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**NIM : 2024201002**

**MATKUL : PEMROGRAMAN BERORIENTASI OBJEK**

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### 1. Listing Kode

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<?php
session_start();
try {
    $db = new
PDO("mysql:host=localhost;dbname=rental_db;charset=utf8mb4",
"root", "");
    $db->setAttribute(PDO::ATTR_ERRMODE,
PDO::ERRMODE_EXCEPTION);
} catch (PDOException $e) {
    die("<div class='alert alert-danger m-3'>Koneksi Gagal: " . $e-
>getMessage() . "</div>");
}

$error = ""; $pesan = "";
if (isset($_POST['login'])) {
    if ($_POST['user'] === 'admin' && $_POST['pass'] ===
'admin123') $_SESSION['login'] = true;
    else $error = "Kredensial salah.";
}
if (isset($_GET['logout'])) { session_destroy(); header("Location: ?");
exit; }

if (isset($_SESSION['login'])) {
    if (isset($_POST['ubah_status'])) {
        $stmt = $db->prepare("UPDATE mobil SET status = :status
WHERE id = :id");
        $stmt->execute([':status' => $_POST['status_baru'], ':id' =>
$_POST['id']]);
        $pesan = "Status armada berhasil diperbarui!";
    }
    if (isset($_POST['tambah'])) {
        $stmt = $db->prepare("INSERT INTO mobil (nama_mobil,
tipe_mobil, harga_sewa) VALUES (?, ?, ?)");
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        $stmt->execute([$_POST['nama'], $_POST['tipe'],
$_POST['harga']]);
        $pesan = "Unit baru berhasil diparkir!";
    }
}

```

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$listMobil = $db->query("SELECT * FROM mobil ORDER BY id
DESC")->fetchAll(PDO::FETCH_ASSOC);
$ready = count(array_filter($listMobil, function($m) { return
$m['status'] === 'Tersedia'; }));
?>

```

```

<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Velocity Premium Fleet</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstra
p.min.css" rel="stylesheet">
    <style>
        body { background-color: #0b0f19; color: #f3f4f6; font-family:
sans-serif; }
        .car-card { background: #111827; border: 1px solid #1f2937;
border-radius: 16px; transition: 0.2s; }
        .car-card:hover { border-color: #4b5563; transform:
translateY(-4px); }
        .glass-input { background: #1f2937!important; border: 1px solid
#374151!important; color: #fff!important; }
    </style>
</head>
<body>

    <?php if (!isset($_SESSION['login'])): ?>
        <div class="d-flex align-items-center justify-content-center"
style="min-height: 100vh;">
            <div class="card p-4 rounded-4 text-white text-center"
style="background: #1e293b; width: 350px;">

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        <h3 class="fw-bold mb-1">VELOCITY.</h3>
        <p class="text-muted small mb-4">Fleet Operations
Login</p>
        <?php if($error): ?><div class="alert alert-danger p-2
small"><?= $error; ?></div><?php endif; ?>
        <form method="POST">
            <input type="text" name="user" class="form-control
glass-input mb-3" placeholder="Username" required>
            <input type="password" name="pass" class="form-
control glass-input mb-4" placeholder="Password" required>
            <button type="submit" name="login" class="btn btn-
light w-100 fw-bold">Masuk</button>
        </form>
        </div>
    </div>

    <?php else: ?>
        <nav class="navbar navbar-dark border-bottom border-
secondary py-3" style="background: #0f172a;">
            <div class="container">
                <span class="navbar-brand fw-bold fs-
4">VELOCITY<span class="text-primary">.</span></span>
            </div>
            <button class="btn btn-sm btn-outline-light me-2" data-
bs-toggle="modal" data-bs-target="#addModal">+ Tambah
Unit</button>
            <a href="?logout=1" class="btn btn-sm btn-
danger">Log Out</a>
        </div>
    </div>
    </nav>

    <div class="container my-5">
        <?php if($pesan): ?><div class="alert alert-success p-2
small"><?= $pesan; ?></div><?php endif; ?>

        <div class="row g-4 mb-4">
            <div class="col-md-6">
                <div class="p-3 rounded-3 border border-secondary"
style="background: #0f172a;">

```

```

        <small class="text-secondary d-block">TOTAL
ARMADA</small>
        <h3 class="fw-bold m-0"><?= count($listMobil); ?>
Unit</h3>
    </div>
</div>
<div class="col-md-6">
    <div class="p-3 rounded-3 border border-success"
style="background: #0f172a;">
        <small class="text-success d-block">READY DI
GARASI</small>
        <h3 class="fw-bold m-0 text-success"><?= $ready;
?> Unit</h3>
    </div>
</div>
</div>

<h5 class="mb-4 text-secondary">Katalog Status
Kendaraan</h5>
<div class="row g-4">
    <?php foreach ($listMobil as $m): ?>
        <div class="col-md-4">
            <div class="card car-card p-4 h-100 d-flex flex-
column justify-content-between">
                <div>
                    <div class="d-flex justify-content-between align-
items-start mb-2">
                        <div>
                            <small class="text-secondary font-
monospace"><?= $m["tipe_mobil"]; ?></small>
                            <h4 class="fw-bold text-white m-0"><?=
$m["nama_mobil"]; ?></h4>
                        </div>
                            <span class="badge bg-<?= $m['status'] ==
'Tersedia' ? 'success' : 'danger'; ?> rounded-pill"><?= $m['status'];
?></span>
                        </div>
                            <h5 class="text-white mt-3">Rp <?=
number_format($m['harga_sewa'], 0, ',', '.'); ?><span class="fs-6
text-secondary">/hari</span></h5>

```

```

</div>

<form method="POST" class="mt-4 m-0">
  <input type="hidden" name="id" value="<?=$m['id']; ?>">
    <input type="hidden" name="status_baru"
value="<?=$m['status'] == 'Tersedia' ? 'Disewa' : 'Tersedia'; ?>">
    <button type="submit" name="ubah_status"
class="btn btn-<?=$m['status'] == 'Tersedia' ? 'outline-light' :
'warning text-dark'; ?> btn-sm w-100 fw-semibold">
      <?=$m['status'] == 'Tersedia' ? 'Sewa Mobil'
: 'Kembalikan Mobil'; ?>
    </button>
  </form>
</div>
</div>
<?php endforeach; ?>
</div>
</div>

```

```

<div class="modal fade" id="addModal" tabindex="-1">
  <div class="modal-dialog modal-dialog-centered">
    <div class="modal-content text-white border-secondary
border" style="background: #0f172a;">
      <div class="modal-header border-secondary"><h5
class="modal-title fw-bold">Tambah Unit</h5><button type="button"
class="btn-close btn-close-white" data-bs-
dismiss="modal"></button></div>
      <form method="POST">
        <div class="modal-body">
          <div class="mb-3"><label class="small text-
secondary">Nama Mobil</label><input type="text" name="nama"
class="form-control glass-input" required></div>
          <div class="mb-3"><label class="small text-
secondary">Tipe</label><input type="text" name="tipe"
class="form-control glass-input" placeholder="SUV, Sedan, dll"
required></div>
          <div class="mb-3"><label class="small text-
secondary">Harga Sewa / Hari (Rp)</label><input type="number"
name="harga" class="form-control glass-input" required></div>

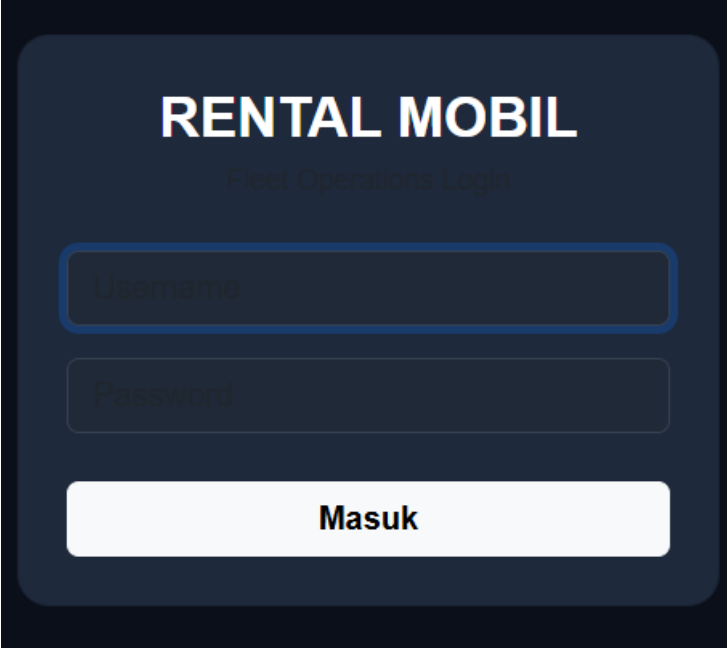
```

```
        </div>
        <div class="modal-footer border-0"><button
type="submit" name="tambah" class="btn btn-light btn-sm px-
4">Simpan</button></div>
    </form>
</div>
</div>
</div>
<?php endif; ?>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.b
undle.min.js"></script>
</body>
</html>
```

## 2. Hasil

### 1). Login



The image shows a dark-themed login form for a mobile rental service. At the top, the title "RENTAL MOBIL" is displayed in large, bold, white capital letters. Below the title, the text "Rent Operator Login" is visible in a smaller, lighter font. The form contains two input fields: the first is for the username, labeled "Username" in a light blue font, and the second is for the password, labeled "Password" in a light blue font. Both fields have a light blue border and a light blue background. Below the input fields is a white button with the text "Masuk" in bold black font. The entire form is set against a dark blue background.

## 2). Halaman Utama

The screenshot displays the main page of a car rental service. At the top, the header reads "RENTAL MOBIL." and includes a "+ Tambah Unit" button and a "Log Out" button. Below the header, two summary boxes are shown: "TOTAL ARMADA 6 Unit" and "READY DI GARASI 6 Unit". The main content area is titled "Katalog Status Kendaraan" and features a grid of six car models, each with its brand, name, daily rental price, and a "Sewa Mobil" button. A "Tersedia" status indicator is present for each car.

Brand	Model	Daily Price (Rp)	Status
DAIHATSU	GRANDMAX	450.000/hari	Tersedia
TOYOTA	FORTUNER	1.200.000/hari	Tersedia
MITSUBISHI	XPANDER	500.000/hari	Tersedia
DAIHATSU	XENIA	300.000/hari	Tersedia
HONDA	BRIO	400.000/hari	Tersedia
TOYOTA	AVANZA	300.000/hari	Tersedia