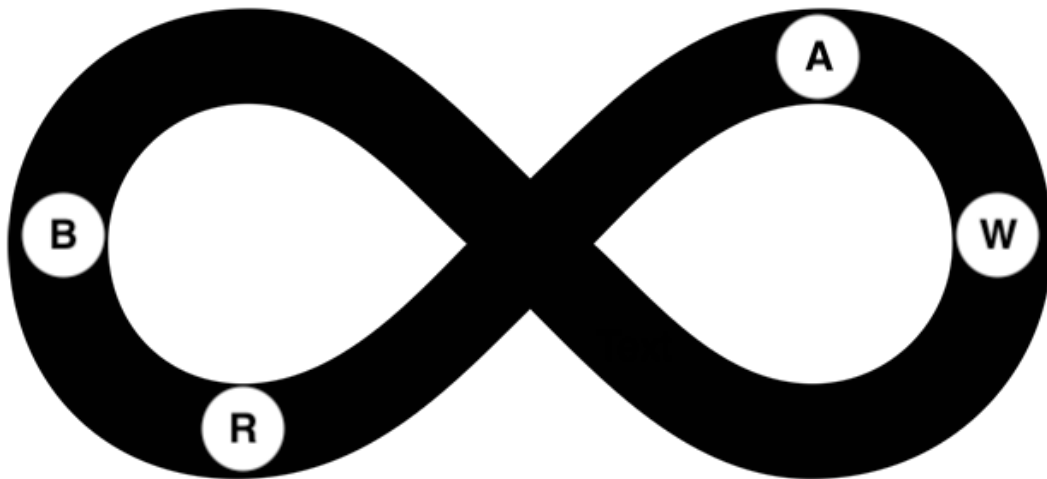


*Sprint Three Backlog*

**TEAM**

**BRAW**

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**"Infinite Possibilities with BRAW"**

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## User Story 2 Tasks

### 11. Connect JSON generation with button

- Story Points: 3
- Dependencies: 9, 10
- Description: Result should allow a button to create reports in JSON. Reports will be made to HTML and not PDF, this is why this task is important.

## User Story 3 Tasks

As Ivanka Tary, an employee of TEQ, I want to be able to generate specific reports using a graphical user interface, so that I can specify the data columns that will be used in the report

- Using a generalized checkbox to automatically add/remove columns the employee wants to include in report or graph

### 12. Create a class that contains all specifications of the graphs the user wants to generate

- Story Points: 3
- Dependencies: None
- Description: All graphs will be Year to Count. Info will be held in list of <ChartSpecs> in main:
  - Titles - main title, axis titles
  - Data sets - Entry of columns Map<specificEntry, column>
  - Graph or Not - Boolean (to display a graph or just a chart)

### 13. Create new section in GUI that displays a list of all graphs to be generated, as well as allows us to add/remove; also a GUI that displays what is needed in the report to be added

- Story Points: 3
- Dependencies:
- Description: Shows a list of all graphs to be generated( showing their titles). Graphs should be created in such a manner that users will see the following when **adding** new graphs or **modifying** existing graphs:
  - Input main title, x title, y title
  - Radio buttons for deciding whether to graph or not
  - Dropdown selecting the type of graph (trend or distribution).
    - If **distribution** is selected (**focus on this one for now**):
      - Dropdown of all available columns
      - Dropdown for style of graph (line or bar)
    - If **trend** is selected:
      - List of column entries to graph
      - Dropdown of all available columns
      - Dropdown of all available entries within the selected column

## User Story 4 Tasks

As an Ivanka Tary, an employee of TEQ, I would like to select a range of data to generate a report from, so that I can identify trends within more specific sample sets

- Eg. data from only 2017, data from only organizations providing employment-related services, etc...

14. Create functionality to select a range of years

- Story Points: 1
- Dependencies:
- Description: eg. take in a list, or a range

15. Create functionality to select a range of years accessible from GUI

- Story Points: 1
- Dependencies: 14
- Description: eg. take in a list, or a range

## User Story 5 Tasks

As Donald Tum, an employee of TEQ, I would like to make Bar graphs, line graphs, etc...

16. Implement methods to use chartJS library to generate graphs

- Story Points: 3
- Dependencies:
- Description:

17. Implement functionality to generate a html page containing graphs

- Story Points: 1
- Dependencies:
- Description:

18. Connect above tasks to generate report button

- Story Points: 1
- Dependencies: 16,17
- Description:

## Sprint Plan

User Story	Tasks	Dependencies	User Points	Day 1	Day 2	Day 3	Day 4	Day 5
2	11	9, 10	3	R:3				
3	12		3				W:3	
3	13		3				A:3	
4	14		1				R:1	
5	15	14	1					R:1
5	16		3				B:3	
5	17		1					B:1
5	18	16, 17	1				W:1	

## Sprint Report

User Story	Tasks	Dependencies	User Points	Day 1	Day 2	Day 3	Day 4	Day 5
2	11	9, 10	3	R:3				
3	12		3		W:1		W:2	
3	13		3					A:5
4	14		1					
5	15	14	1					
5	16		3				B:3	
5	17		1					B:4
5	18	16, 17	1				W:1	

# Burndown Chart

	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5
Provisional	16	13	13	13	2	0
Execution	16	16	16	16	9	8

