# User Story: Implement Dice Generator

Title: Dynamic Dice Generator for Enhanced Tabletop Game Experience

As a: Tabletop game player

I want: To be able to select a type of dice from a dropdown menu and roll it virtually on the landing page.

So that: I can simulate dice rolls for various tabletop games directly on the website, enhancing my gaming experience without needing physical dice.

Description:

The webpage should feature an interactive dice generator that allows users to select from various dice types (e.g., D4, D6, D8, D10, D12, D20) using a dropdown menu. Upon selection and a button press, the dice will be 'rolled,' and the result displayed visually and numerically on the page. This functionality should be embedded seamlessly within the site's aesthetic and be intuitive enough for users of all ages.

Requirements:

Interactive Dropdown Menu: Implement a dropdown menu that allows users to select the type of dice.

Roll Button: Include a button that, when clicked, triggers the dice roll.

Result Display: Show the result of the dice roll both numerically and with a visual representation of the dice face.

Animation: Add an animation for the dice roll to enhance the visual appeal and make the roll feel more dynamic.

Accessibility: Ensure the dice generator is accessible, with clear labels and sufficient contrast for visibility.

Acceptance Criteria:

Dropdown Usability: The dropdown menu must populate with the available dice types and allow for easy selection.

Roll Functionality: Clicking the roll button must generate a random result that corresponds to the type of dice selected.

Visual Feedback: The result of the dice roll should be displayed visually in a way that mimics the physical rolling of a dice.

Correct Operation: The dice roll results must always be within the expected range for the selected dice type (e.g., 1-6 for D6).

Responsive Interaction: The feature should respond quickly to user input without noticeable lag or delays.