

# **TUGAS PRAKTIKUM BASIS DATA**

**Jilid 7**



**Oleh :**

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**NRP : 3121522021**

**Prodi : D3 Teknik Informatika PENS PSDKU Sumenep**

**Kelas : 1 ITA D3 Sumenep**

**Dosen :**

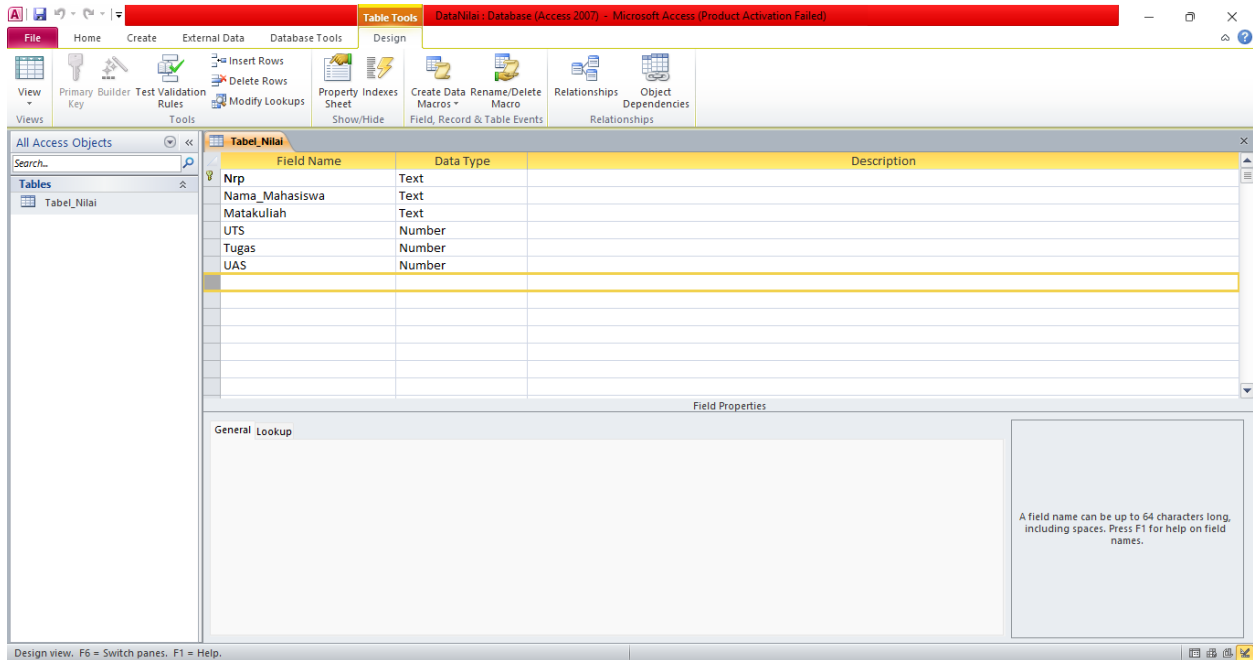
**Wiratmoko Yuwono ST,.MT**

**POLITEKNIK ELEKTRONIKA NEGERI SURABAYA**

## Latihan

1. Buat tabel Nilai, dengan struktur data sebagai berikut:

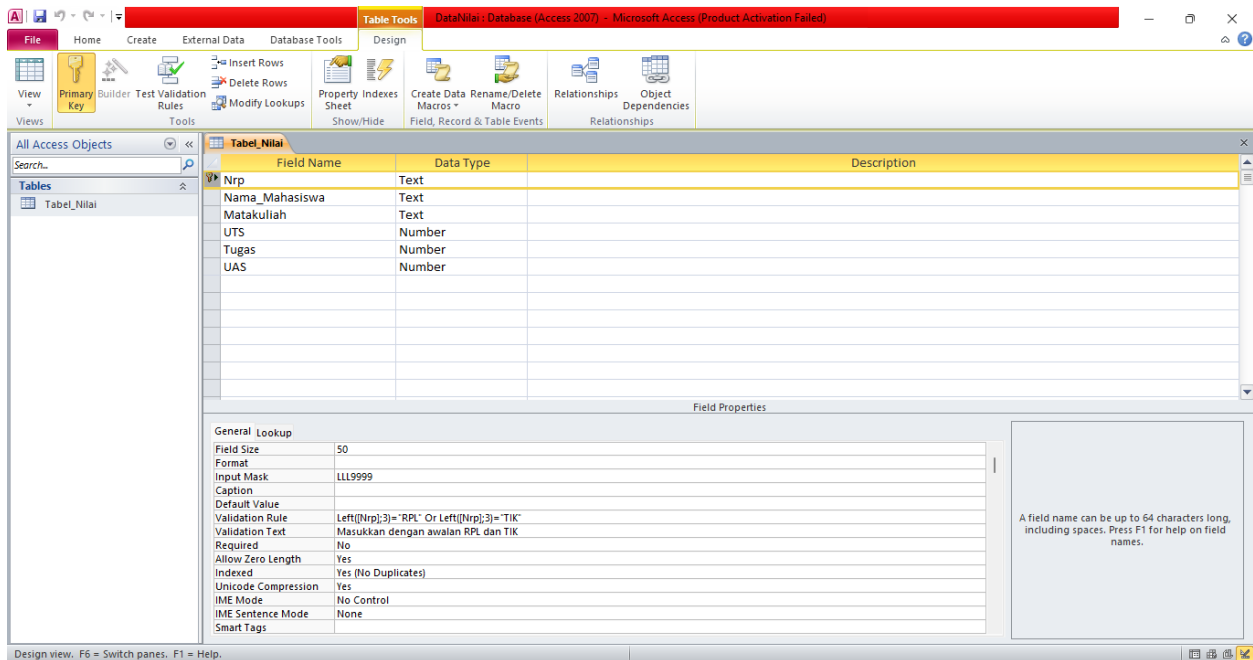
Jawab :



Ketentuan :

⌘ Buat primary key untuk Nrp

⌘ Untuk field Nrp berikan aturan data, validasi rule, seperti di bawah ini:



## 2. Masukkan data-data berikut menggunakan form Wizard

Microsoft Access (Product Activation Failed) - DataNilai : Database (Access 2007)

File Home Create External Data Database Tools Fields Table

View Paste Copy Cut Format Painter Filter Sort & Filter Selection Advanced Refresh All Delete More Find Replace Go To Select Text Formatting

All Access Objects Search... Tables Tabel\_Nilai

**Tabel\_Nilai**

Nrp	Nama_Mahasiswa	Matakuliah	UTS	Tugas	UAS	Click to Add
RPL1234	M. Keyboard	Bahasa Program 1	75	80	95	
RPL3211	A. Mouse	JST	90	89	100	
TIK1233	S. Speaker	Fuzzy	96	84	78	
TIK3122	T. Monitor	Image Processing	90	90	90	
*						

Record: 1 of 5 of 5 No Filter Search

Field List: No fields available to be added to the current view.

Microsoft Access (Product Activation Failed) - DataNilai : Database (Access 2007)

File Home Create External Data Database Tools Fields Table

Application Parts Templates Table Table Design SharePoint Lists Query Wizard Design Query Design Form Form Design Blank Form More Forms Form Wizard Navigation Report Wizard Labels Report Report Design Blank Report Reports Macro Module Class Module Visual Basic Macros & Code

All Access Objects Search... Tables Tabel\_Nilai

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Record: 1 of 5 of 5 No Filter Search

Datasheet View

## Form Wizard



Which fields do you want on your form?

You can choose from more than one table or query.

### Tables/Queries

Table: Tabel\_Nilai

### Available Fields:

Nrp  
Nama\_Mahasiswa  
Matakuliah  
UTS  
Tugas  
UAS



### Selected Fields:

Cancel

< Back

Next >

Finish

## Form Wizard



Which fields do you want on your form?

You can choose from more than one table or query.

### Tables/Queries

Table: Tabel\_Nilai

### Available Fields:



### Selected Fields:

Nrp  
Nama\_Mahasiswa  
Matakuliah  
UTS  
Tugas  
UAS

Cancel

< Back

Next >

Finish

**Form Wizard**

What title do you want for your form?

Entry Data Nilai

That's all the information the wizard needs to create your form.

Do you want to open the form or modify the form's design?

☐ Open the form to view or enter information.

☒ Modify the form's design.

Cancel < Back Next > Finish

Microsoft Access (Product Activation Failed)

**Form Design Tools**

File Home Create External Data Database Tools Design Arrange Format

Views Themes Colors Aa XXXX Insert Image Logo Title Date and Time Header / Footer Add Existing Fields Property Sheet Tab Order Subform in New Window View Code Convert Form's Macros to Visual Basic

**All Access Objects**

Search...

**Tables**

Tabel\_Nilai

**Forms**

Entry Data Nilai

**Entry Data Nilai**

Form Header

Entry Data Nilai

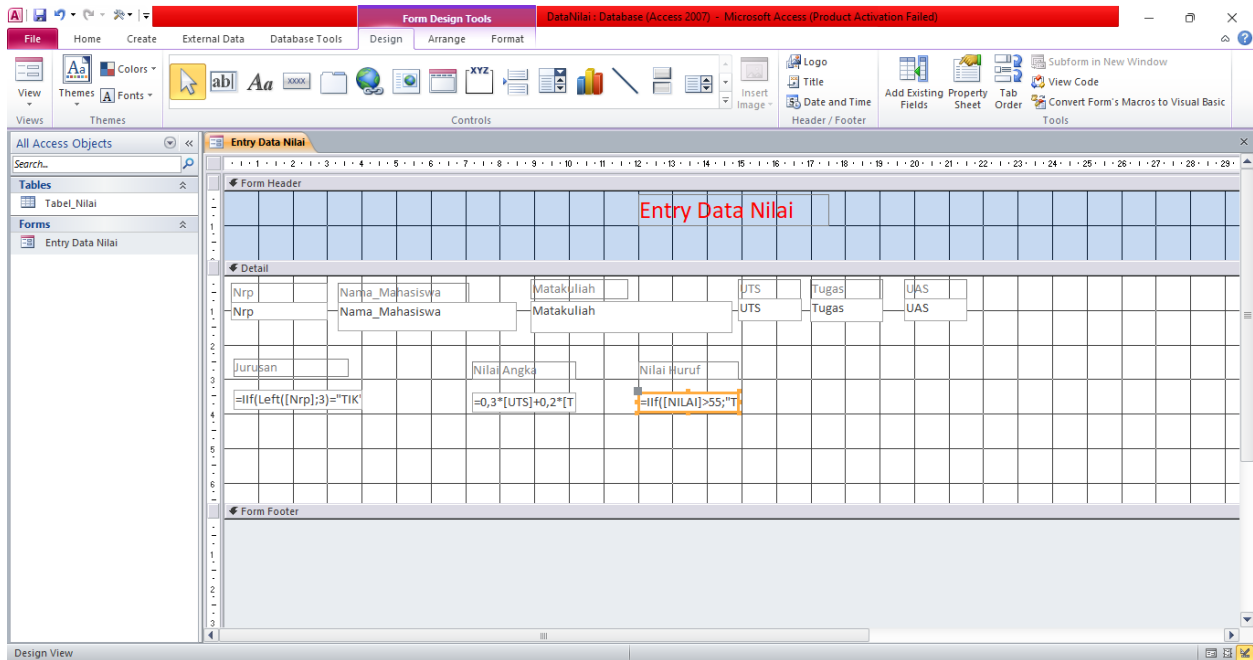
Detail

Nrp	Nama_Mahasiswa	Matakuliah	UTS	Tugas	UAS
Nrp	Nama_Mahasiswa	Matakuliah	UTS	Tugas	UAS
Jurusan	Nilai_Angka	Nilai_Huruf			
=IIf(Left([Nrp];3)="TIK"	=0,3*[UTS]+0,2*[T	=IIf([NILAI]>55;"T			

Form Footer

Design View

3. Kemudian modifikasi bentuk formnya seperti berikut :



Ketentuan :

- ⌘ Tambahkan label untuk menambahkan informasi jurusan. Pilih pada toolbox Ab, lalu ketik di kotak unbound sebagai berikut: `=IIf(Left([Nrp];3)=\"TIK\", \"Teknik Informatika\", \"Rekayasa\")`
- ⌘ Tambahkan juga label untuk nilai angka. Pilihlah pada toolbox Ab, lalu ganti properties name menjadi nilai, caranya aktifkan menu properties, pilih other, pilih name, ketik nilai. Kemudian dikotak unbound ketik perintah sebagai berikut: `=0.3*[UTS]+0.2*[TUGAS]+0.5*[UAS]`
- ⌘ Tambahkan juga label untuk informasi kelulusan, seperti cara di atas, lalu ketik sebagai berikut : `=IIf([NILAI]>55 ;\"Tidak Lulus\" ;\"Lulus\")`

4. Lihat hasilnya apakah salah satu contohnya seperti berikut :

Microsoft Access (Product Activation Failed)

File Home Create External Data Database Tools

View Paste Copy Cut Paste Format Painter Clipboard

Filter Ascending Descending Selection Advanced Remove Sort Toggle Filter Sort & Filter

Refresh New Save Spelling Find Replace Go To Select Find

Records More Text Formatting

All Access Objects

Search...

Tables

Tabel\_Nilai

Forms

Entry Data Nilai

### Entry Data Nilai

Nrp	Nama_Mahasiswa	Matakuliah	UTS	Tugas	UAS
RPL3211	A. Mouse	JST	90	89	100

Jurusan

Rekayasa

Nilai Angka

94,8

Nilai Huruf

Lulus

Record: 14 of 4

Form View