Analisis MVC Peminjaman Buku Perpustakaan USM

1. **Tabel Peminjaman**

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| **Model** | **View** | **Controller** |
| Tabel Peminjaman : Struktur :   * Id\_peminjaman (int 11 ) * tanggal\_pinjam (date) * tanggal\_kembali (date) * id\_buku (int 11) * id\_anggota (int 11)   Method :   * tambah\_pnjm() * delete\_pnjm() * cari\_data() * tampil\_pnjm() | Halaman form tambah peminjaman = tambah\_pnjm  Halaman konfirmasi hapus = delete\_pnjm Halaman Pencarian data = cari\_data Halaman tampil data = tampil\_pnjm Halaman Dashboard  Halaman login | Controller Peminjaman Method :  **Index** = 1. Halaman login - panggil view halaman login = login.php  2. Halaman Dashboard - panggil view dashboard - dashboard.php  **Tampil ()** = Panggil model -> tampil\_pnjm () Panggil view -> Halaman Tampil Data  = Panggil model -> tambah\_pnjm ()  Panggil view -> Halaman form tambah peminjaman  **Index =** 3. Halaman cari – panggil view cari = cari.php  4. Halaman konfirmasi hapus – panggil view delete = delete.php |
| Peminjam\_m.php | * Tambah.php * Delete.php * Cari.php * Tampil.php * Login.php * Dashboard.php | Peminjaman.php |

1. **Tabel Buku**

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| **Model** | **View** | **Controller** |
| Tabel Buku Struktur   * Id\_buku (char 20) * Kode\_buku (char 10) * Judul\_buku (char 50) * Penerbit (char 30) * Penulis (char 50) * Stok (int 10) Method * Tampil\_data\_buku () * Tambah\_data\_buku() * Hapus\_data\_buku() * Cari\_buku() * Update\_data\_buku() | Halaman tampil daftar buku = tampil\_data\_buku  Halaman form tambah buku = tambah\_data\_buku  Halaman pencarian data buku = cari\_data\_buku  Halaman konfirmasi hapus data buku = hapus\_data\_buku  Halaman Form Update data = update\_data\_buku | Controller Data Buku Method :  **Index = 1.** Halaman tampil data buku – panggil view tampil data buku = Tampil\_data\_buku.php  **Tampil ()** = Panggil model -> tampil\_data\_buku () Panggil view -> Halaman Tampil Daftar Buku  = Panggil model -> tambah\_data\_buku() Panggil view -> Halaman form tambah buku  = Panggil model -> update\_data\_buku () Panggil view -> Halaman Form Update  **Index = 2.** Halaman cari – panggil view cari = cari\_data\_buku.php  **3.** Halaman konfirmasi hapus – panggil view delete = delete.php |
| Buku\_m.php | * Tampil\_data\_buku.php * Tambah\_data\_buku.php * Cari\_data\_buku.php * Hapus\_data\_buku.php * Update\_data\_buku.php | Data\_buku.php |