

CSCI 3130

Project Iteration Two

Report

Group 6

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Iteration Plan

User Stories & Acceptance Tests

User Story 20: (Points:4, Confidence:3)

ID	US #20
AS A/AN	Student
I WANT TO	be able to vote on polls
SO	I can cast my ballot as I intend.

Acceptance Tests – User Story 20

ID	AT: 20.1
Given	We are on the last page of the election
When	After we enter the finish button
Then	Check the database that the votes incremented by one and the choices are incremented too.

ID	AT: 20.2
Given	We are on the last page of the election
When	The user decides to cancel the process and hits cancel.
Then	Check the database that the votes did not change, and the choices are not incremented.

ID	AT: 20.3
Given	We are on the last page of the election
When	The user decides to close the app.
Then	Check the database that the votes did not change, and the choices are not incremented.

User Story 5: (Points:2, Confidence:4)

ID	US #5
AS A/AN	Admin
I WANT TO	be able to see the list of elections I created
SO	I can keep track of them.

Acceptance Tests – User Story 5

ID	AT: 5.1
Given	I am on the Admin page.
When	Click the “view elections” button.

Then	The list of the election I have pops up.
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User Story 2: (Points:1, Confidence:5)

ID	US #2
AS A/AN	Admin
I WANT TO	tally the votes
SO	I can count them at the end of the elections.

Acceptance Tests – User Story 2

ID	AT: 2.1
Given	I am on the Election list/view page.
When	Click the “details” button.
Then	I am brought to the details activity.

ID	AT: 2.2
Given	I am on the election detail page.
When	Click the question “details” button (details for questions). Each question in the list has the highest selected option.
Then	I am taken to the question details page.

ID	AT: 2.3
Given	I am on the question detail page.
When	I scroll through the options on the page
Then	I observe that each option has the total number of votes on it.

User Story 22: (Points:2, Confidence:4)

ID	US #22
AS A/AN	Student
I WANT TO	view the results of different polls
SO	that I can inform myself of the opinion of others

Acceptance Tests – User Story 22

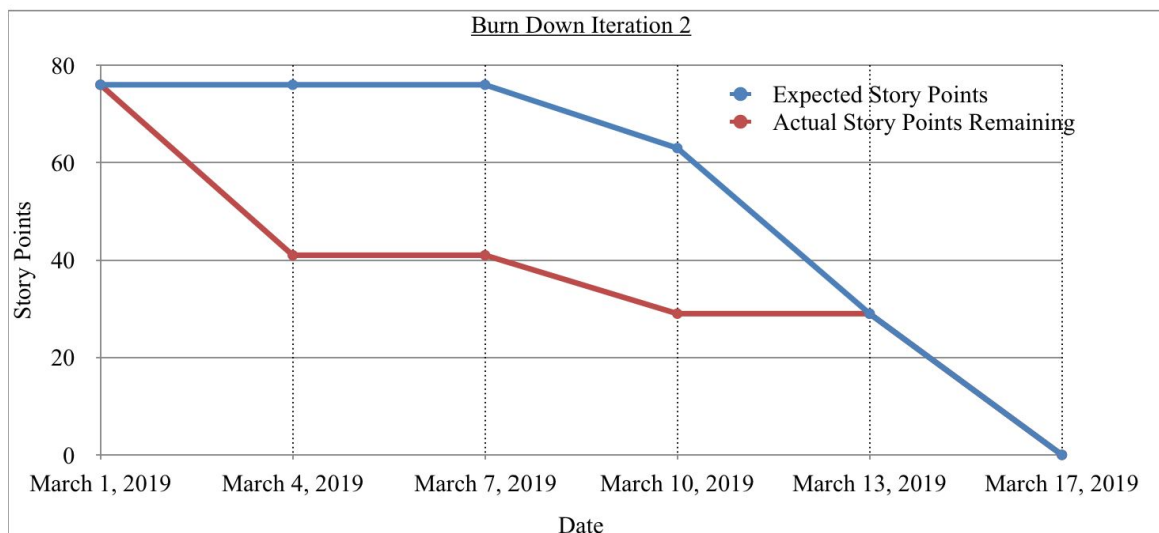
ID	AT: 22.1
Given	We are on the election list page
When	After we click the “View Results” button
Then	Populate a page with the results of a specific election

Tasks

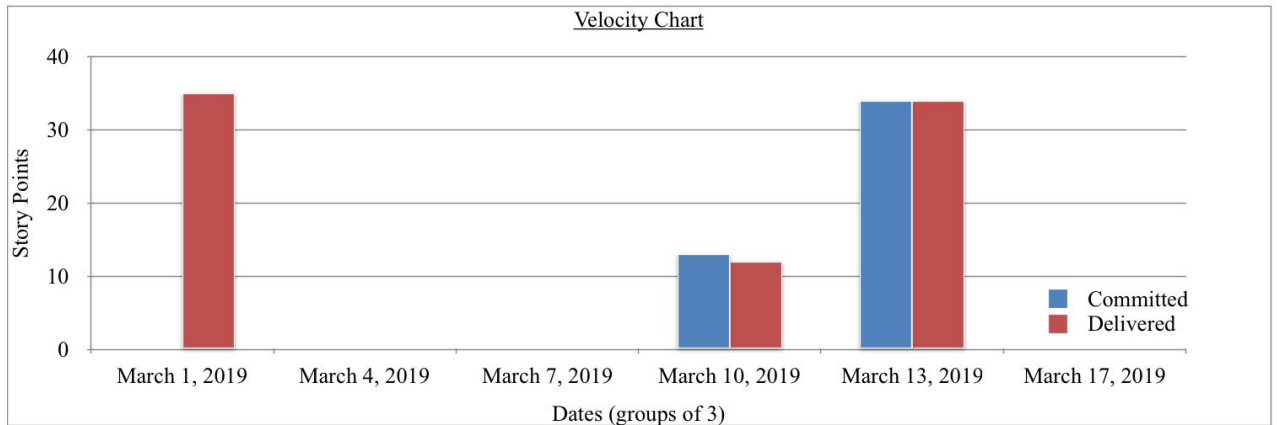
User Story	Task(s)	Estimate	Dev. Pair	Start	Expected	Status
20	Create the ballot that allows the student to vote.	4 points	Sean and Hibah Alec and Sean	2019-03-01	2019-03-17	Complete
5	Let the admin see the list of elections s/he created	2 points	Liam and Amy Aisha and Joy Sydney and Amy	2019-03-09	2019-03-05	Complete
2	Let the admin tally the votes	1 point	Liam and Alec Hibah and Aisha	2019-03-03	2019-03-17	Complete
22	Let the student see the results of different polls	2 points	Liam and Alec Hibah and Aisha Aisha and Joy Sydney and Amy	2019-03-16	2019-03-16	Complete

Progress Charts

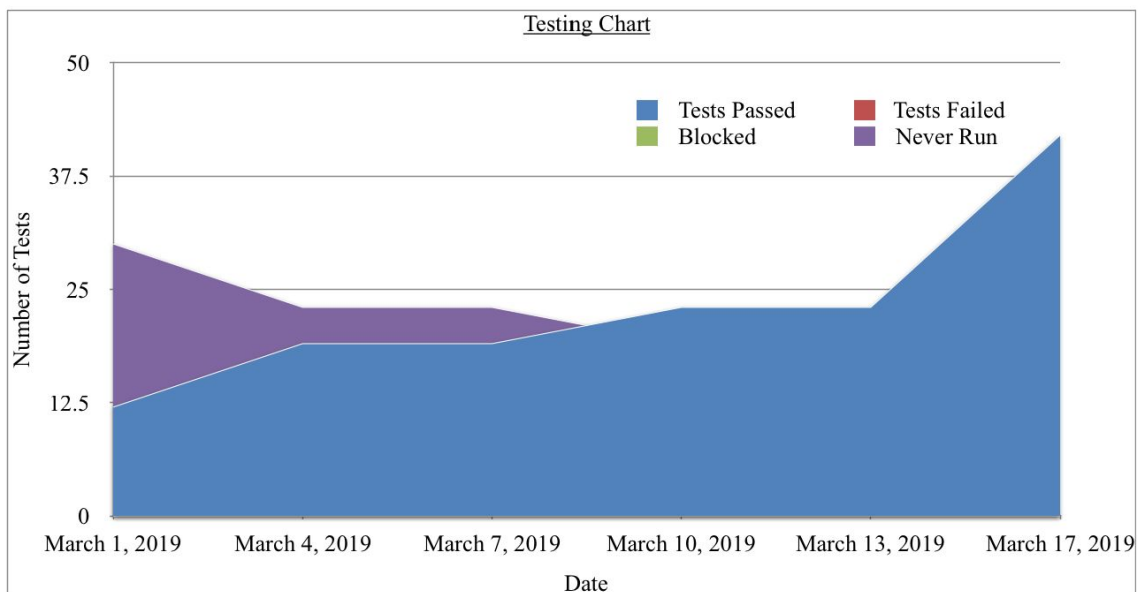
Burndown Chart



Velocity Chart



Testing Chart



Meeting Minutes

Meeting ID	5.
Date	Feb 27, 2019
Who was present	Everyone.
Previous pairs	Liam & Sean, Amy & Hibah, Sydney & Aisha, Joy & Alec
Next pairs + work to do	Hibah & Sean (User story 20, student voting system), Aisha & Joy, Sydney & Amy, (Working on the view thing), Liam & Alec (User Story 2, Tally User Story)
Time worked (Start – End)	4:00 - 5:25
Notes	We did stand up meeting and we are doing 22,5,20 and 2

Meeting ID	6.
Date	Mar 01, 2019
Who was present	Everyone except Amy.
Previous pairs	Hibah & Sean, Amy & Sydney, Joy & Aisha, Liam & Alec
Next pairs + work to do	Hibah & Sean (User story 20, student voting system), Aisha & Joy, Sydney & Amy, (Working on the view thing), Liam & Alec (User Story 2, Tally User Story)
Time worked (Start – End)	4:00 - 5:25
Notes	User story 2 done, user story 20 done (Just blocked by the view user stories).

Meeting ID	7.
Date	Mar 06, 2019
Who was present	Everyone.
Previous pairs	Hibah & Sean, Amy & Sydney, Joy & Aisha, Liam & Alec
Next pairs	Hibah & Sean, Aisha & Joy, Sydney & Amy, Liam & Alec
Time worked (Start – End)	4:00 - 5:25
Notes	We had a stand-up meeting. Liam and Alec will be working on refactoring and doing the control handlers, and then Hibah and Sean will work on that too after Liam finishes the first part. Hibah and Sean finished the acceptance tests. Aisha and Joy will work on the firestore and testing part, Sydney and Amy will work on the UI part.

Meeting ID	8.
Date	Mar 08, 2019
Who was present	Everyone except Aisha.
Previous pairs	Hibah & Sean, Amy & Sydney, Joy & Aisha, Liam & Alec
Next pairs	Liam & Amy, Hibah & Aisha, Sean & Alec, Joy & Sydney
Time worked (Start – End)	4:00 - 5:25
Notes	We had a stand-up meeting. Acceptance tests and tasks are done. Liam and Amy will be working on the Admin view. Hibah and Aisha will be working on testing the old user stories, and making sure the voting method is working. (Must include in the report: Masood agreed that we can start over with the pair rotation, we will be working as pairs - the same pairs we started with, but we didn't have any work done at the first rotation, that is why we will use old pairs again.) Liam & Sean merged the branches together.

Meeting ID	9.
Date	Mar 13, 2019
Who was present	Everyone.
Previous pairs	Liam & Amy, Hibah & Aisha, Sean & Alec, Joy & Sydney
Next pairs	Liam & Amy, Hibah & Aisha, Sean & Alec, Joy & Sydney
Time worked (Start – End)	4:00 - 5:25
Notes	We had a stand-up meeting. Admin View User story is done.

Meeting ID	10.
Date	Mar 15, 2019
Who was present	Everyone.
Previous pairs	Liam & Amy, Hibah & Aisha, Sean & Alec, Joy & Sydney
Next pairs	Liam & Amy, Hibah & Aisha, Sean & Alec, Joy & Sydney
Time worked (Start – End)	4:00 - 5:25
Notes	We had a stand-up meeting. Alec and Sean are working on student voting system, Liam and Amy are working on refactoring and doing the design, Hibah and Aisha are working on testing old user stories that were blocked, Joy and Sydney are working on student results.

Post-Mortem Review

Issues with Development

1. *Team Communication*

One of the overarching issues that we ran into this iteration was communication. Discord was selected at the beginning of the semester as our communication method, yet it is very underutilized. Most people are on it only once a week. One reason why is because it is a new mode of communication for a few of our members. Furthermore, other members are used to using it for leisure activities like playing video games as opposed to a group project. At this point, we will continue to use Discord as we are more than halfway through the semester.

2. *Scheduling Conflicts*

Some of our pairs had difficulty meeting outside of lab times, in large part due to snow days throwing us off. We can't control the weather, but we *can* do a better job of rescheduling after storms interrupt our plans.

Solutions

1. *Better Communication*

With communication being one of our biggest issues, it is important that we address it in a timely manner. We have all committed to checking Discord once every two days at a minimum. We also meet twice a week in the lab and have not been adequately using that time together. However, what usually ends up happening is that we setup our plan for the week at these meetings and then don't get to discuss our obstacles and issues we run into in person because we start doing work after them. We have also all committed to getting a heads start and ensuring that we have at least looked over our work for the week before our last meeting so we can debrief about it in person. More detailed team meetings and meeting notes is another way we can mitigate this.

2. *Increased Collaboration*

To mitigate confusion over how things work and what goes where, we have implemented a dedicated Discord channel for asking questions related to all aspects of the project. Anyone can ask for clarification and get an answer from someone who knows how to help, regardless of what pair configuration we're in, and without the questions being lost among updates and other messages in the primary channel.

Goals for Upcoming Iterations

Ultimately, our goal in the next iteration is to communicate more often and more clearly. As mentioned in the above section, we have expanded our Discord server to facilitate communication both within our pairs and across the entire group. We will also experiment with using the GitLab issues page to document tasks, user stories, and the assignment thereof, to make it clear what each person is doing in an easily accessible hub area.

Links

GitHub Repository Link: <https://git.cs.dal.ca/alammori/project>

Continuous Integration (CI) Link: <https://git.cs.dal.ca/alammori/project/pipelines>