



16. Validation

Reja:

▼ Validation



Validation - foydalanuvchi tomonidan forma to'ldirilayotganda to'g'ri yoki noto'g'ri qiymat kiritilganligi haqida xabar berish



Bootstrap 5 yordamida **foydalanuvchilar** uchun foydali **validation xabarlarini** yaratish imkoniyati mavjud

```
<form class="row g-3 needs-validation" novalidate>
  <div class="col-md-4">
    <label for="first-name-input" class="form-label">Ism</label>
    <input type="text" class="form-control" id="first-name-input" value="Ulugbek" required>
    <div class="valid-feedback">
      To'g'ri to'ldirilgan!
    </div>
  </div>
  <div class="col-md-4">
    <label for="last-name-input" class="form-label">Familiya</label>
    <input type="text" class="form-control" id="last-name-input" value="Samigjonov" required>
    <div class="valid-feedback">
      To'g'ri to'ldirilgan!
    </div>
  </div>
  <div class="col-md-4">
    <label for="username-input" class="form-label">Username</label>
    <div class="input-group has-validation">
      <span class="input-group-text" id="input-group-prepend">@</span>
      <input type="text" class="form-control" id="username-input" aria-describedby="input-group-prepend" required>
      <div class="invalid-feedback">
        Iltimos username tanlang!
      </div>
    </div>
  </div>
  <div class="col-md-6">
    <label for="city-input" class="form-label">Shahar</label>
    <input type="text" class="form-control" id="city-input" required>
    <div class="invalid-feedback">
      Iltimos shaharni kiriting!
    </div>
  </div>
  <div class="col-md-3">
    <label for="district-input" class="form-label">Tuman</label>
    <select class="form-select" id="district-input" required>
      <option selected disabled value="">Tanlang...</option>
      <option>...</option>
    </select>
    <div class="invalid-feedback">
      Iltimos tumanni tanlang!
    </div>
  </div>
  <div class="col-md-3">
    <label for="zip-input" class="form-label">Pochta indeksi</label>
    <input type="text" class="form-control" id="zip-input" required>
    <div class="invalid-feedback">
```

```

        Iltimos pochta indeksi kiriting!
      </div>
    </div>
    <div class="col-12">
      <div class="form-check">
        <input class="form-check-input" type="checkbox" value="" id="checkbox-example" required>
        <label class="form-check-label" for="checkbox-example">
          Hamma shartlarga rozilik bildiraman
        </label>
        <div class="invalid-feedback">
          Jo'natishdan oldin rozilik bildirishingiz kerak!
        </div>
      </div>
    </div>
    <div class="col-12">
      <button class="btn btn-primary" type="submit">Jo'natish</button>
    </div>
  </form>

  <script>
    // Example starter JavaScript for disabling form submissions if there are invalid fields
    (function () {
      'use strict'

      // Fetch all the forms we want to apply custom Bootstrap validation styles to
      var forms = document.querySelectorAll('.needs-validation')

      // Loop over them and prevent submission
      Array.prototype.slice.call(forms)
        .forEach(function (form) {
          form.addEventListener('submit', function (event) {
            if (!form.checkValidity()) {
              event.preventDefault()
              event.stopPropagation()
            }

            form.classList.add('was-validated')
          }, false)
        })
    })()
  </script>

```

Validation qo'llab quvvatlaydigan elementlar

- **.form-control** klassiga ega bo'lgan <input> va <textarea> elementlar
- **.form-select** klassiga ega bo'lgan <select>
- **.form-check** klassiga ega bo'lgan elementlar

```

<form class="was-validated">
  <div class="mb-3">
    <label for="textarea-example" class="form-label">Textarea</label>
    <textarea class="form-control is-invalid" id="textarea-example" placeholder="Textarea uchun misol" required></textarea>
    <div class="invalid-feedback">
      Iltimos, matn maydoniga xabar kiriting.
    </div>
  </div>

  <div class="form-check mb-3">
    <input type="checkbox" class="form-check-input" id="checkbox-example" required>
    <label class="form-check-label" for="checkbox-example">"Checkbox"ni tanlang</label>
    <div class="invalid-feedback">Noto'g'ri kirilgan holatda chiqadigan matn</div>
  </div>

  <div class="form-check">
    <input type="radio" class="form-check-input" id="radio-example" name="radio-stacked" required>
    <label class="form-check-label" for="radio-example">"Radio"ni tanlang</label>
  </div>

```

```

<div class="form-check mb-3">
  <input type="radio" class="form-check-input" id="radio2-example" name="radio-stacked" required>
  <label class="form-check-label" for="radio2-example">Yoki bu "radio"ni tanlang</label>
  <div class="invalid-feedback">Yana bir noto'g'ri kirilgan holatda chiqadigan matn</div>
</div>

<div class="mb-3">
  <select class="form-select" required aria-label="select uchun misol">
    <option value="">Select menyuni ochish</option>
    <option value="1">Birinchi</option>
    <option value="2">Ikkinchi</option>
    <option value="3">Uchinchi</option>
  </select>
  <div class="invalid-feedback">Noto'g'ri tanlangan select uchun chiqadigan matn</div>
</div>

<div class="mb-3">
  <input type="file" class="form-control" aria-label="file uchun misol" required>
  <div class="invalid-feedback">Noto'g'ri to'ldirilgan fayl input uchun mo'ljallangan matn</div>
</div>

<div class="mb-3">
  <button class="btn btn-primary" type="submit" disabled>Formani jo'natish</button>
</div>
</form>

```

Tooltip yordamida validation

```

<form class="row g-3 needs-validation" novalidate>
  <div class="col-md-4 position-relative">
    <label for="first-name-input" class="form-label">Ism</label>
    <input type="text" class="form-control" id="first-name-input" value="Ulugbek" required>
    <div class="valid-tooltip">
      To'g'ri to'ldirilgan!
    </div>
  </div>
  <div class="col-md-4 position-relative">
    <label for="last-name-input" class="form-label">Familiya</label>
    <input type="text" class="form-control" id="last-name-input" value="Samigjonov" required>
    <div class="valid-tooltip">
      To'g'ri to'ldirilgan!
    </div>
  </div>
  <div class="col-md-4 position-relative">
    <label for="username-input" class="form-label">Username</label>
    <div class="input-group has-validation">
      <span class="input-group-text" id="username-prepend">@</span>
      <input type="text" class="form-control" id="username-input" aria-describedby="username-prepend" required>
      <div class="invalid-tooltip">
        Iltimos to'g'ri username tanlang!
      </div>
    </div>
  </div>
  <div class="col-md-6 position-relative">
    <label for="city-input" class="form-label">Shahar</label>
    <input type="text" class="form-control" id="city-input" required>
    <div class="invalid-tooltip">
      Iltimos shaharni tanlang!
    </div>
  </div>
  <div class="col-md-3 position-relative">
    <label for="district-input" class="form-label">Tuman</label>
    <select class="form-select" id="district-input" required>
      <option selected disabled value="">Tanlang...</option>
      <option>...</option>
    </select>
    <div class="invalid-tooltip">
      Iltimos tumanni tanlang!
    </div>
  </div>
</form>

```

```

<div class="col-md-3 position-relative">
  <label for="zip-input" class="form-label">Pochta indeksi</label>
  <input type="text" class="form-control" id="zip-input" required>
  <div class="invalid-tooltip">
    Iltimos pochta indeksini kiriting!
  </div>
</div>
<div class="col-12">
  <button class="btn btn-primary" type="submit">Formani jo'natish</button>
</div>
</form>

<script>
  // Example starter JavaScript for disabling form submissions if there are invalid fields
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    // Fetch all the forms we want to apply custom Bootstrap validation styles to
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    // Loop over them and prevent submission
    Array.prototype.slice.call(forms)
      .forEach(function (form) {
        form.addEventListener('submit', function (event) {
          if (!form.checkValidity()) {
            event.preventDefault()
            event.stopPropagation()
          }

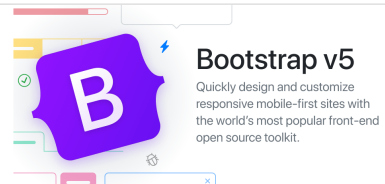
          form.classList.add('was-validated')
        }, false)
      })
    })()
  </script>

```

Validation

Provide valuable, actionable feedback to your users with HTML5 form validation, via browser default behaviors or custom styles and JavaScript.

 <https://getbootstrap.com/docs/5.0/forms/validation/>



▼ Uyga vazifa

Quyidagi formani Bootstrap 5 yordamida yaratib bering (validation bilan)

Billing address

First name	Last name	
<input type="text"/>	<input type="text"/>	
Username		
<input type="text" value="@ Username"/>		
Email (Optional)		
<input type="text" value="you@example.com"/>		
Address		
<input type="text" value="1234 Main St"/>		
Address 2 (Optional)		
<input type="text" value="Apartment or suite"/>		
Country	State	Zip
<input type="text" value="Choose..."/>	<input type="text" value="Choose..."/>	<input type="text"/>

☐ Shipping address is the same as my billing address

☐ Save this information for next time

Payment

☒ Credit card

☐ Debit card

☐ PayPal

Name on card	Credit card number
<input type="text"/>	<input type="text"/>
Full name as displayed on card	
Expiration	CVV
<input type="text"/>	<input type="text"/>

Continue to checkout

Billing address

First name

Valid first name is required.

Last name

Valid last name is required.

Username

Your username is required.

Email (Optional)

Address

Please enter your shipping address.

Address 2 (Optional)

Country

Please select a valid country.

State

Please provide a valid state.

Zip

Zip code required.

☐ Shipping address is the same as my billing address

☐ Save this information for next time

Payment

☒ Credit card

☐ Debit card

☐ PayPal

Name on card

Full name as displayed on card

Name on card is required

Credit card number

Credit card number is required

Expiration

Expiration date required

CVV

Security code required

Continue to checkout