



**Mata Kuliah** : Pemograman Web Lanjut  
**Materi** : Praktikum 1 - 202310036  
**Kelas** : TI-20-PA  
**Pengajar** : Febri Damatraseta S.T, M.Kom

Link github : <https://github.com/bagasferdi/Pemograman-Web-Lanjut-Semester-6>

1.

## Hasil Program

The screenshot shows a web browser window with the address bar set to `localhost:3001`. The page displays a 'Personal Data Form' with the following fields:

- NPM:
- First Name:
- Middle Name:
- Last Name:
- Birthdate:
- Submit button

Below the form, the same application is shown after submission. The form fields are now populated with the following data:

- NPM: 202310036 (Status: Looks good!)
- First Name: Bagas (Status: Looks good!)
- Birthdate: 2000-07-22 (Status: Looks good!)
- Submit button

A modal window titled 'Your Personal Data' is displayed over the form, showing the submitted information:

NPM	:	202310036
Fullname	:	Bagas Ferdi ansyah
Age	:	23 th

#### Source Code (Components/PersonalData.js)

```
import React from "react";
import { useState } from "react";
import { Button, Form, Modal, Col, Row, Container } from "react-bootstrap";

const PersonalData = () => {
  const date = new Date();
  const currentYear = date.getFullYear();

  const [NPM, setNPM] = useState(0);
  const [FirstName, setFirstName] = useState("");
  const [MiddleName, setMiddleName] = useState("");
  const [LastName, setLastName] = useState("");
  const [Birthdate, setBirthdate] = useState("");
  const [show, setShow] = useState(false);
  const [validated, setValidated] = useState(false);

  const handleClose = () => setShow(false);

  const handleSubmit = (e) => {
    const form = e.currentTarget;
    if (form.checkValidity() === false) {
      e.preventDefault();
      e.stopPropagation();
    } else {
      e.preventDefault();
      setShow(true);
    }
    setValidated(true);
  };

  const Age = currentYear - parseInt(Birthdate.slice(0, 4));

  return (
    <div
      className="d-flex justify-content-center align-items-center vh-100"
      style={{
        backgroundRepeat: "no-repeat",
        backgroundSize: "cover",
        backgroundPosition: "center",
      }}
    >
      <div className="mw-50 mx-auto border rounded p-4 bg-white drop-shadow">
        <h2 className="mb-5 text-center">Personal Data Form </h2>
        <Form noValidate validated={validated} onSubmit={handleSubmit}>
          <Form.Group className="mb-3" controlId="NPM">
            <Form.Label>NPM</Form.Label>
            <Form.Control
              type="text"
              pattern="[0-9]*"
            />
          </Form.Group>
        </Form>
      </div>
    </div>
  );
};
```

```

        placeholder="Enter NPM"
        onChange={(e) => setNPM(e.target.value)}
        required
        maxLength={10}
    />
    <Form.Control.Feedback>Looks good!</Form.Control.Feedback>
    <Form.Control.Feedback type="invalid">
        NPM is a required field with a maximum of 10 numeric digits
    </Form.Control.Feedback>
</Form.Group>

<div className="d-flex justify-content-between">
    <Form.Group className="mb-3 me-2" controlId="FName">
        <Form.Label>First Name</Form.Label>
        <Form.Control
            type="text"
            placeholder="Enter First Name"
            onChange={(e) => setFirstName(e.target.value)}
            required
        />
        <Form.Control.Feedback>Looks good!</Form.Control.Feedback>
        <Form.Control.Feedback type="invalid">
            Firstname is a required field
        </Form.Control.Feedback>
    </Form.Group>

    <Form.Group className="mb-3 me-2" controlId="MName">
        <Form.Label>Middle Name</Form.Label>
        <Form.Control
            type="text"
            placeholder="Enter Middle Name"
            onChange={(e) => setMiddleName(e.target.value)}
        />
        <Form.Control.Feedback>Looks good!</Form.Control.Feedback>
    </Form.Group>

    <Form.Group className="mb-3 me-2" controlId="LName">
        <Form.Label>Last Name</Form.Label>
        <Form.Control
            type="text"
            placeholder="Enter Last Name"
            onChange={(e) => setLastName(e.target.value)}
            required
        />
        <Form.Control.Feedback>Looks good!</Form.Control.Feedback>
        <Form.Control.Feedback type="invalid">
            Lastname is a required field
        </Form.Control.Feedback>
    </Form.Group>
</div>

<Form.Group className="mb-3 me-2" controlId="LName">
    <Form.Label>Birthdate</Form.Label>

```

```

        <Form.Control
          type="text"
          placeholder="YYYY-MM-DD"
          onChange={(e) => setBirthdate(e.target.value)}
          required
        />
        <Form.Control.Feedback>Looks good!</Form.Control.Feedback>
        <Form.Control.Feedback type="invalid">
          Birthdate is a required field
        </Form.Control.Feedback>
      </Form.Group>

      <Button variant="primary" className="mt-2" type="submit">
        Submit
      </Button>
    </Form>
  </div>

  <Modal show={show} onHide={handleClose} centered>
    <Modal.Header closeButton className="d-flex justify-content-center">
      <Modal.Title>Your Personal Data</Modal.Title>
    </Modal.Header>
    <Modal.Body>
      <Container>
        <Row>
          <Col xs="3">NPM</Col>
          <Col xs="1">:</Col>
          <Col>{NPM}</Col>
        </Row>
        <Row>
          <Col xs="3">Fullname</Col>
          <Col xs="1">:</Col>
          <Col>
            {FirstName} {MiddleName} {LastName}
          </Col>
        </Row>
        <Row>
          <Col xs="3">Age</Col>
          <Col xs="1">:</Col>
          <Col>
            {Age}{ " "}
            {Age.toString().slice(-1) === 1
              ? "st"
              : Age.toString().slice(-1) === 2
              ? "nd"
              : Age.toString().slice(-1) === 3
              ? "rd"
              : "th"}
          </Col>
        </Row>
      </Container>
    </Modal.Body>
  </Modal>

```

```
    </div>  
  );  
};  
  
export default PersonalData;
```