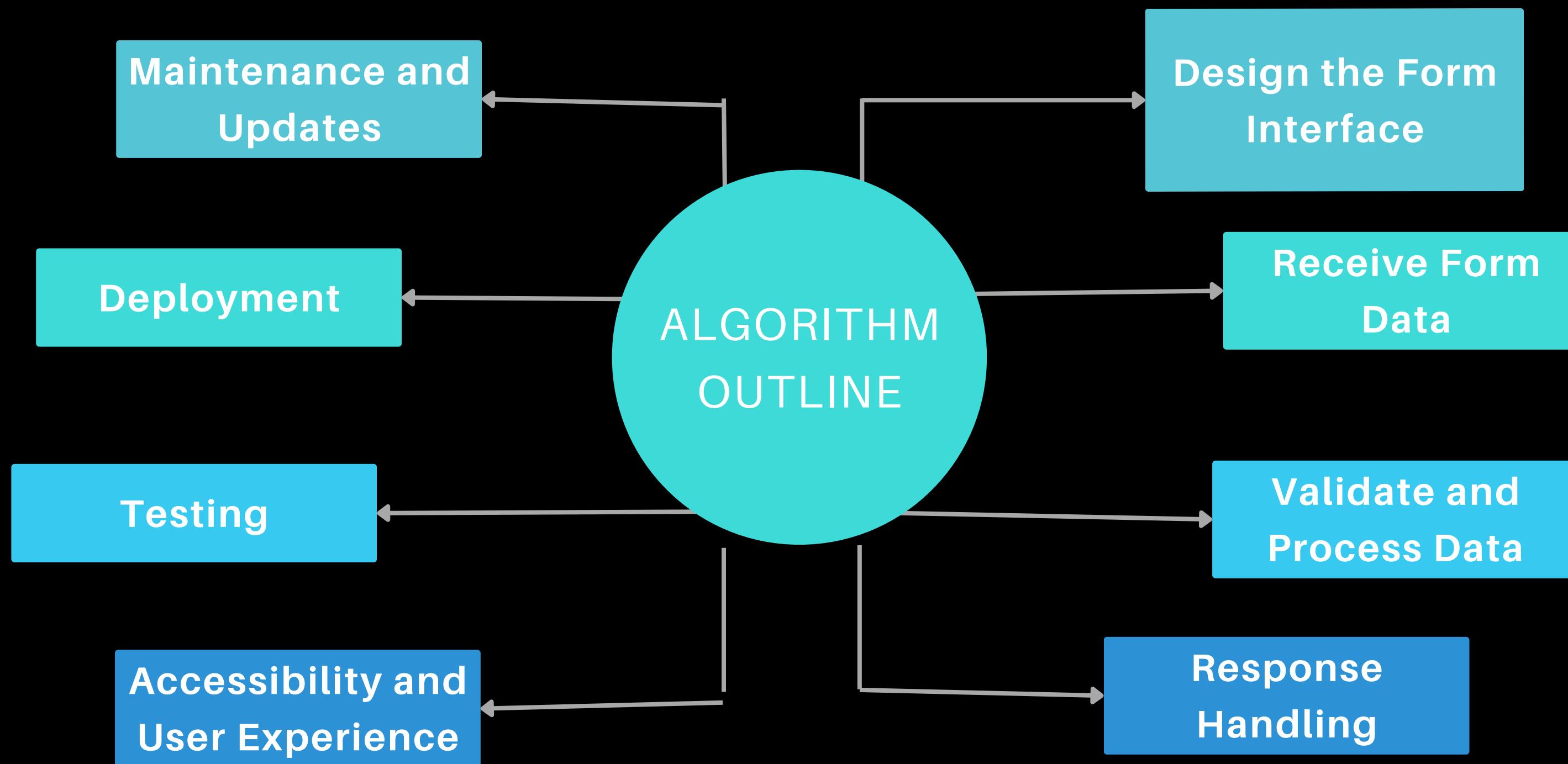
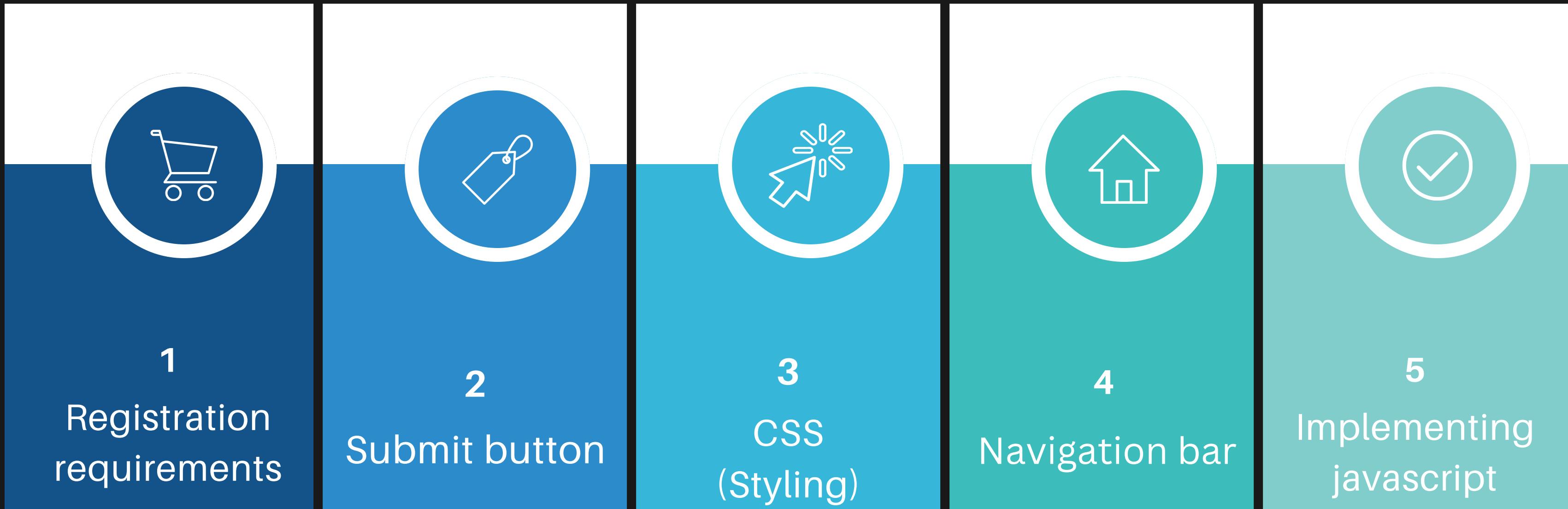


# ALGORITHM FOR REGISTRATION FORM



# REGISTRATION FORM IN HTML

5-Step Creating Process



# 1. Design the Form Interface

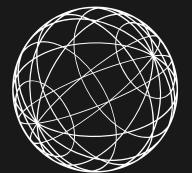
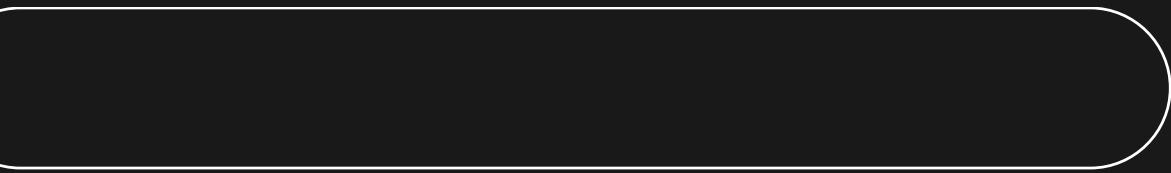
Create an HTML file to structure the form using  
`<form>`, `<input>`, `<label>`, etc.

- Collect necessary information (name, email, password, etc.) using appropriate input fields.
- Implement validation (JavaScript or HTML5) for required fields, email format, password strength, etc.

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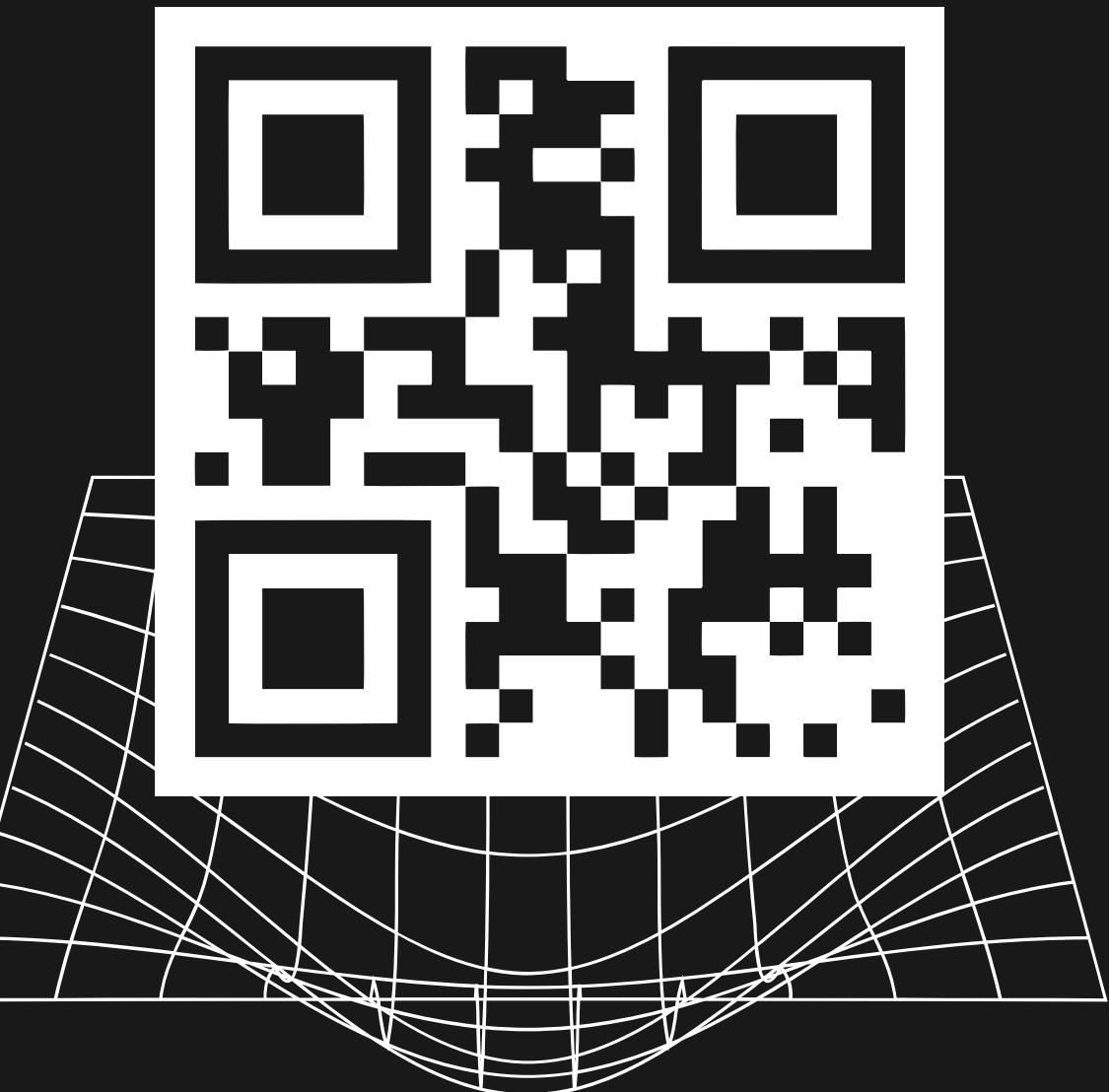
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## 3. Validate process data

- Validate the received data (e.g., check for empty fields, validate email format).
- Hash and securely store passwords using a library like bcrypt.
- Store user information in a database (MySQL, MongoDB, etc.) after sanitizing inputs to prevent SQL injection.



## 4. RESPONSE HANDLING

- Send a response back to the front-end indicating successful registration or any encountered errors
- Implement CSRF protection, input validation, and use HTTPS to secure data transmission.
- Apply rate limiting and other security practices to prevent attacks like brute force or injection.



## 5. ACCESSIBILITY AND USER EXPERIENCE

- Ensure the form is user-friendly and accessible for all users, including those with disabilities.
- This algorithm provides a general roadmap for creating a registration form, encompassing both front-end and back-end aspects

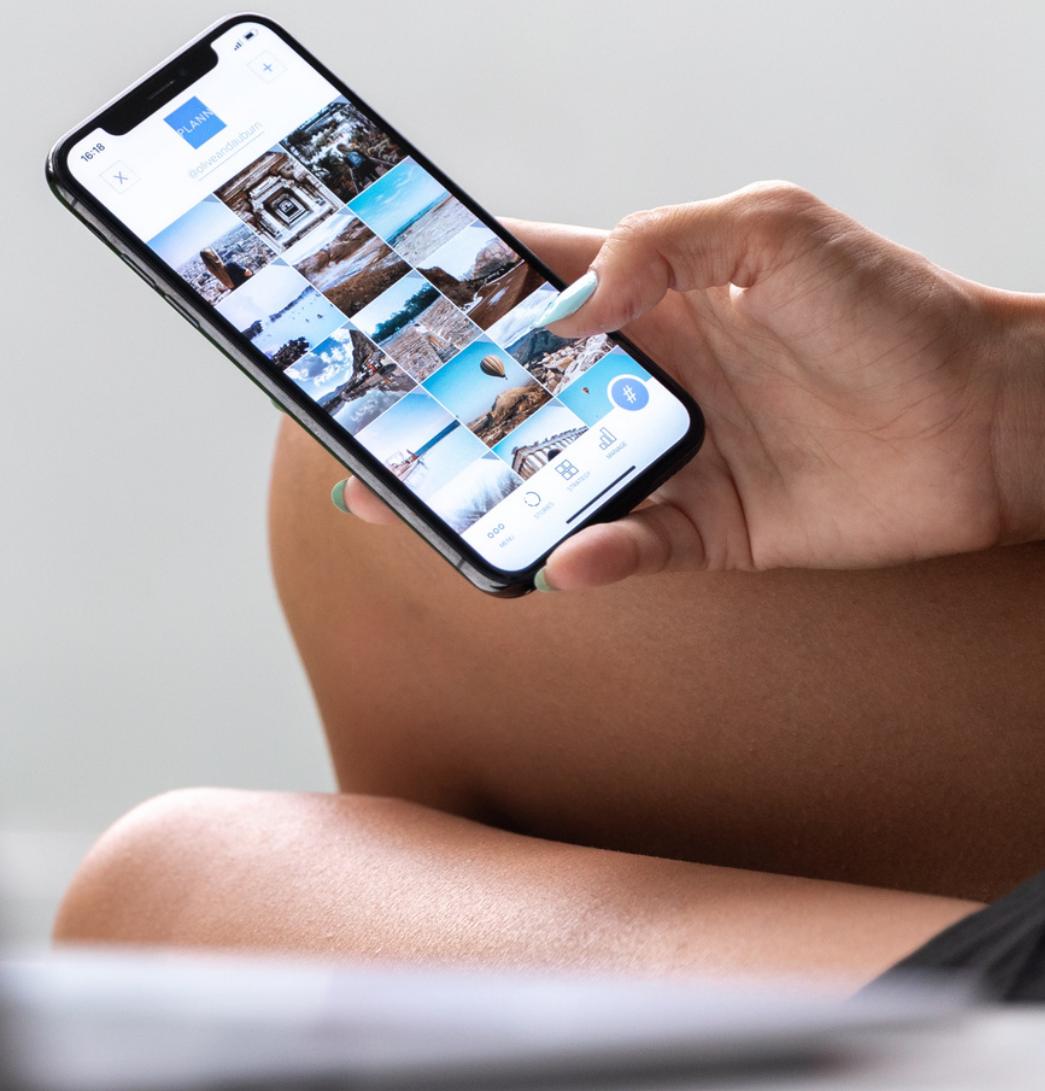
# 6. Testing

- Perform thorough testing to ensure the form functions correctly in different scenarios.
- Test for edge cases, such as long inputs, special characters, etc.



# 7. Deployment

- Deploy the form on a server, making sure all necessary dependencies and configurations are set up.
- This algorithm provides a general roadmap for creating a registration form, encompassing both front-end and back-end aspects.



## 8. Maintenance and Updates

- Regularly update and maintain the form to address security vulnerabilities and improve user experience.
- Creating a registration form typically involves front-end design and back-end functionality

- Registration form contains 4 input fields such as name,email,set password and confirm password.
- Navigating a button submit the form
- Applying CSS for styling and make the page visually appearing
- creating a navbar with the team's name
- Implementing Javascript to perform form validation
- When the form is Submitted ,it prints true if password matches or false if it's not matched

THANK YOU

