**LAPORAN PENUGASAN TEORI PEMWEBLAN**

**RENCANA PROJECT UAS**

****

**Disusun oleh :**

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**PROGRAM DIPLOMA III TEKNIK INFORMATIKA**

**SEKOLAH VOKASI**

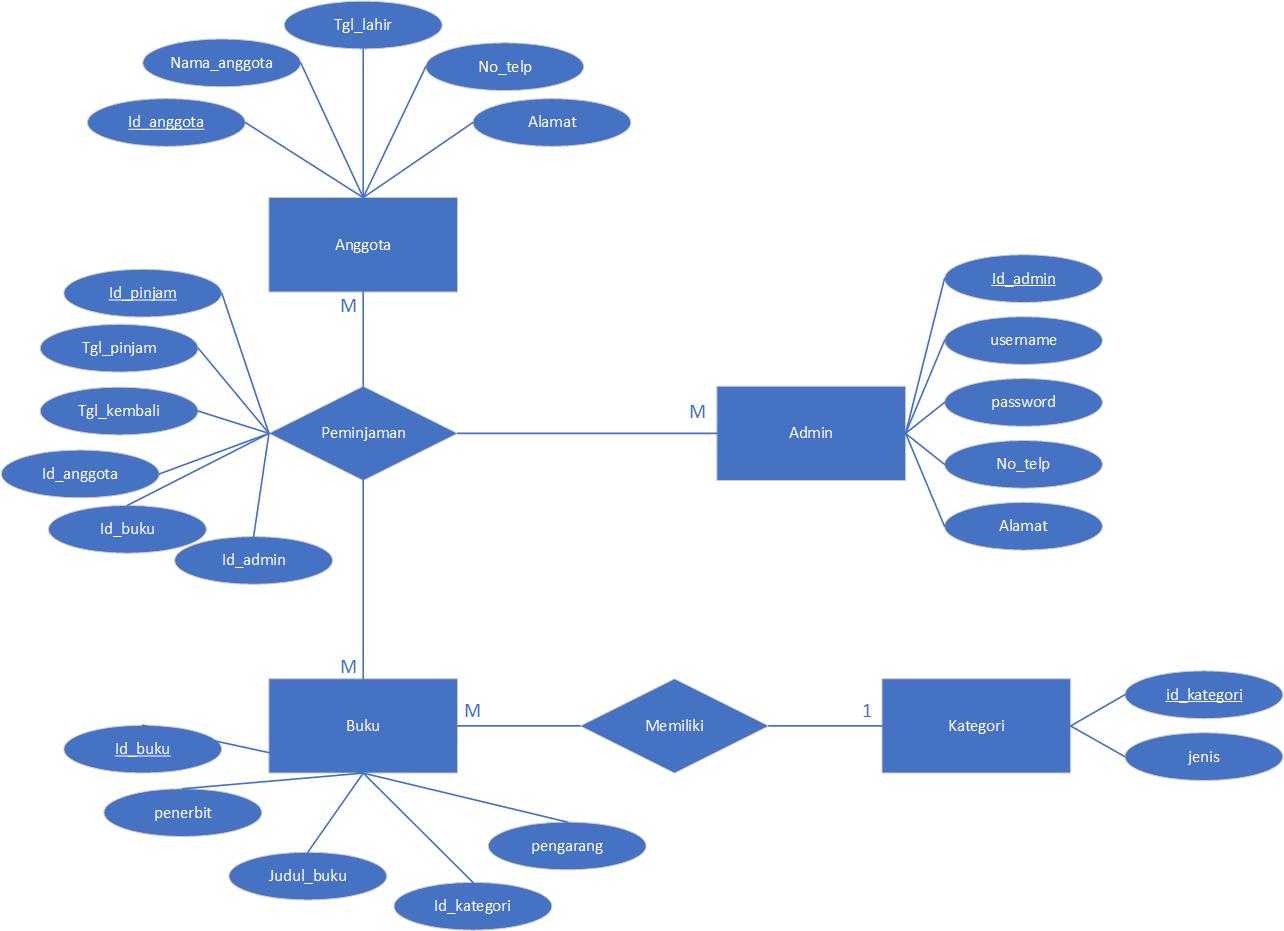
**UNIVERSITAS SEBELAS MARET**

**SURAKARTA**

**2020**

**TUGAS 6. PEMBUATAN ERD, RELASI ANTAR TABEL,DETAIL TABEL**

1. Tema Project UAS : Peminjaman Buku Perpustakaan
2. Entity Relationship Diagram (ERD)



1. Relasi Antar Tabel

|  |  |
| --- | --- |
| id\_anggota | \* |
| nama\_anggota |  |
| tgl\_lahir |  |
| no\_telp |  |
| alamat |  |

|  |  |
| --- | --- |
| id\_admin | \* |
| username |  |
| password |  |
| no\_telp |  |
| alamat |  |

|  |  |
| --- | --- |
| id\_pinjam | \* |
| tgl\_pinjam |  |
| tgl\_kembali |  |
| id\_anggota | \*\* |
| id\_buku | \*\* |
| id\_admin | \*\* |

|  |  |
| --- | --- |
| id\_buku | \* |
| judul\_buku |  |
| penerbit |  |
| pengarang |  |
| id\_kategori | \*\* |

|  |  |
| --- | --- |
| id\_kategori | \* |
| jenis |  |

1. Detail Tabel
2. Admin

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Nama Field | Type Data | Length | Keterangan |
| 1 | id\_admin | Varchar | 20 | Primary Key |
| 2 | username | Varchar | 20 |  |
| 3 | password | Varchar | 20 |  |
| 4 | no\_telp | Bigint | 20 |  |
| 5 | alamat | Text | - |  |

1. Peminjaman

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Nama Field | Type Data | Length | Keterangan |
| 1 | id\_pinjam | Varchar | 10 | Primary Key |
| 2 | tgl\_pinjam | Date | - |  |
| 3 | tgl\_kembali | Date | - |  |
| 4 | jumlah\_buku | Int | 12 |  |
| 5 | id\_anggota | Varchar | 10 | Foreign Key |
| 6 | id\_buku | Varchar | 10 | Foreign Key |
| 7 | id\_admin | Varchar | 20 | Foreign Key |

1. Buku

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Nama Field | Type Data | Length | Keterangan |
| 1 | id\_buku | Varchar | 10 | Primary Key |
| 2 | judul\_buku | Varchar | 255 |  |
| 3 | penerbit | Varchar | 255 |  |
| 4 | pengarang | Varchar | 255 |  |
| 5 | id\_kategori | Varchar | 10 | Foreign Key |

1. Anggota

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Nama Field | Type Data | Length | Keterangan |
| 1 | id\_anggota | Varchar | 10 | Primary Key |
| 2 | nama\_anggota | Varchar | 20 |  |
| 3 | tgl\_lahir | Date | - |  |
| 4 | no\_telp | Bigint | 20 |  |
| 5 | alamat | Text | - |  |

1. Kategori

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Nama Field | Type Data | Length | Keterangan |
| 1 | id\_kategori | Varchar | 10 | Primary Key |
| 2 | jenis | Varchar | 255 |  |