

Laporan Tugas Basisdata II

Hanif Amrullah / 1184020

November 24, 2019

1 Langkah-Langkah Membuat Aplikasi dengan Oracle

Berikut langkah-langkah membuat aplikasi apex.

1. pertama-tama pastikan anda sudah membuat datanya terlebih dahulu dengan *Excel* seperti contoh dibawah :

A screenshot of a Microsoft Excel spreadsheet titled "tabel_siswa". The table contains student information with columns for NIM, Nama, Alamat, Kelas, and Jurusan. The data includes rows for students like Hanif Amrullah, Indra Riwani, and others. The table is set against a white background with black text and standard Excel grid lines.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
	A2	B2	C2	D2	E2	F2	G2	H2	I2	J2	K2	L2	M2	N2	O2	P2	Q2
1	Entri Data	Baru	Dosen														
2	303	ABDUSANTO	Jln. Basuki Rachmat no 4 no 40 RT 17 RW 02, Kel. Nagri Kudu, Kec. Purwakarta 41112														
3	304	INDRA RIWANI	Jalan sebelah dg jl no 25 sumuray, medura, java timur														
4	305		Kel. Medura, Kec. Purwakarta, Provinsi Jawa Barat, Indonesia														
5	306	APRAHMAN SHAFI	Jl. Arjuno 6 no. Subuhayu dan cileunca kecamatan purwakarta														
6	307	HARIS	Sertifikat Bina 2 No 124/C-170/2017														
7	308	NUHMAYAH	Sertifikat Bina 2 No 124/C-170/2017														
8	309	MUHAMMAD LIDAN	Jalan Imam Syafi'i No. 2 No. 9 Kartasari, Sandakarya, Kota Mataram, NTB														
9	310	ZAKARYA SUTOMO	Jl. Jendral Sudirman 162/168 Sumbergading Cireme 41225														
10	311	ABDUL MAJID	Kecamatan Bangil di kabupaten Aceh besar daerah otonomi NAD. D. Gengur desa Kutu Tuha														
11	312	SHEIKH MUSAHIMAH	Kecamatan Bangil di kabupaten Aceh besar daerah otonomi NAD. D. Gengur desa Kutu Tuha														
12	313	AGUASAH APRIYO	Kel. Leuwungung No. 72 Rt/Rw 02/Ds. Batulung Kel. Cih F. Kab. Bandung Barat Prov. Jawa Barat 40562														
13	314	M. FAITHU INDRI	Gemp. Raya Jln. Mahakam/121 Ruko Pj. No. 145 RT05 RW12 Kel. Margasari Kel. Bandung														
14	315	MHS	Taman Cicaway Indah 227														
15	316	NURKALMI	Taman Cicaway Indah 227														
16	317	ABDUL HAMID	Taman Cicaway Indah 227														
17	318	MUHAMMAD ASY'AR	Jl. Dr. Wahidin Sudirohusodo, Kab. Bone, Sulsel														
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Figure 1:

	Kode Mahasiswa	Kode Dosen	Waktu	Pertemuan
2	TIA42020	ADS	Sekian, 30-07-13:40	Gd. Pendidikan
3	TIA42021	ADS	Sekian, 30-07-13:40	Gd. Pendidikan
4	PP1234	IVR	Rabu, 08-08-12:00	Gd. Pendidikan
5	TIA41112	AMH	Jumat, 07-08-12:00	Gd. Pendidikan
6	TIA4359	MAR	Sabtu, 07-08-12:00	Gd. Pendidikan
7	TIA41122	DTH	Sabtu, 07-08-12:00	Gd. Pendidikan
8	TIA41122	MHL	Sabtu, 07-08-12:00	Gd. Pendidikan
9	TIA4342	WNS	Rabu, 13-08-16:40	Gd. Pendidikan

Figure 2:

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	nm	nm	nm	nm	nm	nm	nm	nm	nm	nm	nm	nm	nm	nm
2	1164603	EWK	1	Acara	16/08/1982									
3	1164604	EWK	1	Acara	16/08/1982									
4	1164605	EWK	1	Acara	16/08/1982									
5	1164606	EWK	1	Acara	16/08/1982									
6	1164607	EWK	1	Acara	16/08/1982									
7	1164608	EWK	1	Acara	16/08/1982									
8	1164609	EWK	1	Acara	16/08/1982									
9	1164610	EWK	1	Acara	16/08/1982									
10	1164611	EWK	1	Acara	16/08/1982									
11	1164612	EWK	1	Acara	16/08/1982									
12	1164613	EWK	1	Acara	16/08/1982									
13	1164614	EWK	1	Acara	16/08/1982									
14	1164615	EWK	1	Acara	16/08/1982									
15	1164616	EWK	1	Acara	16/08/1982									
16	1164617	EWK	1	Acara	16/08/1982									
17	1164618	EWK	1	Acara	16/08/1982									
18	1164619	EWK	1	Acara	16/08/1982									
19	1164620	EWK	1	Acara	16/08/1982									
20	1164621	EWK	1	Acara	16/08/1982									
21	1164622	EWK	1	Acara	16/08/1982									
22	1164623	EWK	1	Acara	16/08/1982									
23	1164624	EWK	1	Acara	16/08/1982									
24	1164625	EWK	1	Acara	16/08/1982									

Figure 3:

tabel-makalah - Microsoft Excel

	A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1	L1	M1	N1	O1	P1	Q1	R1	S1	T1	U1	V1	X1	Y1	Z1
	SISTEM OPERASI																								
1	Kode Makalah	Nama Makalah	DS	Generasi																					
2	TI42020	JARINGAN KOMPUTER	3	3																					
3	TI42021	PROGRAMMING FOR UNA	3	3																					
4	PP1234	GENERAL ENGLISH III	3	3																					
5	TI41123	DATA STRUCTURE	4	3																					
6	TI41125	PERMOGRAMAN II	4	3																					
7	TI41129	BASIS DATA II	4	3																					
8	TI41130	IMPLEMENTASI PENGETAHUAN	3	3																					
9	TI41122	ALGORITMA	4	3																					
10	TI41140	DATA BASE	4	3																					

Figure 4:

tabel-nilai - Microsoft Excel

	A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1	L1	M1	N1	O1	P1	Q1	R1	S1	T1	U1	V1	W1	X1	Y1	Z1
1	Ujian	Jenis Makalah	indeks Nilai																							
2	1184081	TI42020	A																							
3	1184081	PP1234	A																							
4	1184081	TI41123	A																							
5	1184081	TI41125	A																							
6	1184081	TI41129	A																							
7	1184081	TI41130	A																							
8	1184081	TI41122	A																							
9	1184081	TI41140	A																							
10	1184081	TI42021	A																							
11	1184081	PP1234	A																							
12	1184081	TI41123	A																							
13	1184081	TI41125	A																							
14	1184081	TI41129	A																							
15	1184081	TI41130	A																							
16	1184081	TI41122	A																							
17	1184081	TI41140	A																							
18	1184081	TI42020	A																							
19	1184081	PP1234	A																							
20	1184081	TI41123	A																							
21	1184081	PP1234	A																							
22	1184081	TI41123	A																							
23	1184081	TI41123	B																							
24	1184081	TI41140	A																							

Figure 5:

2. Kunjungi website oracle apex "<https://apex.oracle.com/en/>" dan klik sign in

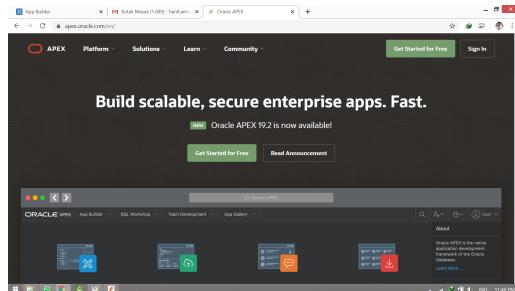


Figure 6:

3. isi WorkSpace,Username, Password

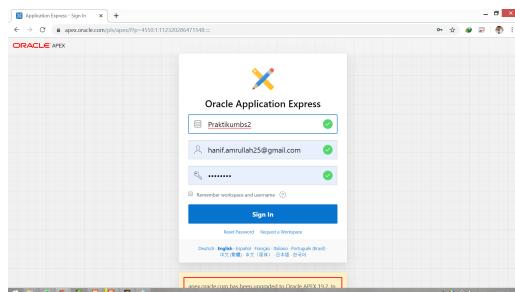


Figure 7:

4. Klik App Builder

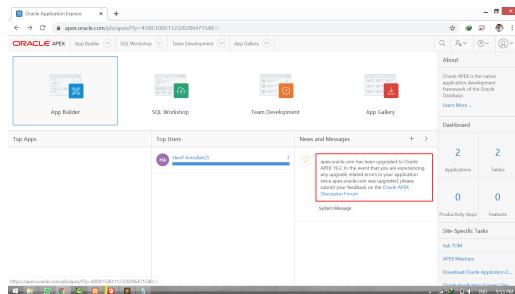


Figure 8:

5. klik Create

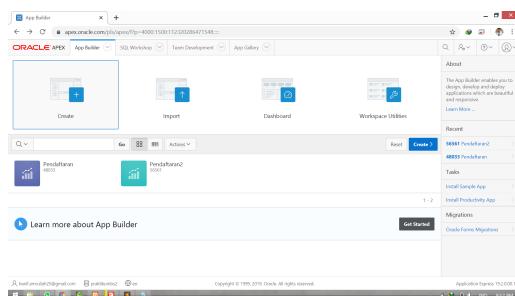


Figure 9:

6. klik Form A File

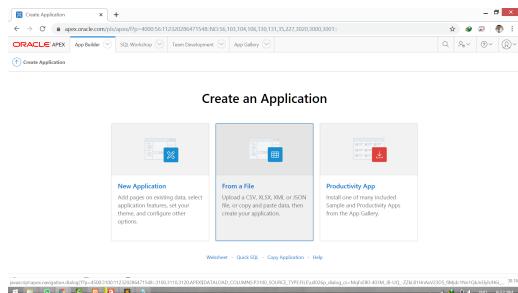


Figure 10:

7. pilih file tabel excel

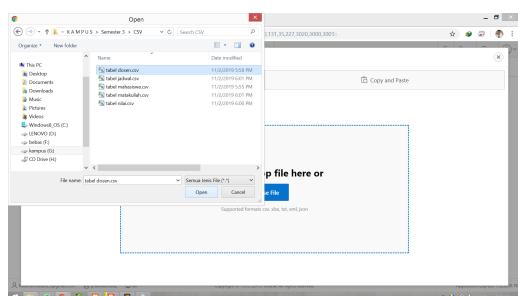


Figure 11:

8. isi nama tabel di bagian **Table Name**, lalu klik **configura** untuk mengecek ada yang error

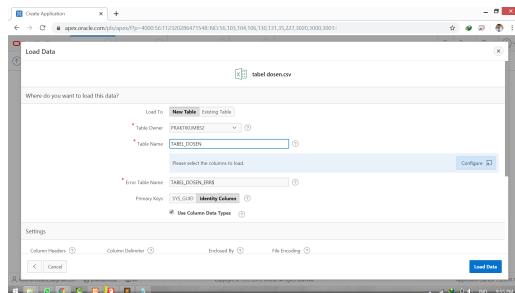


Figure 12:

9. klik **save change** apabila tidak ada error

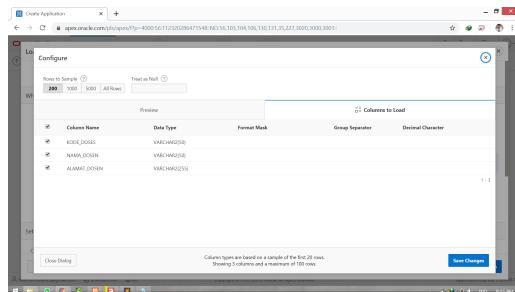


Figure 13:

10. klik load data

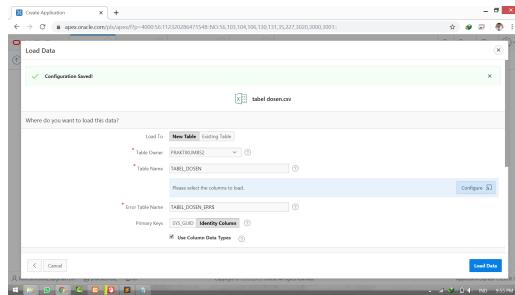


Figure 14:

11. klik Create Application

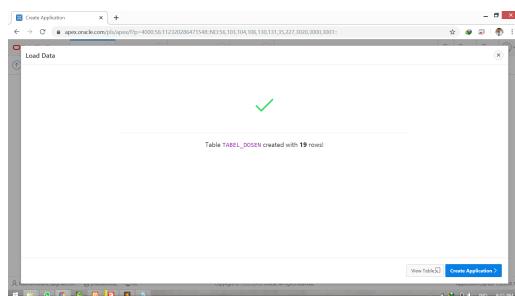


Figure 15:

12. scroll kebawah, klik **Create Application**

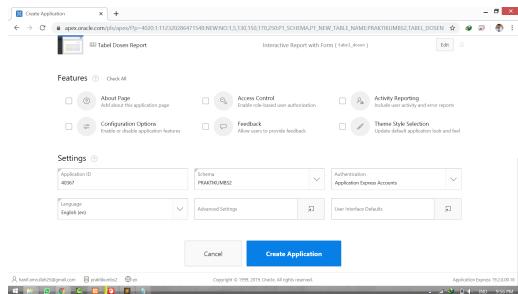


Figure 16:

13. tunggu proses

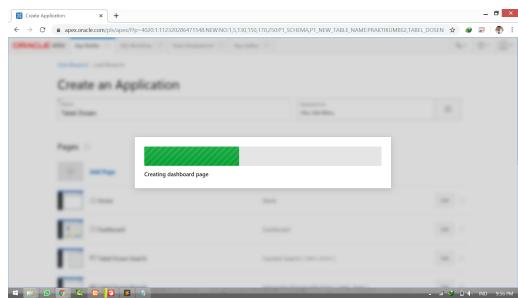


Figure 17:

14. klik **app builder** lagi dan lakukan hal yang sama seperti yang dicon-
- tohkan sebelumnya

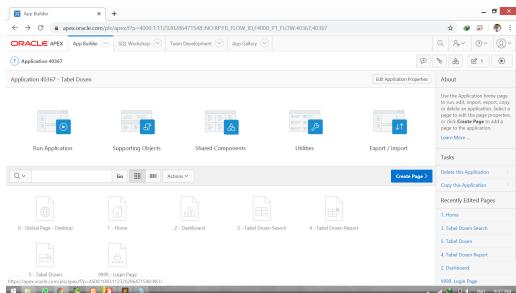


Figure 18:

15. pilih file tabel excel

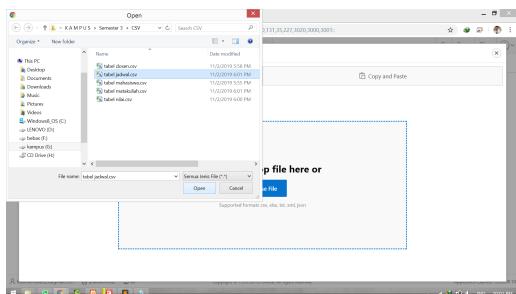


Figure 19:

16. isi nama tabel di bagian **Table Name**, lalu klik **Load Data**

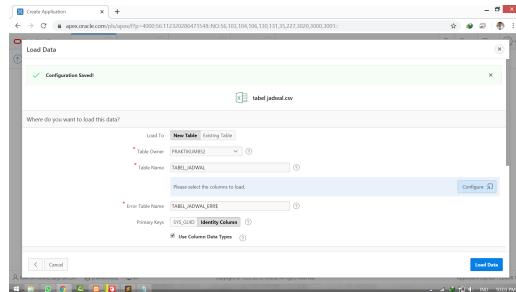


Figure 20:

17. klik **Create Application**

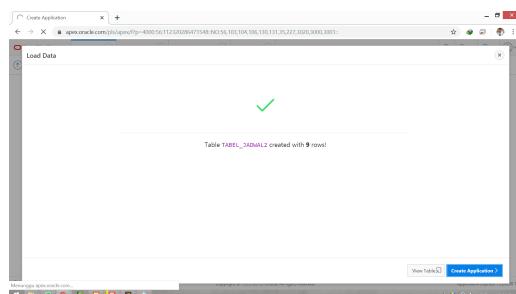


Figure 21:

18. pilih file tabel excel

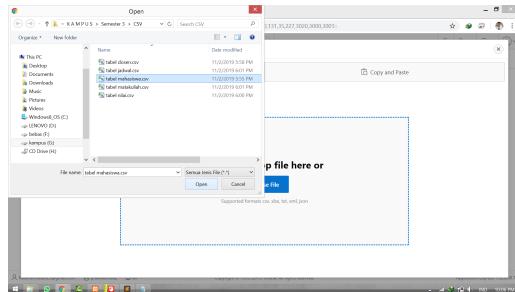


Figure 22:

19. isi nama tabel di bagian **Table Name**, lalu klik **Load Data**

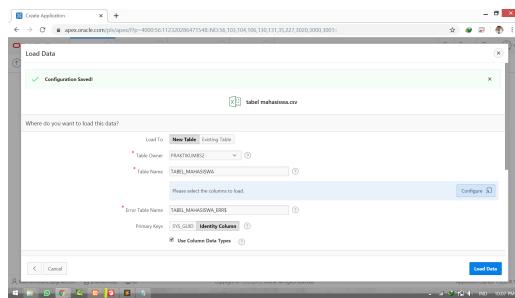


Figure 23:

20. klik Create Application

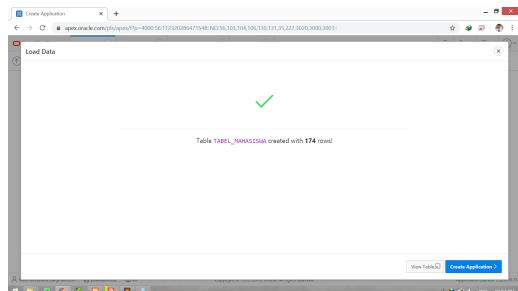


Figure 24:

21. pilih file tabel excel

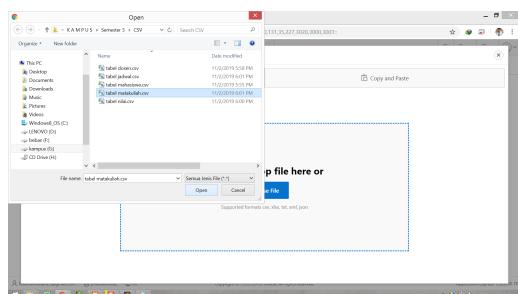


Figure 25:

22. isi nama tabel di bagian **Table Name**, lalu klik **Load Data**

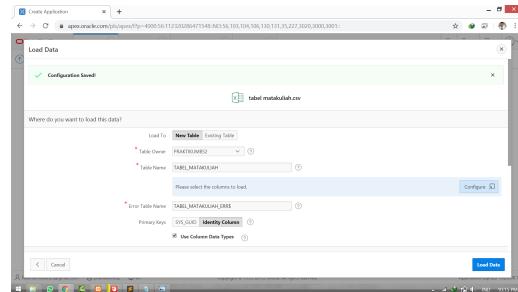


Figure 26:

23. klik **Create Application**

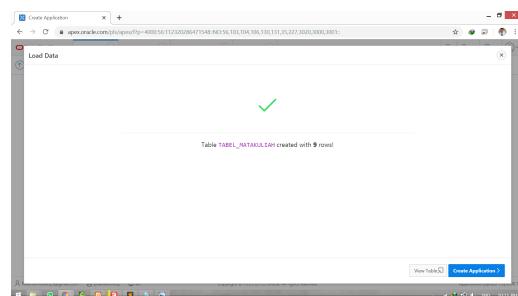


Figure 27:

24. pilih file tabel excel dan seterusnya, seperti contoh langkah-langkah sebelumnya yang sudah di jelaskan

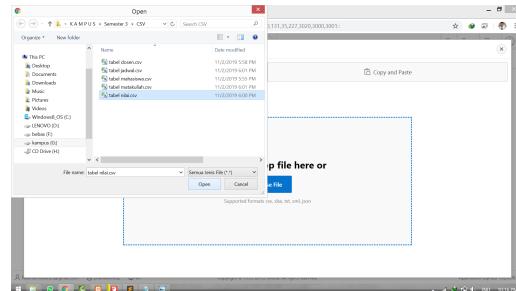


Figure 28:

25. setelah selesai mengupload data yang dibutuhkan, selanjutnya klik tabel **SQL Workshop**, klik **Object Browser**

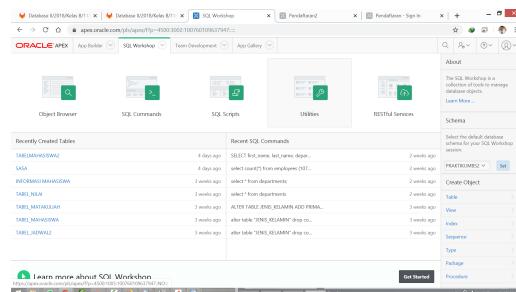


Figure 29:

klik tabel yang sudah kita upload lalu *Drop Column* tiap masing-masing table untuk mengremove column "ID"

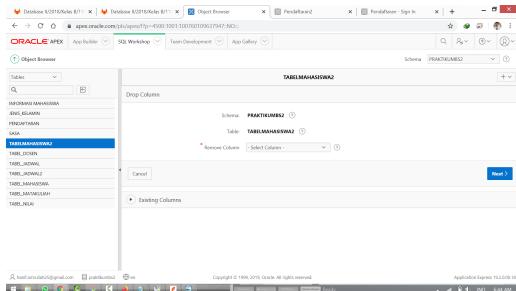


Figure 30:

26. setelah semua tabel sudah kita drop colom langkah selanjutnya ialah buka **SQL Command** disini kita akan melakukan perintah menentukan primary key untuk mengambil *unique* yang nanti tidak dapat disamakan
27. setelah selesai melakukan perintah primary key, selanjutnya ialah menentukan perintah *Foreign Key*
28. jika data telah selesao kita atur perintah *primary key dan foreign key*, langkah selanjutnya membuat aplikasi
29. klik **App Build**
30. klik **create**, lalu pilih **New Application**.

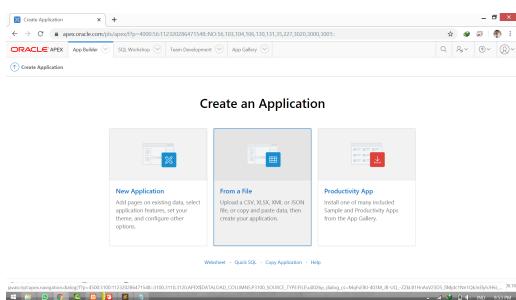


Figure 31:

31. Tambahkan saja tabel yang kita perlu, lalu klik **Create Application**

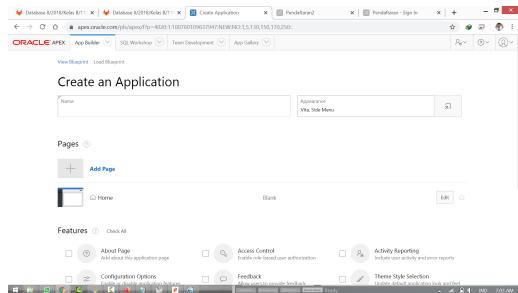


Figure 32:

32. setelah selesai maka coba *run*, jika berhasil akan tampil seperti ini

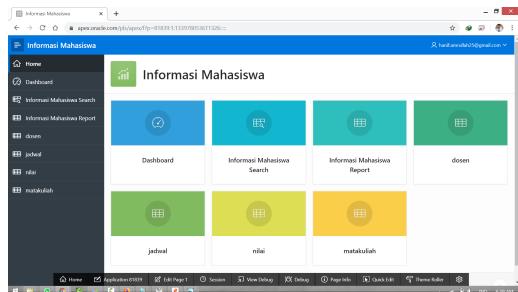


Figure 33:

link : <https://apex.oracle.com/pls/apex/f?p=81839:1:133978053611326::::>

workspace : Praktikums2

id : hanif.amrullah25@gmail.com

pw : zxasqw12