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# Sprint 4 Report

Sprint Backlog



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## Product Backlog

There were some changes made to the personas and user stories this sprint. The main changes were the removal of two out of the three TEQLIP project staff personas and the addition of a user story that involves a TEQLIP user being able to export queried data as a .csv file. The reason for these changes is that in our application, all TEQLIP users can perform the same functions, and prior to generating a report, a user may want to view the data in another application such as Excel rather than in the GUI. Full changes can be found in the changelogs.

All versions of our personas and user stories can be found in the **Team7** repository in the **product\_backlog** folder.

For live updates of our product backlog, our Trello board can be found at:

<https://trello.com/b/mjnsukwg/project>

## Tasks

**Task: 22 ----- Story Points: 3----- Dependencies: None**

Write unit tests for functions that involve inserting into database.

**Task: 23 ----- Story Points: 2----- Dependencies: None**

Create GUI for an organization user to upload their data.

**Task: 24 ----- Story Points: 8----- Dependencies: None**

Set up the class and framework for reading from Excel files.

**Task: 25 ----- Story Points: 4----- Dependencies: Task 24**

Create a screen for a UTSC user to view all data.

**Task: 26 ----- Story Points: 2----- Dependencies: None**

Create GUI for a TEQLIP user to query on the data, queries can be written or be selected from saved queries. Once query is executed, table should be shown. Users also have the option to save queries.

**Task: 27 ----- Story Points: 4----- Dependencies: None**

Create functions to save queries to the database and retrieve saved queries from the database.

**Task: 28 ----- Story Points: 2----- Dependencies: Task 26**

Link the query GUI to the database to display all the correct data in the table when the query is executed.

**Task: 29 ----- Story Points: 2----- Dependencies: None**

Given a query, export the resulting data to a .csv file.

**Task: 30 ----- Story Points: 3----- Dependencies: None**

Create GUI for a user to change their password.

**Task: 31 ----- Story Points: 1----- Dependencies: None**

Write a function that updates a user's password in the database.

**Task: 32 ----- Story Points: 2----- Dependencies: None**

Write a step-by-step guide on how to an organization user can upload their data.

## Plan

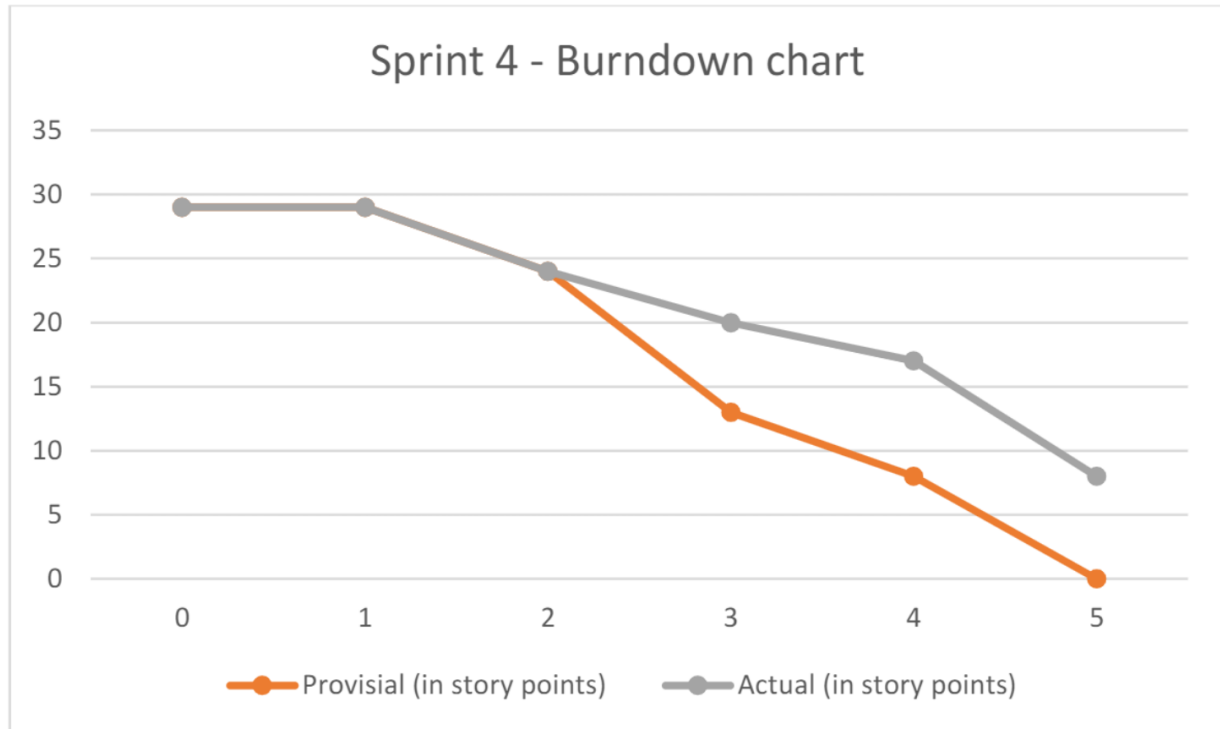
User Stories	Tasks	Dependency	Story Points	1	2	3	4	5
3	22		3		sherry:3			
4	23		2		andrew:2			
4	24		8		anthony:2	anthony:2	anthony:2	anthony:2
5	25	T24	4					
6	26		2			andrew:2		
8	27		4			sean:4		
6	28	T26	2				andrew:2	
9	29		2			sherry:2		
17	30		3			eric:3		
17	31		1				sherry:1	
18	32		2				eric:2	

## Execution

User Stories	Tasks	Dependency	Story Points	1	2	3	4	5
3	22		3		sherry:3			
4	23		2		andrew:2			
4	24		8			anthony:2	anthony:2	anthony:2
5	25	T24	4					
6	26		2			andrew:2		
8	27		4				sean:2	sean:2
6	28	T26	2					andrew:2
9	29		2			sherry:2		
17	30		3				eric:3	
17	31		1					sherry:1
18	32		2					eric:2

## Burndown

Days	0	1	2	3	4	5
Provisial (in story points)	29	29	24	13	8	0
Actual (in story points)	29	29	24	20	17	8



## Summary

With the project nearing its end, we've decided to increase the amount of story points we burn per week from 26 to 29. This sprint, most of the planned tasks were completed other than task 24 due to Anthony starting on it later than originally planned.