

Team: C01 Bird Course



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Sprints

Sprint 5

Backlog

U10: As Josh, a TEQ LIP staff, I want to be able to delete data so that I can remove redundant data and keep the data clean and accurate.

Task	Short Description	Dependency	Story Point
T32.	Create frontend to display rows as well as an option to manually delete a row		3
T33.	Write backend API to delete a row		2
T34.	Integrate the frontend with the backend API	T32, T33	2

U11: As Charlie, a TEQ LIP staff, I want to be able to export the queried data into a CSV file for record keeping.

Task	Short Description	Dependency	Story Point
T35.	Add a button to save data to a csv on the frontend for querying the data.		1
T36.	Write backend API that retrieves a csv file from the data.		4
T37.	Integrate the API with the frontend	T35, T36	3

U12: As Amy an administrator at a support agency, I want to be given help throughout the system so that I can easily navigate the system.

Task	Short Description	Dependency	Story Point
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T38.	Add a 'help' option to the HTML pages		1
T39.	Write jQuery event handlers to display instructions on how to use each page	T38	3

Sprint Plan

User Story	Task	Dependencies	Story Points	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
U10	T32		3			J:3				
	T33		2					Z:2		
	T34	T32,T33	2					Z:2		
U11	T35		1	J:1						
	T36		4			A:4				
	T37		3				D:3			
U12	T38		1			M:1				
	T39		3			M:3				

Changes

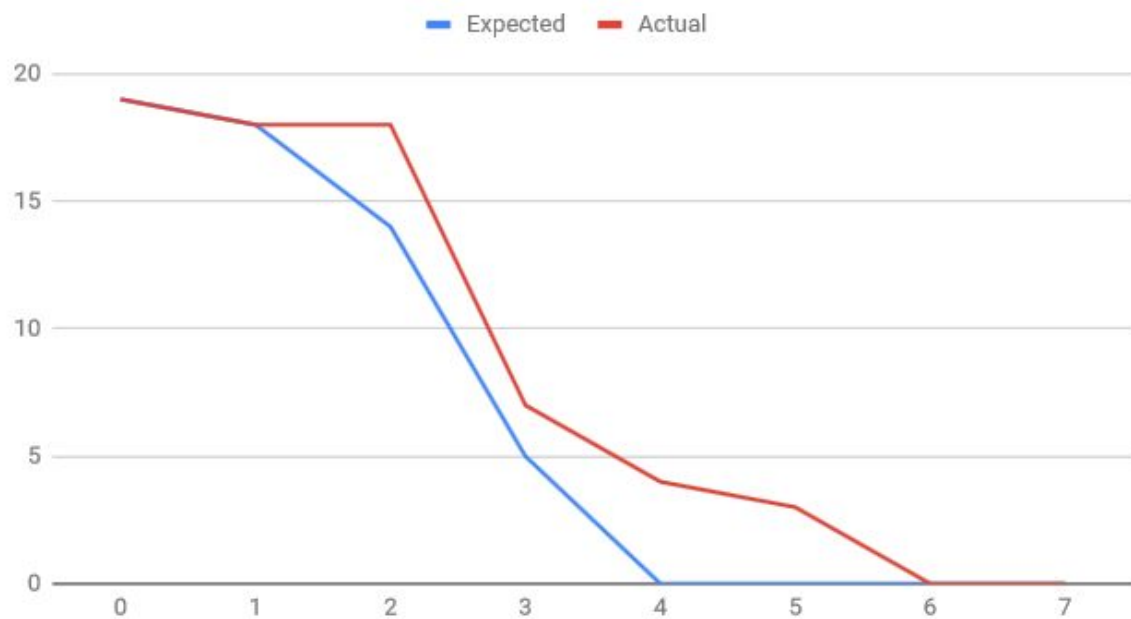
- Jonathan completed T32 on Wednesday instead of Tuesday
- Zhongyang completed T33 on Friday instead of Wednesday
- Zhongyang completed T34 on Friday instead of Thursday

Sprint Execution

User Story	Task	Dependencies	Story Points	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
U10	T32		3			J:3				
	T33		2					Z:2		
	T34	T32,T33	2					Z:2		
U11	T35		1	J:1						
	T36		4			A:4				
	T37		3				D:3			
U12	T38		1			M:1				
	T39		3			M:3				

Burndown Chart

Burndown Chart (Week 5)



Sprint 6

Backlog

U13: As Bryan, a UTSC project staff, I want to be able to see all the historical logs so that I can monitor user activity.

Task	Short Description	Dependency	Story Point
T40.	Make a frontend that lists the historical logs.		3
T41.	Modify the database to support historical logs.		2
T42.	Create an API to retrieve the historical logs.	T41	3
T43.	Integrate the API and frontend for displaying the historical logs.	T40,T42	3

U14: As Robert an employee at a support agency, I want to be able to change my account password for security reasons so that I have a different password every month to access my account securely.

Task	Short Description	Dependency	Story Point
T44.	Create a change password page		2
T45.	Create API to change the password		4
T46.	Integrate the API with the frontend	T44, T45	3

Sprint Plan

User Story	Task	Dependencies	Story Points	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
U13	T40		3			J:3				
	T41		2			J:2				
	T42	T41	3						Z:3	
	T43	T40,T42	3							M:3
U14	T44		2			D:2				
	T45		4		A:4					
	T46	T44, T45	3					D:3		

Changes

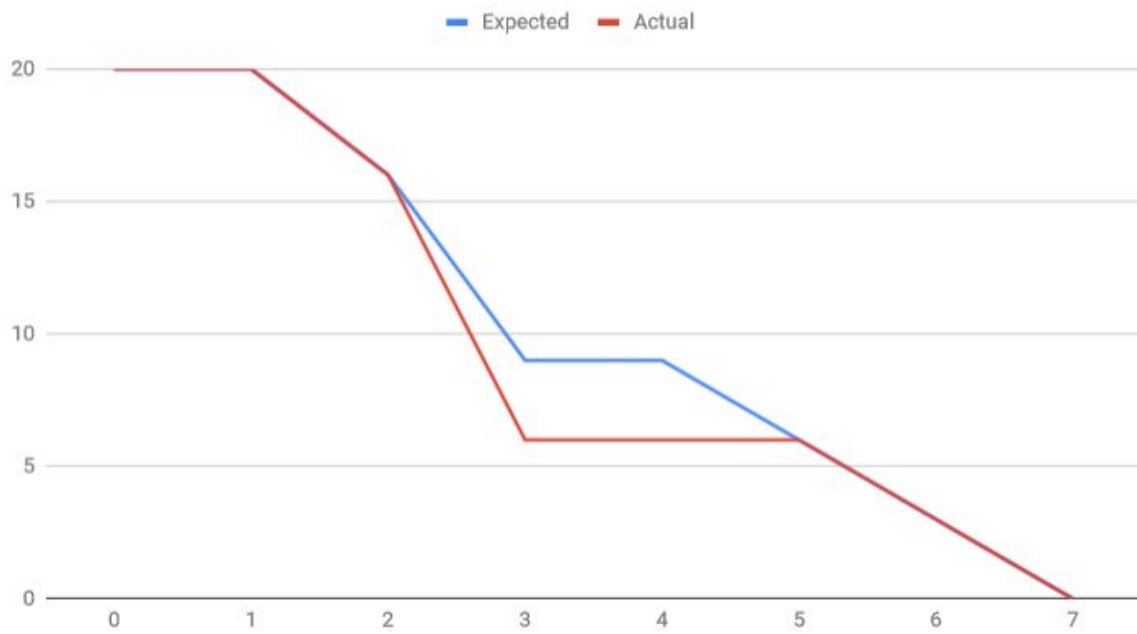
- Daniel completed T46 on Wednesday instead of Friday

Sprint Execution

User Story	Task	Dependencies	Story Points	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
U13	T40		3			J:3				
	T41		2			J:2				
	T42	T41	3						Z:3	
	T43	T40,T42	3							M:3
U14	T44		2			D:2				
	T45		4		A:4					
	T46	T44, T45	3			D:3				

Burndown Chart

Burndown Chart (Week 6)



Code Review

Code Review Strategy

Based off guideline found:

<https://www.evoketechnologies.com/blog/code-review-checklist-perform-effective-code-reviews/>

For each file containing code (excluding HTML, CSS files):

Examine the following for each piece of code that was not written by you:

Readability - Do I understand the code?

Consistency - Is the code written consistent with the code written by me/everyone else?

Scalability - Does the code support extension?

Reusability - Is there repeated code that could be refactored?

Redundancy - Are there unnecessary lines of code or debug statements left?

Code Review Summary

General Comments

- For the HTML header (the part with Toronto East Quadrant Local Immigration Partnership) we could just include it in a header.html file and include it in each.html file instead of repeating the code -Jonathan
- Need a simple comment above each onclick function to easily identify what it does (like in script.js file) -Daniel
- Not very important, but there isn't consistency in terms of whether "" or ' should be used to denote strings. - Michelle

<u>File</u>	<u>Function Name</u>	<u>Comments</u>
user.js	changePassword	
agency.js	getPresetQueries	
agency.js	deleteRow	
navBarScript.js	\$("#pageTitle").on("click	

	k")	
navBarScript.js	\$("#helpBtn, #helpClose").on("click")	
navBarScript.js	loadHeader()	Functions are independent from \$document.ready. We can move this outside -Austin
navBarScript.js	loadHelp()	Same as loadHeader -Austin
helpScript.js	setUpMenu()	Same as loadHeader -Austin
queryscript.js	\$("#button[class=filterOptions]").on("click")	Maybe add a comment explaining the purpose of this event handler - Jonathan Html button class "columnNamesList" should be "columnNamesList" - Jonathan
queryscript.js	\$("#queryInput").autocomplete	Is it necessary for this to be in a function? - Jonathan
queryscript.js	\$("#button#addFilterButton").on("click")	
queryscript.js	\$("#button#clearFilterButton").on("click")	
queryscript.js	\$("#ol#selectable").on("click", "button.columnNamesList")	See above, column should be column - Jonathan Use double quote to keep consistency with rest of code-Daniel
queryscript.js	\$("#button#savePopupButton").on("click")	
queryscript.js	\$("#closePopup").on("click")	Maybe aggregate this handler with the next 2 as they perform the same task (ie. repeated code) -Jonathan
queryscript.js	\$("#button#cancelSaveButton").on("click")	See above - Jonathan
queryscript.js	\$("#button#saveQueryButton").on("click")	See above - Jonathan
queryscript.js	\$("#button#applyFilterButton").on("click")	
queryscript.js	\$("#savedQuerySelect").change()	Same use " "

queryscript.js	\$("#button#exportToCSVButton").on("click")	We don't need the else clause here if you want to reduce tabbing. -Austin
queryscript.js	filterDataSetup(localAgencyData)	
queryscript.js	loadFilterButtons()	
queryscript.js	updateSelectedFilters(filters)	Missing semicolon in the last line of the function, I don't think it will break anything but it still should be there. -Michelle
queryscript.js	generateColumns(data, localAgencyData)	This function is kind of long. Can we make table_dom.on(click...) its own function? -Austin All the data is being added as a header, it should be a row. -Michelle
queryscript.js	applySavedQueries()	
queryscript.js	objToCsv(obj)	Multiple return statements - Jonathan
queryscript.js	downloadCSVFile(csv)	

Decisions and Changes

- Refactored most of navBarScript.js and queryscript.js putting non-independent code sections outside of functions.
- Added additional comments indicating what event handlers do
- Renamed incorrectly spelled class names
- Removed redundant function headers
- Aggregated similar functions to promote code reuse
- Reworked if statement blocks in queryscript.js to make it more readable
- Queryscript.js adds data to HTML table as table data now instead of table headers
- Removed unneeded HTML header