AdminController.php
```php
<?php
class AdminController extends Controller {
    public function dashboard() {
        $user = new User();
        $users = $user->all();
        $this->view('dashboard_admin', ['users' => $users]);
    }
    public function addUser() {
        $user = new User();
        $user->create($_POST);
        header('Location: index.php?admin');
    }
    public function deleteUser($id) {
        $user = new User();
        $user->delete($id);
        header('Location: index.php?admin');
    }
}
?>
```

AuthController.php
```php
<?php
class AuthController extends Controller {
    public function login() {
        if ($_SERVER['REQUEST_METHOD'] == 'POST') {
            $user = new User();
            $users = $user->all();
            foreach ($users as $u) {
                if ($u['username'] == $_POST['username'] && password_verify($_POST['password'], $u['password'])) {
                    $_SESSION['user'] = $u;
                    header('Location: index.php');
                    return;
                }
            }
        }
        $this->view('login');
    }
    public function register() {
        if ($_SERVER['REQUEST_METHOD'] === 'POST') {
            $username = $_POST['username'];
            $password = password_hash($_POST['password'], PASSWORD_DEFAULT);
            $role = 'user'; // default role

            $user = new User();
            $success = $user->create($username, $password, $role);

            if ($success) {
                header("Location: index.php"); // langsung login atau redirect ke login page
            } else {
```

```php
            $this->view('register', ['error' => 'Username sudah digunakan']);
            }
        } else {
            $this->view('register');
        }
    }
    public function logout() {
        session_destroy();
        header('Location: index.php');
        exit;
    }
}
?>
```

DocumentController.php
```php
<?php
class DocumentController extends Controller {
    public function dashboard() {
        $doc = new Document();
        $docs = $doc->all();
        $this->view('dashboard_user', ['documents' => $docs]);
    }
    public function upload() {
        $doc = new Document();
        $doc->upload($_FILES['file'], $_POST['title']);
        header('Location: index.php');
    }
    public function delete($id) {
        $doc = new Document();
        $doc->delete($id);
        header('Location: index.php');
    }
    public function viewPdf($id) {
        $doc = new Document();

        // Ambil data dokumen dari database
        $document = $doc->find($id);

        // Path file yang disimpan di DB, misalnya 'uploads/llmops1.pdf'
        $relativePath = $document['path'];

        // Buat path absolut berdasarkan lokasi folder 'public'
        $fullPath = realpath(__DIR__ . '/../../public/' . $relativePath);

        // Debugging opsional
        // echo "Full path dicek: $fullPath";

        // Cek apakah file benar-benar ada di lokasi tersebut
        if ($document && $fullPath && file_exists($fullPath)) {
            $this->view('pdf_viewer', ['document' => $document]);
        } else {
```

```php
            echo "Dokumen tidak ditemukan. Full path dicek: $fullPath";
        }
    }

    public function viewPdfContent($id) {
        $doc = new Document();
        $document = $doc->find($id);

        $relativePath = $document['path'];
        $fullPath = realpath(__DIR__ . '/../../public/' . $relativePath);

        if ($document && $fullPath && file_exists($fullPath)) {
            header('Content-Type: application/pdf');
            header('Content-Disposition: inline; filename="' . basename($fullPath) . '"');
            header('Content-Length: ' . filesize($fullPath));
            readfile($fullPath);
            exit;
        } else {
            echo "Dokumen tidak ditemukan.";
        }
    }
    public function edit() {
        $doc = new Document();

        if ($_SERVER['REQUEST_METHOD'] === 'POST') {
            $id = $_POST['edit_id'];
            $title = $_POST['edit_title'];

            // Jika ada file baru yang diupload
            if (isset($_FILES['file']) && $_FILES['file']['error'] === UPLOAD_ERR_OK) {
                $doc->updateWithFile($id, $_FILES['file'], $title);
            } else {
                $doc->updateMetadata($id, $title); // Hanya update judul
            }

            header('Location: index.php');
            exit;
        } else {
            echo "Edit hanya bisa dilakukan lewat POST.";
        }
    }

}


?>
```

Controller.php
```php
<?php
class Controller {
    public function view($view, $data = []) {
        extract($data);
        require_once __DIR__ . '/../views/' . $view . '.php';
    }
}
?>
```

Database.php
```php
<?php
class Database {
    protected $pdo;
    public function __construct() {
        $this->pdo = new PDO("mysql:host=localhost;dbname=blue_archive", "root", "");
    }
    public function getConnection() {
        return $this->pdo;
    }
}
?>
```

Model.php
```php
<?php
abstract class Model {
    protected $db;
    public function __construct() {
        $this->db = (new Database())->getConnection();
    }
    abstract public function all();

    public function getDb() {
        return $this->db;
    }
    // public function getDb() {
    //     return $this->db;
    // }


}
?>
```

Document.php
```php
<?php
class Document extends Model {
```

```php
    public function all($userId) {
        $stmt = $this->db->prepare("SELECT * FROM documents WHERE user_id = ?");
        $stmt->execute([$userId]);
        return $stmt->fetchAll(PDO::FETCH_ASSOC);
    }

    public function upload($file, $title, $userId) {
        if ($file['error'] !== UPLOAD_ERR_OK) {
            echo "Upload error: " . $file['error'];
            return false;
        }

        $filename = uniqid() . '-' . basename($file['name']); // supaya tidak overwrite
        $targetFolder = realpath(__DIR__ . '/../../public/uploads/') . '/';
        $dbPath = 'uploads/' . $filename;
        $path = $targetFolder . $filename;

        if (!move_uploaded_file($file['tmp_name'], $path)) {
            echo "Gagal memindahkan file ke $path";
            return false;
        }

        $stmt = $this->db->prepare("INSERT INTO documents (title, path, user_id) VALUES
(?, ?, ?)");
        return $stmt->execute([$title, $dbPath, $userId]);
    }

    public function delete($id) {
        $stmt = $this->db->prepare("SELECT path FROM documents WHERE id = ?");
        $stmt->execute([$id]);
        $doc = $stmt->fetch(PDO::FETCH_ASSOC);

        if ($doc && !empty($doc['path'])) {
            $fullPath = realpath(__DIR__ . '/../../public/' . $doc['path']);
            if ($fullPath && file_exists($fullPath)) {
                unlink($fullPath);
            }
        }

        return $this->db->prepare("DELETE FROM documents WHERE id = ?")->execute([$id]);
    }

    public function find($id) {
        $stmt = $this->db->prepare("SELECT * FROM documents WHERE id = ?");
        $stmt->execute([$id]);
        return $stmt->fetch(PDO::FETCH_ASSOC);
    }

    public function updateMetadata($id, $title) {
        $stmt = $this->db->prepare("UPDATE documents SET title = ? WHERE id = ?");
        return $stmt->execute([$title, $id]);
```

```php
        }

    public function updateWithFile($id, $file, $title) {
        if ($file['error'] !== UPLOAD_ERR_OK) {
            echo "Upload error: " . $file['error'];
            return false;
        }

        $document = $this->find($id);

        if ($document && !empty($document['path'])) {
            $oldPath = realpath(__DIR__ . '/../../public/' . $document['path']);
            if ($oldPath && file_exists($oldPath)) {
                unlink($oldPath);
            }
        }

        $filename = uniqid() . '-' . basename($file['name']);
        $relativePath = 'uploads/' . $filename;
        $targetFolder = realpath(__DIR__ . '/../../public/uploads/') . '/';
        $fullPath = $targetFolder . $filename;

        if (!move_uploaded_file($file['tmp_name'], $fullPath)) {
            echo "Gagal memindahkan file.";
            return false;
        }

        $stmt = $this->db->prepare("UPDATE documents SET title = ?, path = ? WHERE id = ?");
        return $stmt->execute([$title, $relativePath, $id]);
    }
}
?>

User.php
<?php
class User extends Model {
    public function all() {
        return $this->db->query("SELECT * FROM users")->fetchAll(PDO::FETCH_ASSOC);
    }
    public function create($username, $password, $role) {
        // Cek apakah username sudah ada
        if ($this->findByUsername($username)) {
            return false;
        }

        $stmt = $this->db->prepare("INSERT INTO users (username, password, role) VALUES
(?, ?, ?)");
        return $stmt->execute([$username, $password, $role]);
    }
    public function delete($id) {
        return $this->db->prepare("DELETE FROM users WHERE id = ?")->execute([$id]);
    }
```

```php
    public function findByUsername($username) {
        $stmt = $this->db->prepare("SELECT * FROM users WHERE username = ?");
        $stmt->execute([$username]);
        return $stmt->fetch(PDO::FETCH_ASSOC);
    }

}

?>
```

dashboard_admin.php
```php
<h2>Admin Dashboard</h2>
<a href="?logout=1">Logout</a>
<h3>Manajemen User</h3>
<form method="POST">
    <input type="text" name="username" placeholder="Username" required>
    <input type="password" name="password" placeholder="Password" required>
    <select name="role">
        <option value="user">User</option>
        <option value="admin">Admin</option>
    </select>
    <button type="submit" name="add_user">Add User</button>
</form>
<table border="1">
    <tr><th>ID</th><th>Username</th><th>Role</th><th>Action</th></tr>
    <?php foreach ($users as $u): ?>
        <tr>
            <td><?= $u['id'] ?></td>
            <td><?= $u['username'] ?></td>
            <td><?= $u['role'] ?></td>
            <td><a href="?delete_user=<?= $u['id'] ?>">Delete</a></td>
        </tr>
    <?php endforeach; ?>
</table>
```

dashboard_user.php
```php
<?php
// pastikan $documents sudah terdefinisi di atas halaman ini
?>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Dashboard - Blue Archive</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet">
  <script src="https://cdnjs.cloudflare.com/ajax/libs/pdf.js/3.4.120/pdf.min.js"></script>
</head>
<body>
```

```html
<!-- Navbar -->
<nav class="navbar navbar-expand-lg navbar-dark bg-dark px-4">
  <a class="navbar-brand" href="#">Blue Archive</a>
  <div class="ms-auto">
    <button class="btn btn-info me-2" data-bs-toggle="modal" data-bs-target="#uploadModal">Upload PDF</button>
    <a href="?logout=1" class="btn btn-outline-light">Logout</a>
  </div>
</nav>

<div class="container mt-4">
  <div class="row">
    <?php foreach ($documents as $doc): ?>
      <div class="col-md-4 mb-4">
        <div class="card shadow">
          <!-- Canvas Preview PDF -->
          <canvas id="pdf-preview-<?= $doc['id'] ?>" class="card-img-top" style="height: 300px; object-fit: contain;"></canvas>

          <div class="card-body">
            <h5 class="card-title"><?= htmlspecialchars($doc['title']) ?></h5>
            <a href="index.php?view_doc=<?= $doc['id'] ?>" target="_blank" class="btn btn-sm btn-primary">Lihat</a>
            <button
              class="btn btn-sm btn-warning editBtn"
              data-id="<?= $doc['id'] ?>"
              data-title="<?= htmlspecialchars($doc['title']) ?>"
              data-bs-toggle="modal"
              data-bs-target="#editModal">
              Edit
            </button>
            <a href="uploads/<?= basename($doc['path']) ?>" class="btn btn-sm btn-success" download>Download</a>
            <a href="?delete_doc=<?= $doc['id'] ?>" class="btn btn-sm btn-danger" onclick="return confirm('Hapus dokumen ini?')">Hapus</a>
          </div>
        </div>
      </div>
    <?php endforeach; ?>
  </div>
</div>

<!-- Upload Modal -->
<div class="modal fade" id="uploadModal" tabindex="-1" aria-labelledby="uploadModalLabel" aria-hidden="true">
  <div class="modal-dialog">
    <form method="POST" enctype="multipart/form-data" class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title" id="uploadModalLabel">Upload PDF</h5>
```

```html
      <button type="button" class="btn-close" data-bs-dismiss="modal"
aria-label="Close"></button>
    </div>
    <div class="modal-body">
      <div class="mb-3">
        <label for="title" class="form-label">Judul Dokumen</label>
        <input type="text" name="title" class="form-control" required>
      </div>
      <div class="mb-3">
        <label for="file" class="form-label">Pilih File PDF</label>
        <input type="file" name="file" class="form-control" accept="application/pdf" required>
      </div>
    </div>
    <div class="modal-footer">
      <button type="submit" class="btn btn-info text-white">Upload</button>
    </div>
   </form>
  </div>
</div>

<!-- Edit Modal -->
<div class="modal fade" id="editModal" tabindex="-1" aria-labelledby="editModalLabel" aria-
hidden="true">
  <div class="modal-dialog">
    <form method="POST" action="index.php" class="modal-content">
     <div class="modal-header">
       <h5 class="modal-title" id="editModalLabel">Edit Judul Dokumen</h5>
       <button type="button" class="btn-close" data-bs-dismiss="modal"
aria-label="Close"></button>
     </div>
     <div class="modal-body">
       <input type="hidden" name="edit_id" id="editId">
       <div class="mb-3">
         <label for="editTitle" class="form-label">Judul Baru</label>
         <input type="text" name="edit_title" id="editTitle" class="form-control" required>
       </div>
     </div>
     <div class="modal-footer">
       <button type="submit" name="edit_submit" class="btn btn-warning">Simpan
Perubahan</button>
     </div>
    </form>
  </div>
</div>

<!-- Bootstrap JS -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
<script>
  // Isi data saat klik Edit
  document.querySelectorAll('.editBtn').forEach(btn => {
    btn.addEventListener('click', () => {
      const id = btn.getAttribute('data-id');
```

```
      const title = btn.getAttribute('data-title');
      document.getElementById('editId').value = id;
      document.getElementById('editTitle').value = title;
    });
  });

  // Load PDF preview
  pdfjsLib.GlobalWorkerOptions.workerSrc =
'https://cdnjs.cloudflare.com/ajax/libs/pdf.js/3.4.120/pdf.worker.min.js';

  <?php foreach ($documents as $doc):
    $pdfPath = 'uploads/' . basename($doc['path']);
  ?>
    const url<?= $doc['id'] ?> = "<?= $pdfPath ?>";
    const canvas<?= $doc['id'] ?> = document.getElementById("pdf-preview-<?= $doc['id'] ?>");
    const ctx<?= $doc['id'] ?> = canvas<?= $doc['id'] ?>.getContext("2d");

    pdfjsLib.getDocument(url<?= $doc['id'] ?>).promise.then(pdf => {
      return pdf.getPage(1);
    }).then(page => {
      const scale = 1.5;
      const viewport = page.getViewport({ scale: scale });
      canvas<?= $doc['id'] ?>.height = viewport.height;
      canvas<?= $doc['id'] ?>.width = viewport.width;

      return page.render({
        canvasContext: ctx<?= $doc['id'] ?>,
        viewport: viewport
      }).promise;
    }).catch(err => {
      console.error("Gagal load PDF preview:", err);
    });
  <?php endforeach; ?>
</script>

</body>
</html>


login.php
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Login</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet">
</head>
<body>

  <div class="container mt-5">
```

```html
    <div class="row justify-content-center align-items-center">
      <div class="col-md-6 d-none d-md-block">
        <div class="bg-primary text-white p-5 rounded shadow">
          <h1 class="display-4 fw-bold">Blue Archive</h1>
          <p class="lead mt-3">
            Selamat datang di sistem dokumen <strong>Blue Archive</strong>.<br>
            Simpan, kelola, dan lihat file PDF dengan mudah.
          </p>
          <hr class="my-4">
          <p>
            Kami siap membantu menyimpan semua kenangan digitalmu...
          </p>
        </div>
      </div>

      <div class="col-md-4">
        <div class="card shadow">
          <div class="card-body">
            <h3 class="card-title text-center mb-4">Login</h3>
            <form method="POST">
              <div class="mb-3">
                <label for="username" class="form-label">Username</label>
                <input type="text" class="form-control" name="username" id="username" required>
              </div>
              <div class="mb-3">
                <label for="password" class="form-label">Password</label>
                <input type="password" class="form-control" name="password" id="password"
required>
              </div>
              <button type="submit" class="btn btn-primary w-100">Login</button>
            </form>
            <p class="mt-3 text-center">
              Belum punya akun? <a href="index.php?register=1">Daftar di sini</a>
            </p>
          </div>
        </div>
      </div>
    </div>
  </div>

</body>
</html>

register.php
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Daftar Akun</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet">
```

```html
</head>
<body class="bg-light">

<div class="container mt-5">
  <div class="row justify-content-center align-items-center">

    <!-- Jumbotron Kiri -->
    <div class="col-md-6 d-none d-md-block">
      <div class="bg-info text-white p-5 rounded shadow">
        <h1 class="display-5 fw-bold">Blue Archive</h1>
        <p class="lead mt-3">Selamat datang! 💙</p>
        <hr class="my-4">
        <p>
         Buat akun dan mulai mengarsipkan dokumen pentingmu dengan mudah, cepat, dan aman.
          <br><br><em>"Masa depan digital dimulai di sini!"</em> 😄
        </p>
      </div>
    </div>

    <!-- Form Register -->
    <div class="col-md-5">
      <div class="card shadow">
        <div class="card-body">
          <h3 class="card-title text-center mb-4">Daftar Akun Baru</h3>

          <?php if (!empty($error)) : ?>
            <div class="alert alert-danger text-center"><?= $error ?></div>
          <?php endif; ?>

          <form method="POST">
           <div class="mb-3">
             <label for="username" class="form-label">Username</label>
             <input type="text" name="username" id="username" class="form-control" required>
           </div>

           <div class="mb-3">
             <label for="password" class="form-label">Password</label>
             <input type="password" name="password" id="password" class="form-control" required>
           </div>

           <button type="submit" class="btn btn-info w-100 text-white">Daftar</button>
          </form>

          <p class="mt-3 text-center">
           Sudah punya akun? <a href="index.php">Login</a>
          </p>
        </div>
      </div>
    </div>

  </div>
</div>
```

```
</body>
</html>


init.php
<?php
spl_autoload_register(function ($class) {
    $paths = ["app/core", "app/controllers", "app/models"];
    foreach ($paths as $path) {
        $file = __DIR__ . '/../' . "$path/" . $class . ".php";
        if (file_exists($file)) {
            require_once $file;
            return;
        }
    }
});
?>


index.php
<?php

session_start();
require_once __DIR__ . '/../app/init.php';

$auth = new AuthController();
$admin = new AdminController();
$doc = new DocumentController();

// Logout
if (isset($_GET['logout'])) {
    $auth->logout();
    exit;
}

// Register
if (isset($_GET['register'])) {
    $auth->register();
    exit;
}

// Belum login
if (!isset($_SESSION['user'])) {
    $auth->login();
    exit;
}

// View PDF raw content (embedded)
if (isset($_GET['view_doc'])) {
    $doc->viewPdfContent($_GET['view_doc']);
    exit;
}
```

```php
// Edit dokumen via modal submit
if (isset($_POST['edit_submit'])) {
    $doc->edit(); // Sudah aman di controller
    exit;
}

// Admin dashboard
if ($_SESSION['user']['role'] == 'admin') {
    if (isset($_POST['add_user'])) $admin->addUser();
    elseif (isset($_GET['delete_user'])) $admin->deleteUser($_GET['delete_user']);
    else $admin->dashboard();
} else {
    // User dashboard
    if (isset($_GET['delete_doc'])) $doc->delete($_GET['delete_doc']);
    elseif ($_SERVER['REQUEST_METHOD'] === 'POST') $doc->upload(); // Upload PDF
    else $doc->dashboard(); // Default: tampilkan dashboard
}

?>
```

struktur folder