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**Kelas : A**

**Skrip SQL & Tabel**

1. **Skrip SQL Create Database**

-- Database: `projectpbo\_db`

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-- Table structure for table `barang`

CREATE TABLE `barang` (

`ID\_BARANG` int(11) NOT NULL,

`MERK` varchar(20) DEFAULT NULL,

`TIPE` varchar(20) DEFAULT NULL,

`WARNA` varchar(20) DEFAULT NULL,

`MODEL` enum('Analog','Digital','','') DEFAULT NULL,

`BENTUK` enum('Lingkaran','Persegi','','') DEFAULT NULL,

`JENIS\_PENGAIT` varchar(20) DEFAULT NULL,

`JUMLAH\_KAKI` int(11) DEFAULT NULL,

`JUMLAH\_LONCENG` int(11) DEFAULT NULL,

`JENIS\_BELL` enum('Lonceng','Sound','','') DEFAULT NULL,

`DIAMETER` int(11) DEFAULT NULL,

`DIAMETER\_PENGAIT` int(11) DEFAULT NULL,

`RESISTENCE` enum('Ya','Tidak','','') DEFAULT NULL,

`HARGA` int(11) DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

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-- Table structure for table `layanan`

CREATE TABLE `layanan` (

`ID\_LAYANAN` int(11) NOT NULL,

`NAMA\_LAYANAN` varchar(20) DEFAULT NULL,

`TARIF` int(11) DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

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-- Table structure for table `transaksi`

CREATE TABLE `transaksi` (

`ID\_TRANSAKSI` int(11) NOT NULL,

`NAMA` varchar(20) DEFAULT NULL,

`NO\_TELP` int(11) DEFAULT NULL,

`ID\_BARANG` int(11) DEFAULT NULL,

`ID\_LAYANAN` int(11) DEFAULT NULL,

`JUMLAH` int(11) DEFAULT NULL,

`TOTAL` int(11) DEFAULT NULL,

`TANGGAL` timestamp NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- Indexes for table `barang`

ALTER TABLE `barang`

ADD PRIMARY KEY (`ID\_BARANG`);

-- Indexes for table `layanan`

ALTER TABLE `layanan`

ADD PRIMARY KEY (`ID\_LAYANAN`);

-- Indexes for table `transaksi`

ALTER TABLE `transaksi`

ADD PRIMARY KEY (`ID\_TRANSAKSI`),

ADD KEY `FK\_RELATIONSHIP\_1` (`ID\_BARANG`),

ADD KEY `FK\_RELATIONSHIP\_2` (`ID\_LAYANAN`);

-- AUTO\_INCREMENT for table `barang`

ALTER TABLE `barang`

MODIFY `ID\_BARANG` int(11) NOT NULL AUTO\_INCREMENT;

-- AUTO\_INCREMENT for table `layanan`

ALTER TABLE `layanan`

MODIFY `ID\_LAYANAN` int(11) NOT NULL AUTO\_INCREMENT;

-- AUTO\_INCREMENT for table `transaksi`

ALTER TABLE `transaksi`

MODIFY `ID\_TRANSAKSI` int(11) NOT NULL AUTO\_INCREMENT;

-- Constraints for table `transaksi`

ALTER TABLE `transaksi`

ADD CONSTRAINT `FK\_RELATIONSHIP\_1` FOREIGN KEY (`ID\_BARANG`) REFERENCES `barang` (`ID\_BARANG`),

ADD CONSTRAINT `FK\_RELATIONSHIP\_2` FOREIGN KEY (`ID\_LAYANAN`) REFERENCES `layanan` (`ID\_LAYANAN`);

1. **Tabel Database**

