

# DB PRAKTIKUM APEX

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D4 TI 2B

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# 1 Tutorial Apex

## 1.1 Apa yang dimaksud dengan Oracle Application Express (APEX)?

Oracle Application Express (APEX) adalah platform pengembangan *low-code* yang memungkinkan Anda membangun aplikasi perusahaan yang dapat diskalakan dan aman, dengan fitur kelas dunia, yang dapat digunakan di mana saja.

## 1.2 Pembuatan Akun

Untuk membuat akun anda dapat mengikuti langkah-langkah berikut;

- Buka link <https://apex.oracle.com/en/>

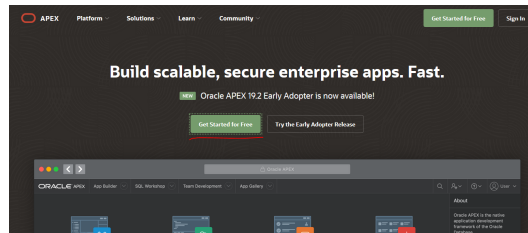


Figure 1: Gambar 1.0

- Kemudian klik tombol *Get Started for Free*
- Pilih *Request a Free Workspace*

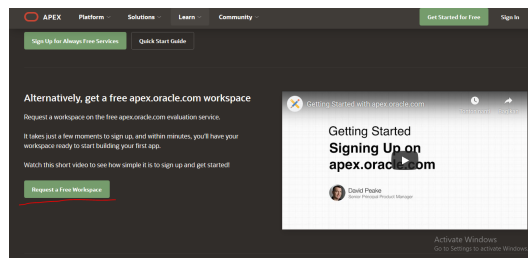


Figure 2: Gambar 1.1

- Isi untuk memenuhi persyaratan

ORACLE APEX

### Request a Workspace

Step 1 of 3

\* First Name:

\* Last Name:

\* Email:

\* Workspace:

A link to activate your workspace will be sent to this email address.

\* Workspace:

The workspace name uniquely identifies your development environment and is used when logging in.

Figure 3: Gambar 1.2

### Request a Workspace

Step 2 of 3

Please help us by filling out this short survey prior to signing up for a workspace. The information provided by you will be collected and used pursuant to the [Oracle Privacy Policy](#).

\* Are you new to Oracle Application Express?

☒ Yes  
☐ No

\* Do you plan to use this workspace for a university class or training?

☒ Yes  
☐ No

Figure 4: Gambar 1.3

### Request a Workspace

Step 3 of 3

This information helps the Application Express administrator understand how you intend to use this service.

\* Why are you requesting this service? ⓘ

Figure 5: Gambar 1.4

Request a Workspace

ORACLE APPLICATION EXPRESS SERVICE AGREEMENT

PLEASE SCROLL DOWN AND READ ALL OF THE FOLLOWING TERMS OF USE CAREFULLY. THIS IS A LEGAL AGREEMENT ("AGREEMENT") BETWEEN YOU AND ORACLE AMERICA, INC., STATING THE TERMS AND CONDITIONS THAT GOVERN YOUR USE OF THE ORACLE APPLICATION EXPRESS SERVICE. IF YOU ARE ENTERING INTO THIS AGREEMENT ON BEHALF OF A COMPANY OR LEGAL ENTITY, YOU REPRESENT THAT YOU HAVE THE AUTHORITY TO BIND SUCH ENTITY TO THESE TERMS AND CONDITIONS. IN WHICH CASE THE TERMS "YOU" AND "YOUR" SHALL REFER TO SUCH ENTITY. BY CLICKING "I ACCEPT" OR BY USING THE ORACLE APPLICATION EXPRESS SERVICE, YOU ARE AGREEING TO ALL OF THE TERMS AND CONDITIONS, INCLUDING, WITHOUT LIMITATION, THE FOLLOWING TERMS. YOU MAY CLICK "I DO NOT ACCEPT."

☒ I accept the terms

< Cancel Next >

Figure 6: Gambar 1.5

Request a Workspace

Confirmation

Workspace Name DBPRAKTIKUM

First Name Ahmad

Last Name Agung

Administrator Email ahmadagung30@gmail.com

< Cancel Submit Request

Figure 7: Gambar 1.6

## 1.3 Membuat App Pada APEX

- Masuk ke menu *login* APEX

Oracle Application Express

DBPRAKTIKUM

ahmadagung30@gmail.com

Remember workspace and username ⓘ

Sign In

Reset Password Request a Workspace

Deutsch English Español Français Italiano Português (Brasil) 中文 (繁體) 中文 (简体) 日本語 한국어

Figure 8: Gambar 2.0

- Pilih *App Builder*

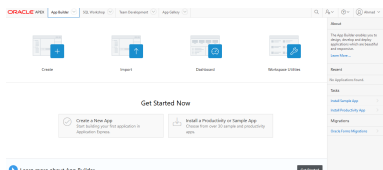


Figure 9: Gambar 2.1

- Kemudian pilih *Create a New App*

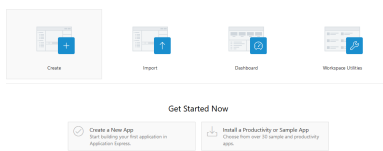


Figure 10: Gambar 2.2

- Pastikan anda memiliki data berbentuk CSV, pilih *From a File*

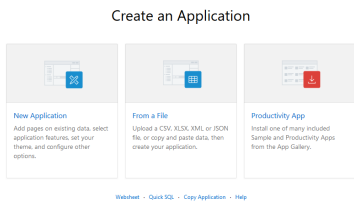


Figure 11: Gambar 2.4

- Pilih file CSV

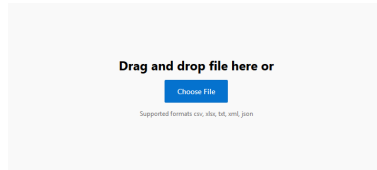


Figure 12: Gambar 2.5

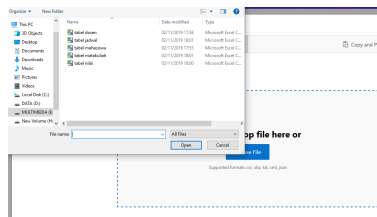


Figure 13: Gambar 2.6

- Tambahkan nama tablenya, kemudian *load data*

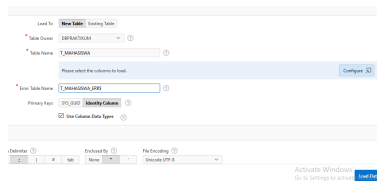


Figure 14: Gambar 2.7

- Jika selesai load data, jangan langsung di buat aplikasinya karena kita akan menambahkan tabel lagi. Klik tanda silang pada ujung kanan atas.

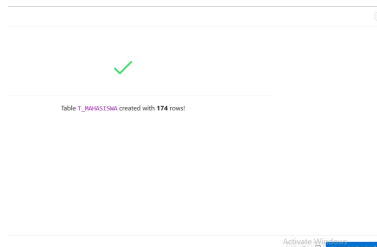


Figure 15: Gambar 2.8

- Kemudian jika telah selesai menambahkan table mahasiswa,dosen,jadwal,matakuliah,dan nilai selanjutnya pilih add page serta menambahkan nama aplikasinya.

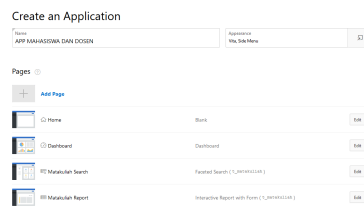


Figure 16: Gambar 2.9

- Pilih *Interactive Report*

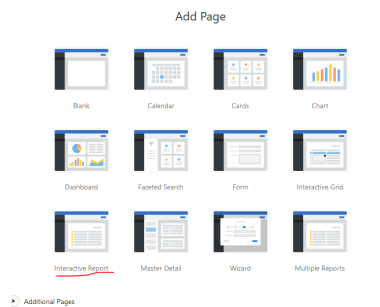


Figure 17: Gambar 2.10

- Tambahkan nama report-nya, dan memilih tabel. Jika anda ingin membuat tabel lebih bagus anda dapat menambahkan icon pada table.

Add Report Page

Page Name

Table or View

Table or View

Include Form

Drill Down Link

Advanced

Figure 18: Gambar 2.11

Search Dialog

Table or View

T\_DOSEN

T\_JADWAL

T\_MAHASISWA

T\_MATAKULIAH

T\_NILAI

Load More Rows

Figure 19: Gambar 2.12

Add Report Page

Page Name

T\_DOSEN\_REPORT

Table or View

Table or View

Include Form

Drill Down Link

Advanced

Figure 20: Gambar 2.13



- Jika setelah ditambahkan maka akan tampil seperti gambar dibawah.

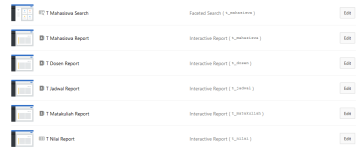


Figure 21: Gambar 2.14

- Selanjutnya anda tinggal membuat aplikasinya dengan menekan *create application*

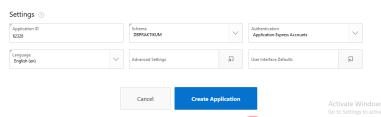


Figure 22: Gambar 2.15

- Tunggu hingga selesai pembuatan aplikasinya



Figure 23: Gambar 2.16

- Pilih *Run Application*

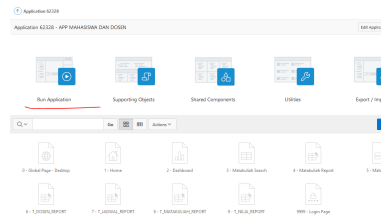


Figure 24: Gambar 2.17

- Masukkan *email* dan *password*

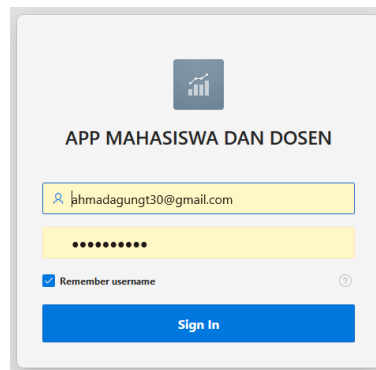


Figure 25: Gambar 2.18

- Aplikasinya telah jadi

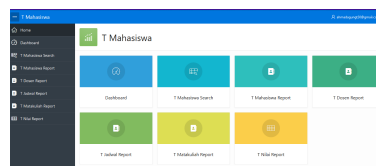


Figure 26: Gambar 2.19

## 1.4 Akun

- *Link* : [https://apex.oracle.com/pls/apex/f?p=76526:LOGIN\\_DESKTOP:114099522804376::::](https://apex.oracle.com/pls/apex/f?p=76526:LOGIN_DESKTOP:114099522804376::::)
- *User* : ahmadagunt30@gmail.com
- *Pass* : Ahmad3010