

WEBSITE: COVID19 IMPACTS ON YORK FACULTY AND STAFF

Website: <https://www.yorkuovid19research.ca/#top-anchor>

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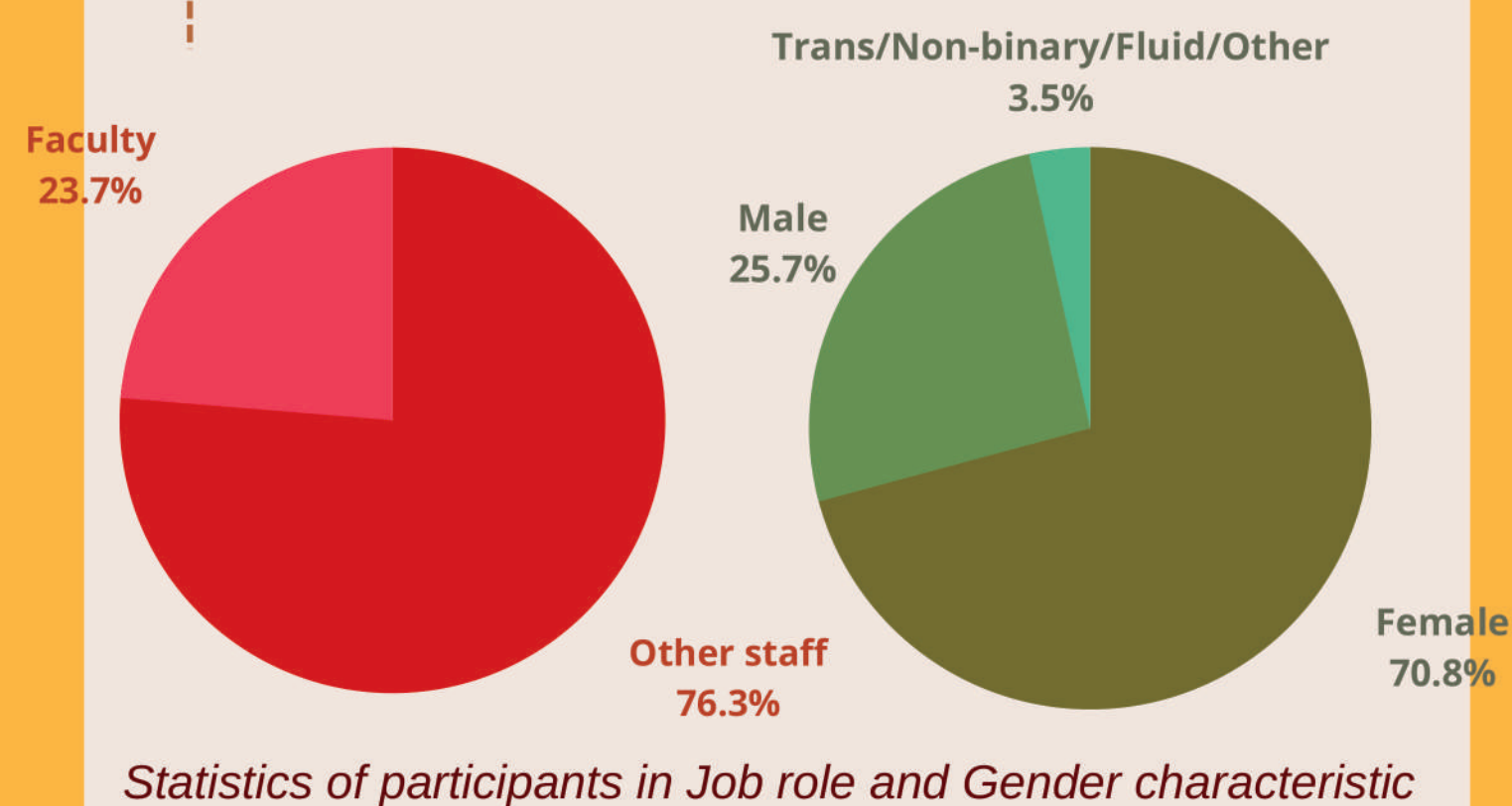
Project Supervisor: Kelly Pike

Introduction

- Research examines the disproportionate impacts of COVID-19 on different characteristic.

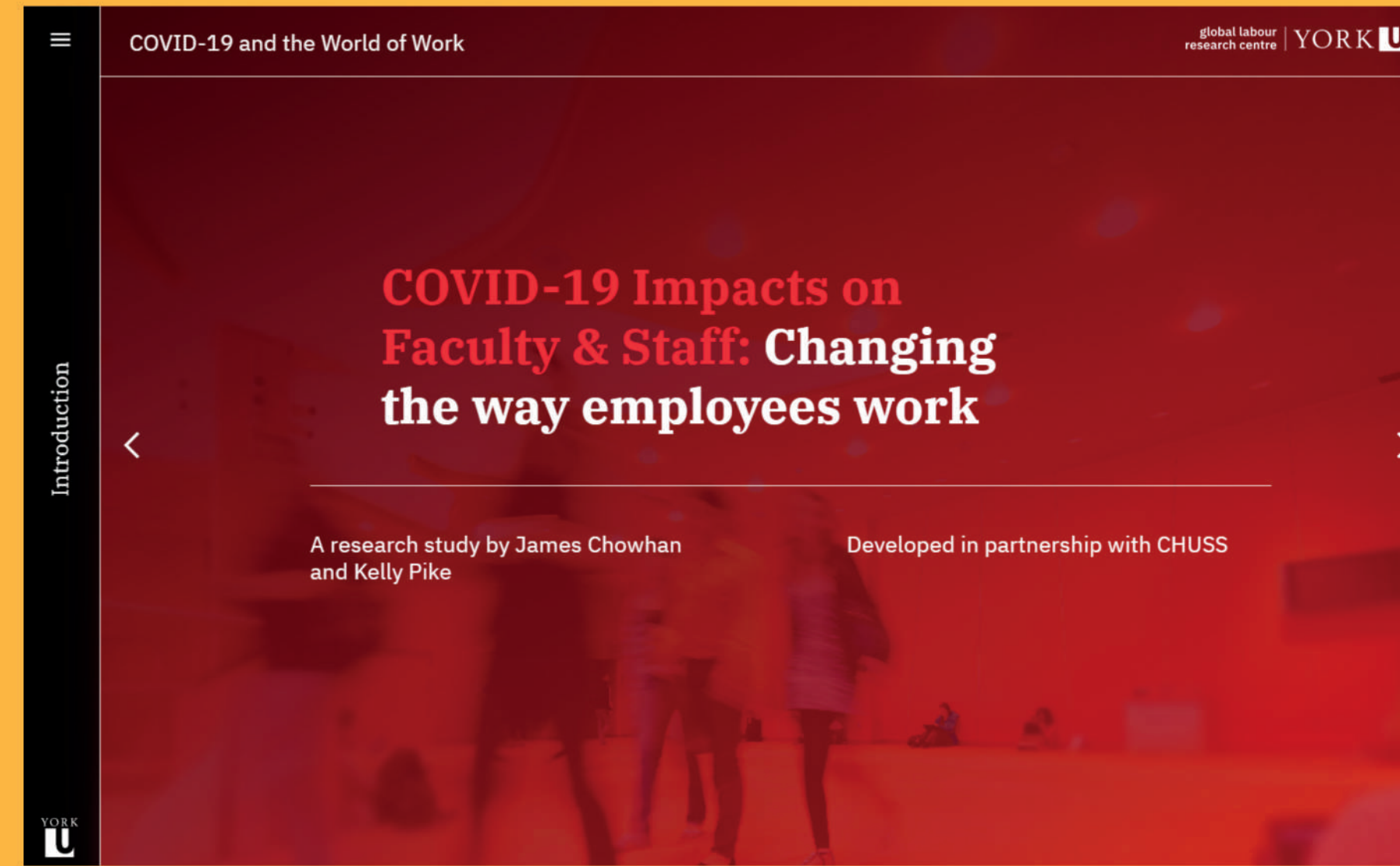
The study has two waves:

- Wave 1: recognized a sudden rise in difficulties for York's staff.
- Wave 2: A survey was distributed to 1322 respondents in 2022.
- This poster focuses on the website that showcases the project results.



Website Background

- Website was created by Sean Reibling in 2021 as part of DARE.
- Purpose: exhibit the outstanding data in visualized forms.
- Content: Two short reports focused on "Job role" and "Gender" characteristics. The questions were selected to put emphasis on fundamental work arrangements.



The website's front page, updated in 2022

Website Review

Wave 1's website usability is reviewed with Heuristics Evaluation (Nielsen, 1994)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Visible status | <input checked="" type="checkbox"/> Recognition |
| <input checked="" type="checkbox"/> Mapping | <input checked="" type="checkbox"/> Flexibility |
| <input type="checkbox"/> User control | <input checked="" type="checkbox"/> Aesthetic design |
| <input checked="" type="checkbox"/> Consistency | <input type="checkbox"/> Errors overcome |
| <input checked="" type="checkbox"/> Error prevention | <input type="checkbox"/> Documentation |

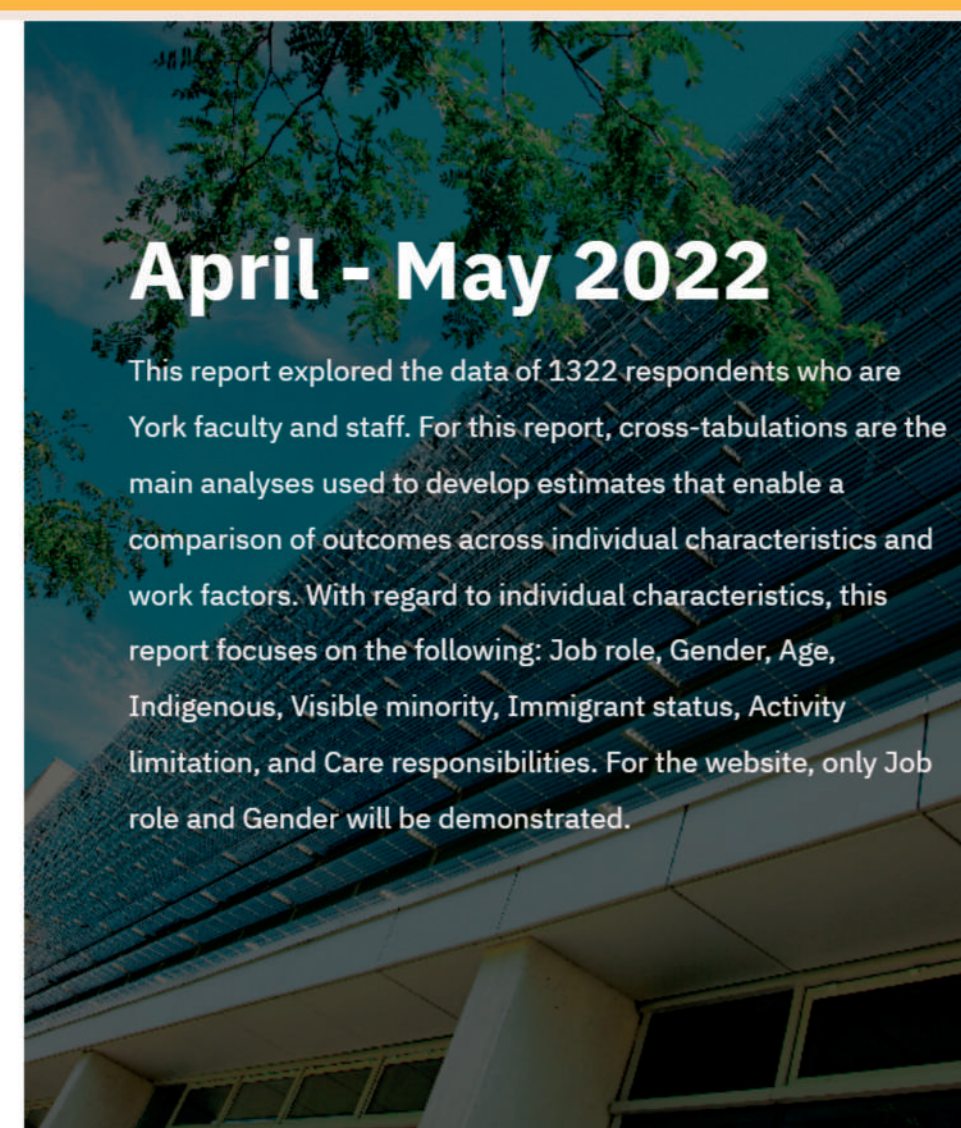
Wave 2's targets:

- Publish perceivable contents of the study
- Resolve user control
- Improve consistency and responsiveness

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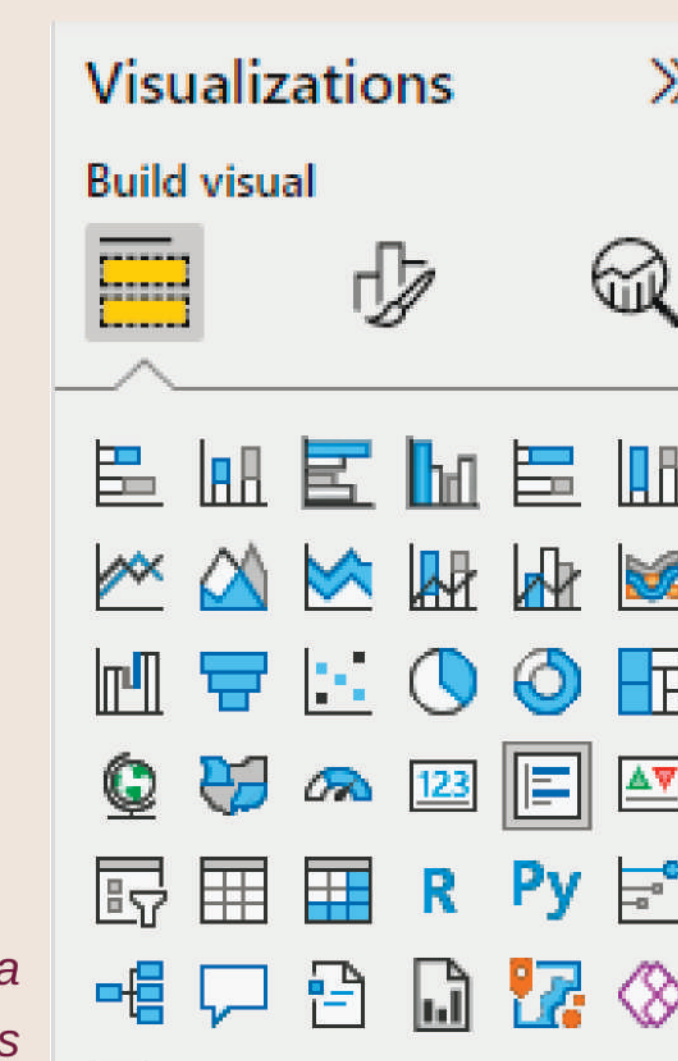
Wave 1	Wave 2
00	
01	
02	
03	
04	
05	

Section 1 to 5 present the targetted work factors - main questions of the study

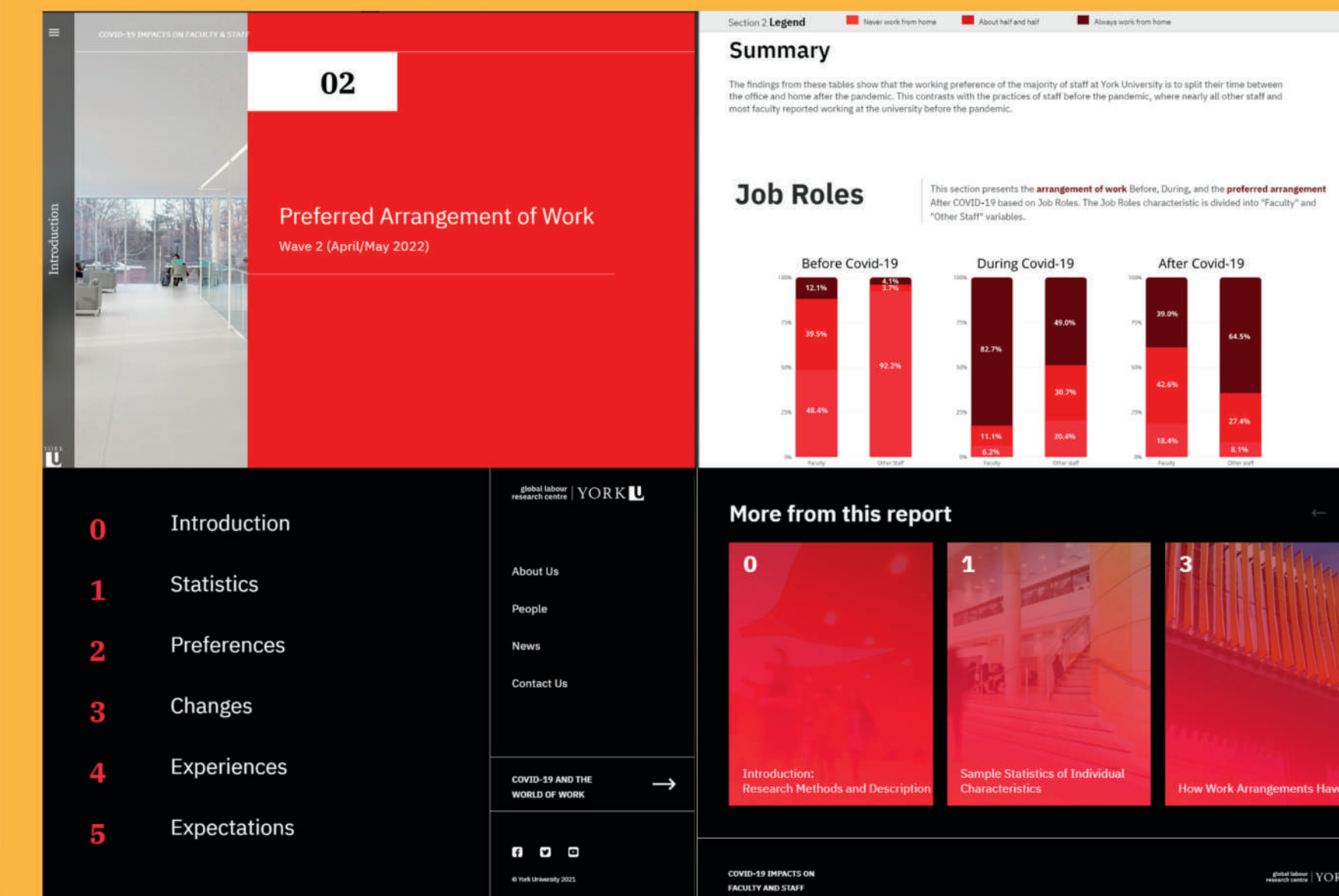


Data Visualization

- MS Excel: convert data logs into tables before visualizing them.
- Power BI: explore the suitable visuals for data presentation.
- Canva: generate data tables into charts. Website-friendly and flexible.



Power BI's variety of data visual choices



Screenshots of some website sections

Web Building

- Hosted on Webflow website builder
- Arrange data visuals in visible order
- Advance interactive pieces for user control
- Organize element list for future update

Issues:

- Modify elements may cause unwanted changes in another web sections
- Difficult to make responsive design due to inconsistent sizing units

Branding

- The project is based in York University, hence the website follows York brand standards for color palette, logo and photos.

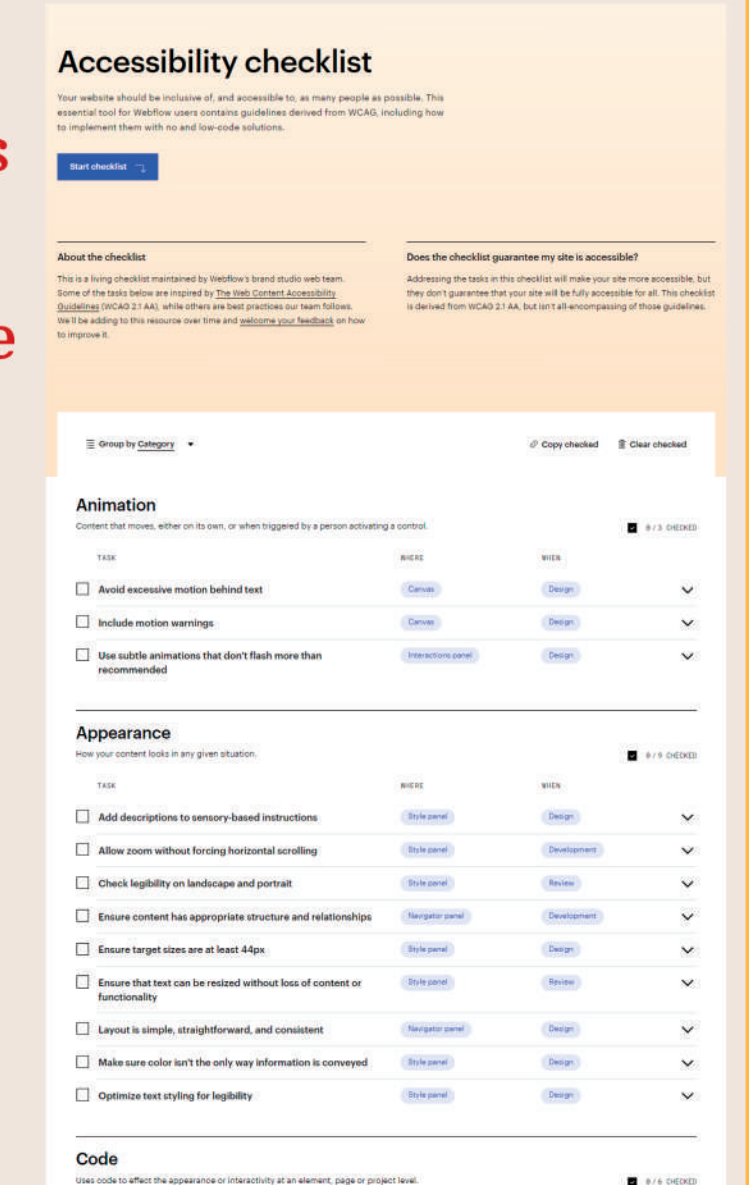


Color palette of the website

Conclusion & Potential Areas

- The project is in its final stage. The website design has completed 2/3 of its goals. We plan to publish a waves comparison page later on. Data logs for comparable outputs have been generated.

- Accessibility feature: Factors to improve accessibility are being studied. This feature ensures the inclusion for people with disabilities and improves user experience.



Webflow's accessibility checklist

References

- Nielsen, J. (1994, April 24). 10 usability heuristics for user interface design. Nielsen Norman Group. <https://www.nngroup.com/articles/ten-usability-heuristics/>
- York University. (2020, December). York University Brand Standards.