

# Project Name (Akan Name Generator)

## Target Skills

In this project, you are required to create a dynamic and responsive website where a user can input their gender and date of birth, and thereafter submit to know their Akan name. The website should include form fields for user input and a section giving a brief description of the Akan culture.

## Technologies to be used.

- HTML5
- Bootstrap
- CSS
- Responsive Design
- Git
- JQuery
- Javascript
- Figma

## Resources

### 1. Html resources

- <https://www.youtube.com/watch?v=UB1O30fR-EE>
- <https://www.w3schools.com/html/>

### 2. Css resources

- <https://www.youtube.com/watch?v=yfoY53QXEnI>
- <https://www.w3schools.com/css/>

### 3. Bootstrap resources

- <https://getbootstrap.com/docs/4.3/getting-started/introduction/>
- <https://www.youtube.com/watch?v=4sosXZsdy-s>
- <https://www.w3schools.com/bootstrap/>

### 4. Akan Culture

- [https://en.wikipedia.org/wiki/Akan\\_people](https://en.wikipedia.org/wiki/Akan_people)

### 5. Javascript

- <https://www.youtube.com/watch?v=W6NZfCO5Slk&t=724s>
- <https://www.youtube.com/watch?v=hdl2bqOjy3c>
- <https://www.w3schools.com/js/>
- <https://artofmemory.com/blog/how-to-calculate-the-day-of-the-week/>
- <https://momentjs.com/>

### 6. JQuery

- <https://www.w3schools.com/jquery/>
- [https://www.youtube.com/watch?v=3nrLc\\_JOF7k](https://www.youtube.com/watch?v=3nrLc_JOF7k)

## Project Context.

The Akan community in Ghana often names children according to the day of the week they were born. The names given are as follows:

### Male

Sunday - Kwasi  
Monday - Kwadwo  
Tuesday - Kwabena  
Wednesday - Kwaku  
Thursday - Yaw  
Friday - Kofi  
Saturday - Kwame

### Female

Sunday - Akosua  
Monday - Adwoa  
Tuesday - Abenaa  
Wednesday - Akua  
Thursday - Yaa  
Friday - Afua  
Saturday - Ama

Your client wishes to have a website where users can familiarize themselves with the Akan culture and get to know their Akan name by inputting their date of birth and gender. Create a website that can take in the gender and date of birth, calculate the day of the week one was born, and output one's Akan name.

## Learning Methods

The project period is one week. You will work in pairs collaborating on GitHub. Make a GitHub repository and create feature branches to which you'll each push your codes before merging to master. Once the project is complete, host your website with GitHub pages.

Use the learning resources provided to familiarize yourself with JavaScript and jQuery fundamentals.

This project exercise is aimed at mastering the following:

Creation of mock-up designs on tools such as Proto or Figma, Design of adaptive UIs using Bootstrap, Design of dynamic websites with JavaScript and jQuery, Use of Git and GitHub as collaboration tools.

## **Performance criteria.**

The project should be well designed, very visually appealing, easy to work through, and should show a touch of creativity.

The project should have a small description on the landing page.

A user should be able to enter their birthday through a form.

A user should be able to choose their gender.

On submission of form inputs, the website should display the user's Akan name correctly based on their gender.

If you are done early enough, you can implement the following:

If the user does not enter anything in the form or if the user enters an invalid date or month, the website should raise an alert message.

## **Assessment methods.**

You will give a self-assessment stating how well you feel you've mastered concepts in mock-up creation and responsive and dynamic website design. You will present your project to the class explaining your code logic. The class will ask questions and give their feedback. You will then submit a link to your hosted site and share your GitHub repository for trainer review and assessment.

## **Deliverables(Project objectives)**

A mock-up design for your website.

A GitHub repository.

A user interface resembling your mock-up design.

A responsive user interface that adapts to different viewports.

A dynamic website that takes in inputs and gives an output on submit.

A hosted website on github pages and on your portfolio.

Happy coding!