Iteration 1

Group 12

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Iteration Plan

USER STORIES AND ACCEPTANCE TESTS

User Story 1

Story

ID	US:1 (6 hours estimation)
As A	Student
I Want	To be able to login to the course website
So That	I can view and register for the new course

Acceptance Tests

ID	AT:1.1 (3 hours estimation)
Given	The app is in "testing" mode
When	The student opens the course registration app
Then	The app displays user id, password text fields, and login button

ID	AT:1.2
Given	The app is displaying user id, password text fields, and login button
When	The student enters the user id and password in appropriate text fields, then press the login button
Then	The app notifies whether the student's login information is correct or not

User Story 2

Story

ID	US:2
As A	Student
I Want	To be able to select a term
So That	I can register a course for a specific term

Acceptance Tests

ID	AT:2.1
Given	The app accepted the user's login credentials
When	A student enters his/her login credentials
Then	The app displays a button for selecting a specific term

User Story 3

Story

ID	US:3
As A	Student
I Want	To be able to check the list of offered courses
So That	I can easily view and register the courses

Acceptance Tests

ID	AT:3.1
Given	The app is displaying the "User Profile" page
When	A student presses the "Offered Courses" button
Then	The app displays the list of offered course

User Story 4

ID	US:4
As A	Student
I Want	To be able to click a button
So That	I can view my weekly schedule

Acceptance Tests

ID	AT:4.1
Given	The app displays the "User Profile"" page
When	A student presses the "Schedule" button
Then	The app displays the "Schedule" page

User Story 5

Story

ID	US:5
As A	Student
I Want	To be able to drop and register courses
So That	I can register courses I want to take and cancel the enrolment of a course

Acceptance Tests

ID	AT:5.1

Given	The app is displaying the "Course Information" page
When	A student selects the register, then press "register button
Then	The course is registered

ID	AT:6.1
Given	The app is displaying the "Course Information" page
When	The student press drop button
Then	The course is dropped

User Story 6

ID	US:7
As A	Student
I Want	To be able to get a warning and stops me from registering from a course if there is a time conflict
So That	I don't get a conflict on my schedule

Acceptance Tests

ID	AT:7.1
Given	The app displays the "Course Information" page
When	A student presses the register button after making the selection of add/drop in drop down menu
Then	The course list page will display the error message if there is time conflict

User Story 7

ID	US:8
As A	Student
I Want	To be able to logout from the application
So That	I can leave/close the application

Acceptance Tests

ID	AT:8.1
Given	we have a "logout" button in "User Profile" page
When	we press the button
Then	we will logout

Tasks

| User Story	Task(s)	Estimate	Dev Pair	Start	Expected	Status
US:1	Create Unit test for the login user story	6 hrs	Chasteen Redondo and Bin He	June 6th	June 13th	Completed
US:1	Create user ID, and password	6 hrs.	Chasteen Redondo and Bin He	June 6th	June 13th	Completed
US:1	Create Login page. (Be able to open course registration app, the app display login page)	6 hrs.	Chasteen Redondo and Bin He	June 6th	June 13th	Completed
US:2	Create Select term feature	3 hrs.	-	-	-	Dropped
US:3	Create Unit test for US:3	6 hrs.	Peter Chartier and Xiaoze Xia	June 6th	June 13th	Completed
US:3	Create the offered courses feature.	6 hrs.	Peter Chartier and Xiaoze Xia	June 6th	June 13th	Completed
US:4	Create Unit Test for US:4	12 hrs.	Chasteen Redondo and Bin He	June 11th	June 16th	Completed
US:4	Create the "Schedule" button to view the schedule	12 hrs.	Chasteen Redondo and Bin He	June 11th	June 16th	Completed
US:5	Create Unit test for drop and register function	12 hrs.	Mao Zheng and Jon MacDonald	June 6th	June 17th	Completed
US:5	Create drop and register function	12 hrs.	Mao Zheng and Jon MacDonald	June 6th	June 17th	Completed
US:6	Create Unit test to warn user with conflict of schedule	9 hrs.	Peter Chartier and Xiaoze Xia	June 11th	June 16th	Completed
US:6	Create a feature to warn user with conflict of schedule	9 hrs.	Peter Chartier and Xiaoze Xia	June 11th	June 16th	Completed
US:7	Create unit test for logout function	3 hrs.	Mao Zheng and Jon MacDonald	June 6th	June 14th	Completed
US:7	Create the logout function	3 hrs.	Mao Zheng and Jon MacDonald	June 6th	June 14th	Completed

Burndown Graph
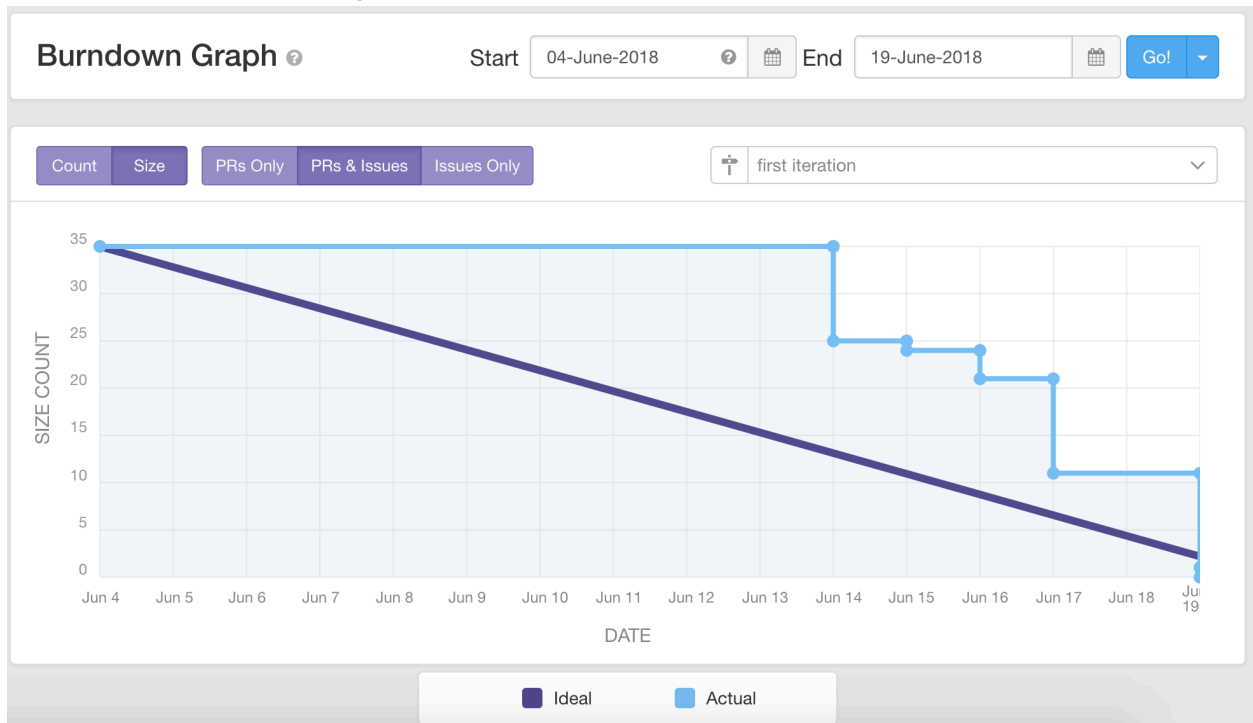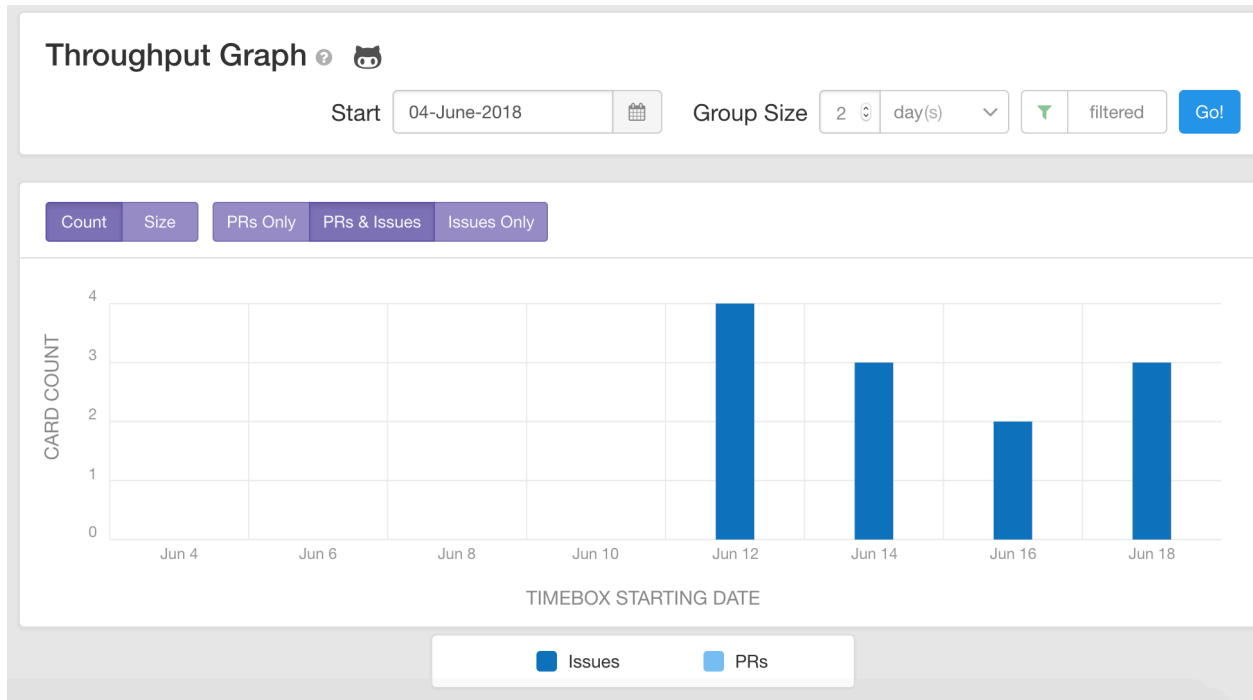
Burndown Graph ⓘ

Start [04-June-2018] ⓘ 📅 End [19-June-2018] 📅 [Go! ▼]

[Count | Size] [PRs Only | PRs & Issues | Issues Only] [🏴 first iteration ▾]

SIZE COUNT — DATE

■ Ideal ■ Actual

Velocity Chart

Throughput Graph ⓘ 🐙

Start [04-June-2018] 📅 Group Size [2 ⌄] [day(s) ▾] [🔽 filtered] [Go!]

[Count | Size] [PRs Only | PRs & Issues | Issues Only]

CARD COUNT — TIMEBOX STARTING DATE

■ Issues ■ PRs

Testing Graphs

Change branch ▾

Job Status

■ Passed ■ Failed ■ Canceled   ■ Queue time

1m

0

3s

Change branch ▾

Job Status

■ Passed ■ Failed ■ Canceled   ■ Queue time

47s

0

2s

Change branch ▾

Job Status

■ Passed ■ Failed ■ Canceled   ■ Queue time

2m

0

2s

Change branch ▾

Job Status

■ Passed ■ Failed ■ Canceled   ■ Queue time

2m

0

3s

Change branch ▾

Job Status

■ Passed ■ Failed ■ Canceled   ■ Queue time

59s

0

2s

Change branch

Job Status

Passed   Failed   Cancelled   Queue time

58s

0

2s

Change branch

Job Status

Passed   Failed   Cancelled   Queue time

2m

0

8s

Change branch

Job Status

Passed   Failed   Cancelled   Queue time

2m

0
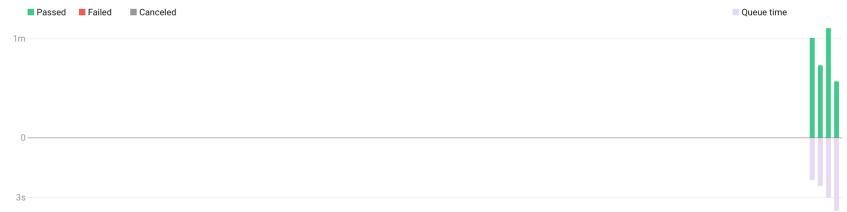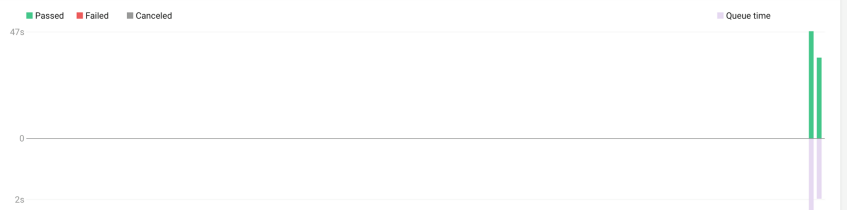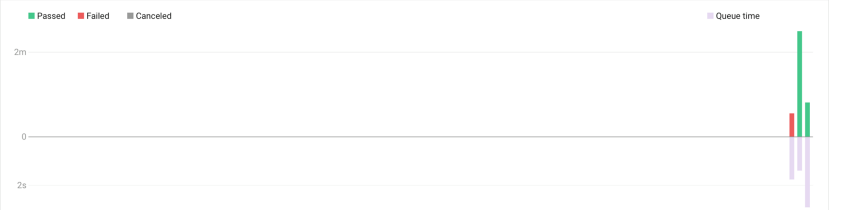
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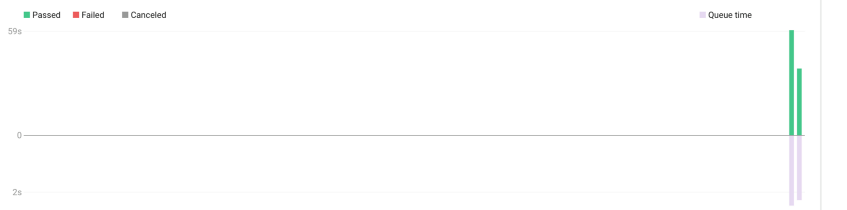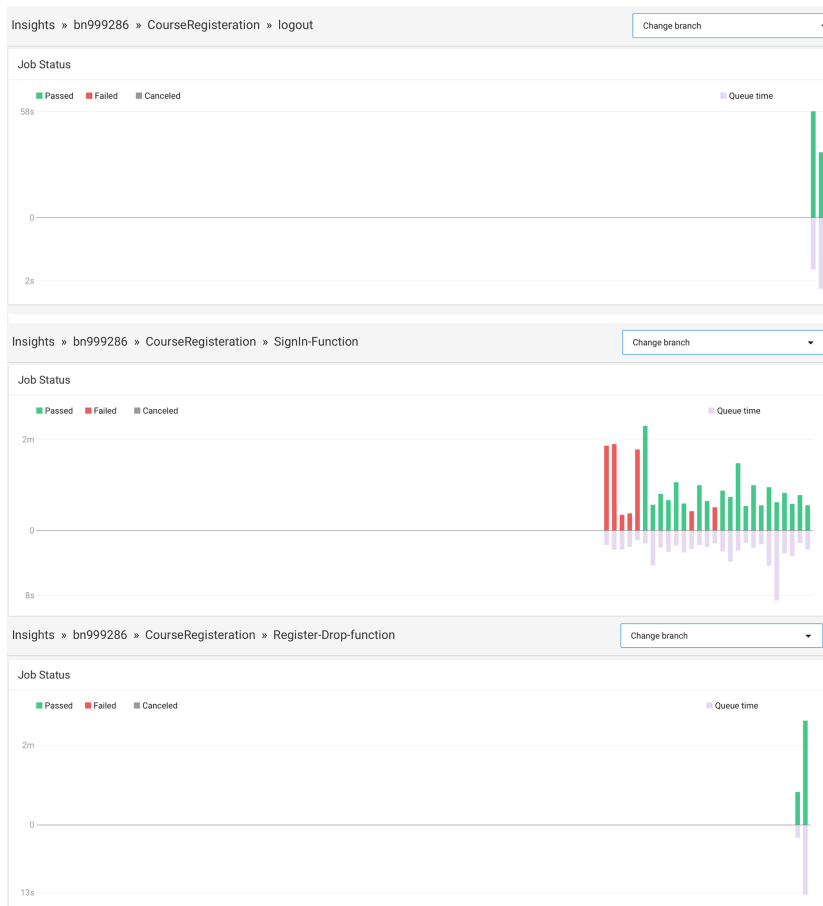
Standup Meeting Minutes

Stand Up Meeting for June 4, 2018

Attendance: Peter Chartier, Bin He, Chasteen Redondo, Mao Zheng, Jon Macdonald, Xioze Xia

TO DO:
- Finish the Acceptance Test written portion of the project
- Split into Pair for the Programming aspect for iteration 1

Stand Up Meeting for June 6, 2018

Attendance: Peter Chartier, Bin He, Chasteen Redondo, Mao Zheng, Jon Macdonald, Xioze Xia

TO DO:
- Continue finishing the Acceptance Tests
- Finish Task Estimation
- Finish Pair Programming Assignment and Task Distribution

Stand Up Meeting for June 11, 2018

Attendance: Peter Chartier, Bin He, Chasteen Redondo, Mao Zheng

DONE:
- Mao and Jon are tasked to do the logout and register/drop user story
- Peter and Xiaoze are tasked to do the offered courses and the warning for scheduling conflict.
- Chasteen and Bin are tasked to do the login page and show weekly schedule.
- Most of the functionality in progress
    o Mao and Jon started working on the Logout task and the register/drop user story
    o Peter and Xiaoze started working on the offered courses
    o Chasteen and Bin started login user story

TO DO:

- Figure out what user stories to drop
- Start creating "schedule" button to view the weekly schedule
- Start creating "offered courses" button to display offered courses page
- Start term selection option

Stand Up Meeting for June 13, 2018

Attendance: Peter Chartier, Bin He, Chasteen Redondo, Mao Zheng, Jon Macdonald, Xioze Xia

DONE:
- Dropped "Select term" user story
- Separated "register" and "drop" functionality into two user story (both 6 hrs estimation)
- Most of the functionality still in progress
- Login page is done

TO DO:
- Finish other tasks and move it to "DONE" once it's finished in waffle
    o Logout functionality
    o Register functionality
    o Drop functionality
    o Viewing weekly schedule

- Write Junit tests and espresso tests for Login page

Post Mortem Review

Issues with Development and Solutions

Although we had issues with the group most of the time, our Group worked well when motivated. So, it was possible for us to finish the first iteration even though we are not eight in group unlike other groups. Another big issue we met is the arrangement of acceptance tests since it is hard to start acceptance, so what we did it we first analyzed and predicted the process of the application and also did the design of the application at the beginning, so it was easier to see how we are implementing the application. Although when the project started progressing new ideas were thrown our way that we did not think of at first, but we have been able to get to a common big picture and work that out. Another issue is that some tasks must be done before other pair start with their task and not everybody can start at the same time, so we planned on starting with the login task first all the way to the logout task.

Goal for Upcoming Iteration

Our Goal for the upcoming iteration is to refactor and simplify the code that can be refactored and simplified, improve the user interface to be more user friendly. We are also planning to move some functions in activities by creating object classes, because for example when we coded the schedule task, we typed many conversions to convert time from string to integer, and this can actually be put in an object class of DateTime.

Links:

Github Repository: https://github.com/bn999286/CourseRegisteration

Circle-CI Repository: https://circleci.com/gh/bn999286/CourseRegisteration