

CREDIT CARD REPORT

INTRODUCTION

This report is about the approach to creating a visually engaging credit card rotation effect using HTML and CSS. This effect requires logo of respective bank name logo and visa logo, chip logo and respective images on credit card making the interface more interactive. This focus will be on structuring the HTML for the credit card layout and using CSS to implement the rotation effect.

HTML STRUCTURE

The credit card will have a front-view and back-view. The front view will display information like the card number, cardholder name, and expiration date, while the back view will display the CVV. We will use <div> elements to create this structure.

- The 'container' class defines the main container for the card where the card will be displayed on the screen.
- The 'card' class is for the card itself. And the 'card-in' class is for the text inside the card to be displayed.
- The 'front-side' and 'back-side' classes represent the front view and back view of the card.
- Various elements inside the front and back views represent different parts of the credit card, such as the logo, card number, name, expiry date and CVV.

CSS STYLING

We will use CSS to style the credit card, ensuring it has a realistic look and a smooth rotation effect.

1. The 'container' class uses the perspective property to create a 3D space for the rotation effect.
2. The 'card' class is styled with dimensions, border-radius, shadow and a 3D transformative style. The 'transition' property allows for a smooth rotation effect.
3. The 'front-side' and 'back-side' classes are styled with background colors, text colors, and 'backface-visibility' property hides the back side when it is not visible.

4. The “card: hover .card-in” rule applies the rotation effect on hover, flipping the card 180 degrees.

CONCLUSION

By combining HTML for structure and CSS for styling, we have created a credit card with a rotation effect that flips to reveal view on hover. This approach provides an interaction and visually appealing way to display credit card information in web applications. Thankyou.