	39	36	3	1.41
Q features/step_definitions/login_steps.rb	93.10 %	56	29	27	2	3.21
Q features/step_definitions/todo_list_steps.rb	93.26 %	148	89	83	6	3.15
Q features/step_definitions/trainee_signup_steps.rb	93.33 %	61	30	28	2	1.43