

# **LAPORAN PROGRES PROJECT PWL**

## **KELOMPOK 4 - PEMBAYARAN**

**Dosen : Jafar Shadiq, M.Kom.**



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**JURUSAN SISTEM INFORMASI**

**FAKULTAS INFORMATIKA**

**BINA INSANI UNIVERSITY**


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Berikut adalah laporan update dan perkembangan terkini dari website yang akan dibuat. Pada bagian pembayaran ini, sudah ada beberapa fitur-fitur baru dan validasi yang telah diimplementasikan.

### 1. Tampilan Inputan Awal

Pada tampilan awal ini, user akan diminta untuk menginput nominal saldo yang akan dimasukan kedalam kartu baru. Dan pada tampilan ini juga dilampirkan nominal denda yang harus dibayar oleh user jika kartu nya hilang.

#### User Interface



The image displays a web form titled "PEMBUATAN KARTU BARU" (New Card Creation). The form includes a text input field labeled "Isi Saldo:" (Enter Balance:). Below this, it states "Denda kartu hilang: 20000" (Lost card penalty: 20,000) and a checkbox labeled "Apakah anda setuju kena denda?" (Are you agree to the penalty?). A blue button labeled "Buat Kartu" (Create Card) is positioned at the bottom of the form. The entire form is enclosed in a red rectangular border.

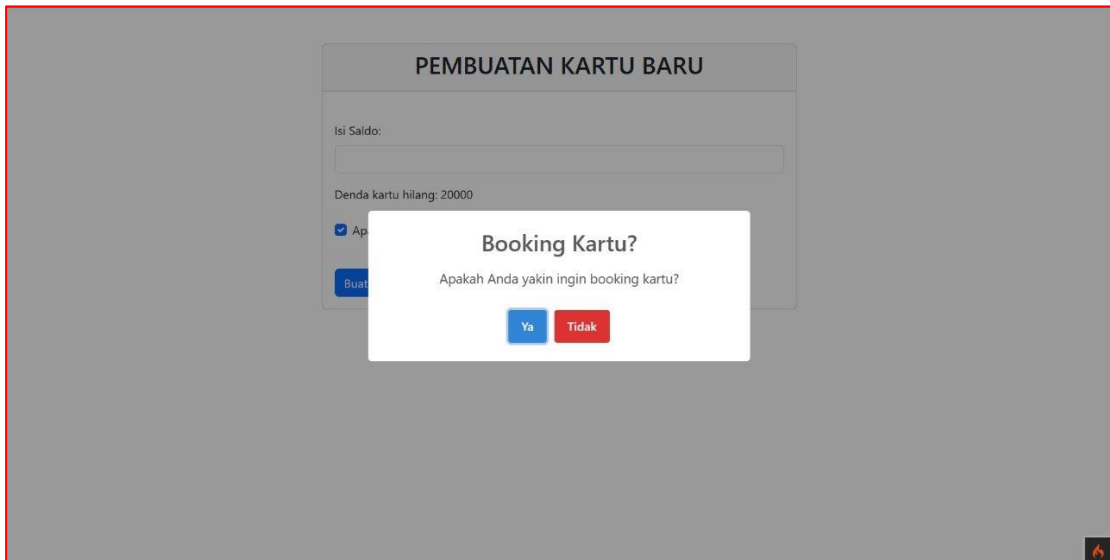
## Source Code

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Booking Kartu</title>
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.css" integrity="sha384-KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJ0Z" crossorigin="anonymous">
</head>
<body>
  <div class="container mt-5">
    <div class="row justify-content-center">
      <div class="col-md-6">
        <div class="card">
          <div class="card-header">
            <h2 class="text-center">PEMBUATAN KARTU BARU</h2>
          </div>
          <div class="card-body">
            <form action="/booking/process" method="post">
              <div class="mb-3">
                <br>
                <label for="saldo" class="form-label">Isi Saldo:</label>
                <input type="number" class="form-control" name="saldo" required>
              </div>
              <div class="mb-3">
                <label for="denda" class="form-label">Denda kartu hilang: 20000</label>
              </div>
              <div class="mb-3 form-check">
                <input type="checkbox" class="form-check-input" id="exampleCheck1"
required>
                <label class="form-check-label" for="exampleCheck1">Apakah anda setuju
kena denda?</label>
              </div>
              <div class="invalid-feedback">Anda harus menyetujui untuk melanjutkan.
            </div>
            <br>
            <!-- validasi -->
            <button type="button" onclick="validateBooking()" class="btn btn-primary
btn-block">Buat Kartu</button>
          </form>
          <script
src="https://cdn.jsdelivr.net/npm/sweetalert2@11.0.13/dist/sweetalert2.min.js"></script>
          <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/sweetalert2@11.0.13/dist/sweetalert2.min.css">
          <script>
            function validateBooking() {
              Swal.fire({
                title: 'Booking Kartu?',
                text: 'Apakah Anda yakin ingin booking kartu?',
                showCancelButton: true,
                confirmButtonColor: '#3085d6',
                cancelButtonColor: '#d33',
                confirmButtonText: 'Ya',
                cancelButtonText: 'Tidak'
              }).then((result) => {
                if (result.isConfirmed) {
                  document.querySelector('form').submit();
                }
              });
            }
          </script>
        </div>
      </div>
    </div>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ENjd04Dr2bkBIFxQpeoTz1Hicje39Wm4jDKdf19U8gI4ddQ3GYN57NTKfAdVQSZe"
crossorigin="anonymous"></script>
</body>
</html>
```

## 2. Tampilan Validation Alert

Selanjutnya, pada tampilan ini user diberikan pilihan “Apakah anda yakin ingin booking kartu?”. Jika iya, artinya user menyetujui untuk membuat kartu baru dan membayar denda. Jika tidak, user akan kembali ke tampilan awal.

### User Interface



### Source Code

```
<script>

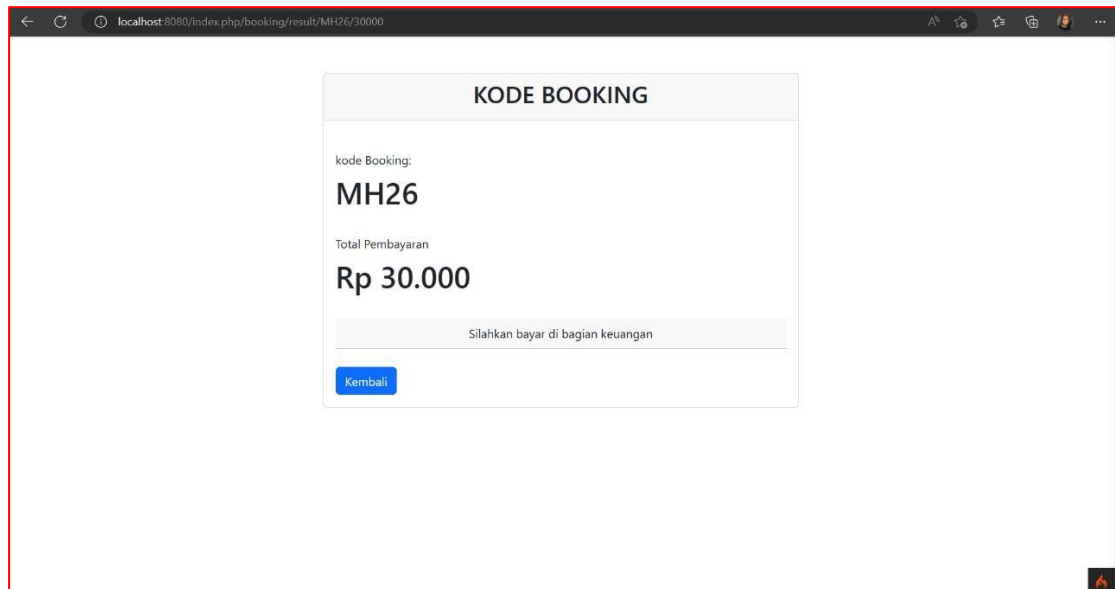
    function validateBooking() {
        Swal.fire({
            title: 'Booking Kartu?',
            text: 'Apakah Anda yakin ingin booking kartu?',
            showCancelButton: true,
            confirmButtonColor: '#3085d6',
            cancelButtonColor: '#d33',
            confirmButtonText: 'Ya',
            cancelButtonText: 'Tidak'
        }).then((result) => {
            if (result.isConfirmed) {

                document.querySelector('form').submit();
            }
        });
    }
</script>
```

### 3. Tampilan Kode Booking

Setelah menyetujui, maka user akan mendapatkan kode booking beserta total pembayaran yang harus dibayar pada bagian keuangan.

#### User Interface



## Source Code

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Booking Kartu</title>
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha3/dist/css/bootstrap.min.css" integrity="sha384-
KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJ0Z" crossorigin="anonymous">
</head>
<body>
  <div class="container mt-5">
    <div class="row justify-content-center">
      <div class="col-md-6">
        <div class="card">
          <div class="card-header">
            <h2 class="text-center">KODE BOOKING</h2>
          </div>
          <div class="card-body">
            <form action="/booking/process" method="post" onsubmit="return confirm('Apakah
anda yakin ingin membuat kartu ini?')">
              <div class="mb-3">
                <br>
                <label for="saldo" class="form-label">kode Booking:</label> <br>
                <label>
                  <h1>
                    <p><?= $booking_code ?></p>
                  </h1>
                </label>
              </div>
              <div class="mb-3">
                <label for="denda" class="form-label">Total Pembayaran</label> <br>
                <label>
                  <h1>
                    <p>Rp <?= number_format($saldo, 0, ',', '.') ?></p>
                  </h1>
                </label>
              </div>
            </div>
            <div class="card-header">
              <center><label> Silahkan bayar di bagian keuangan</label></center>
            </div>
            <br>
            <!-- kembali ke halaman sebelumnya -->
            <a href="<?= previous_url() ?>" class="btn btn-primary btn-
block">Kembali</a>
          </form>
        </div>
      </div>
    </div>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha3/dist/js/bootstrap.bundle.min.js" integrity="sha384-
ENjd04Dr2bkBIFxQpeoTz1HIcJe39Wm4jDKdf19U8gI4ddQ3GYNS7NTKfAdvQSZ" crossorigin="anonymous"></script>
</body>
</html>
```

## Source Code Controller untuk menampilkan kode booking.

```
<?php

namespace App\Controllers;

class Booking extends BaseController
{
    public function index()
    {
        return view('booking');
    }

    public function process()
    {
        $saldo = $this->request->getPost('saldo');
        $chars = 'ABCDEFGHIJKLMNOPQRSTUVWXYZ';
        $numbers = '0123456789';

        $booking_code = '';
        for ($i = 0; $i < 2; $i++) {
            $booking_code .= $chars[mt_rand(0, strlen($chars) - 1)];
        }
        for ($i = 0; $i < 2; $i++) {
            $booking_code .= $numbers[mt_rand(0, strlen($numbers) - 1)];
        }

        $bookingModel = new \App\Models\KartuModel();
        $data = [
            'saldo' => $saldo,
            'booking_code' => $booking_code,
            'created_at' => date('Y-m-d H:i:s')
        ];

        $total_saldo = $saldo + 20000;
        $data['saldo'] = $total_saldo;
        $bookingModel->insert($data);

        return redirect()->to('/booking/result/' . $booking_code . '/' . $total_saldo);
    }

    public function result($booking_code, $saldo)
    {
        return view('booking_result', ['booking_code' => $booking_code, 'saldo' => $saldo]);
    }
}
```