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### Development of an Assistive App on Girls Who Code

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# Development of an Assistive App on Girls Who Code

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## ABSTRACT

This research project involves using the software development and programming tools, lessons, and tutorials on the Girls Who Code website to develop an App for Social Good such as assisting a person with a disability.

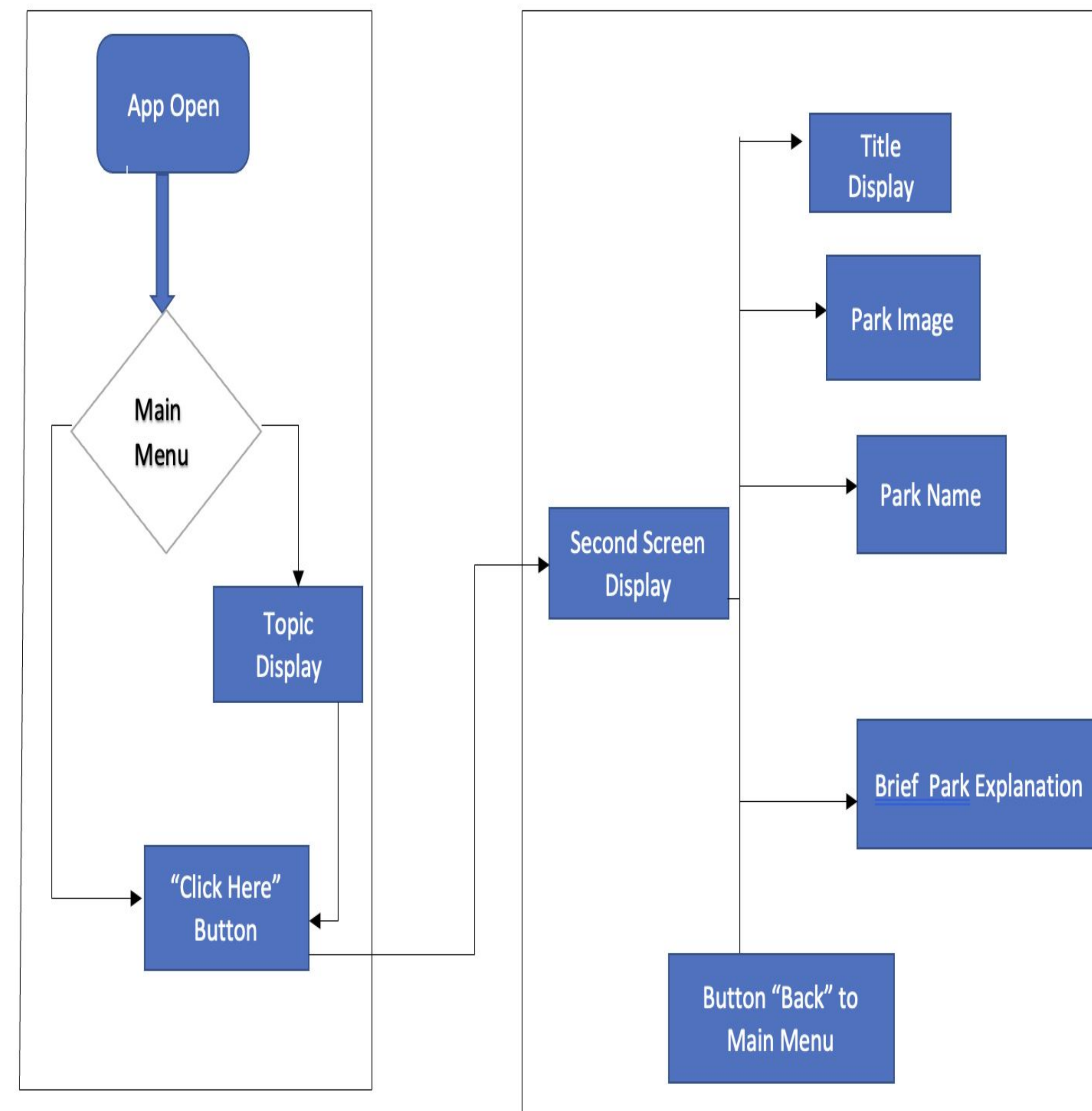
## INTRODUCTION

Most Families are out in the public now that the pandemic has ended. To promote the enjoyment and well-being of children with special needs, park resources are made more accessible. My project involves Flutter, Kotlin, iOS, Android and Swift to develop an App for Social Good such as assisting children by providing information about inclusive playgrounds for kids with special needs in New York.

## METHODOLOGY

- Researched different features including lessons, and tutorials on the Girls Who Code website.
- Flutter, Kotlin, iOS, Android, and Swift were used to create a social good app that supported children by providing information on accessible playgrounds for children with special needs in New York.
- Researched New York City parks, locations and facilities information for comparison and evaluation.
- Ten accessible playgrounds for children with special needs were included.
- "SpecialNeeds&Park," a mobile application, was developed.

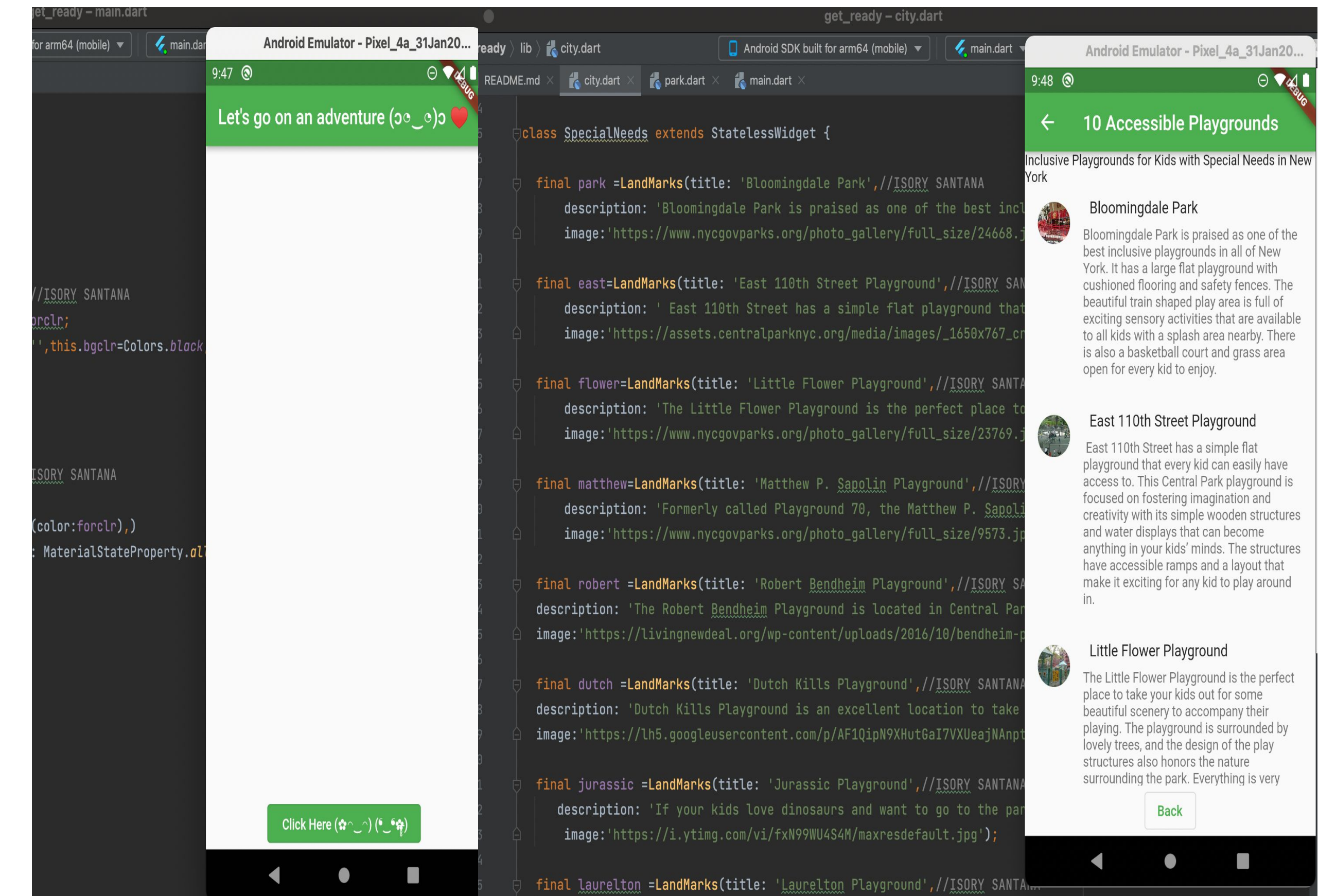
## DIAGRAMS



## ACKNOWLEDGEMENTS

- Emerging Scholars Program 2022 Spring
- Computer Systems - BTECH
- Computer Engineering Technology Dept.
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## SAMPLE CODE



## CONCLUSION

This application provides information about 10 accessible playgrounds for special needs children where your children may have fun in the sun. All of these playgrounds have aspects that are suitable for youngsters of all abilities. They incorporate safety features to help avoid injuries and guarantee that everyone enjoys their holiday. Their play structures will spark your child's creativity while also giving a fun activity that allows them to be themselves and run about freely.

## REFERENCES

- <https://hq.girlswhocode.com>
- Workshop: Writing Abstracts for Research Projects with Profs. Berger and Leonard.
- <https://www.newyorkfamily.com/inclusive-playgrounds-kids-special-needs-new-york/>