

Database II Praktikum Apex

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D4 TI 2B

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1 Oracle Apex

1.1 Pengertian Oracle Apex

Oracle Apex adalah suatu platform pengembangan kode rendah yang memungkinkan anda membangun sebuah aplikasi perusahaan yang dapat diskalakan dan aman dengan fitur *world-class* yang dapat digunakan perangkat lunak apapun. Oracle apex juga merupakan lingkungan pengembangan perangkat lunak berbasis web yang berjalan pada *database*.

1.2 Buat Akun Oracle Apex

1. pertama buka link <https://apex.oracle.com/en/>
2. kemudian klik *sign in*

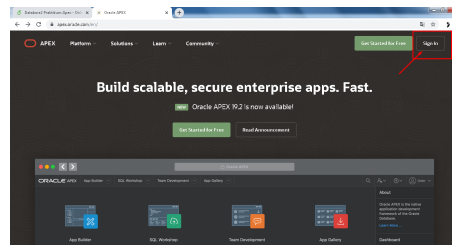


Figure 1: klik *sign in*

3. kemudian klik *request a work space*

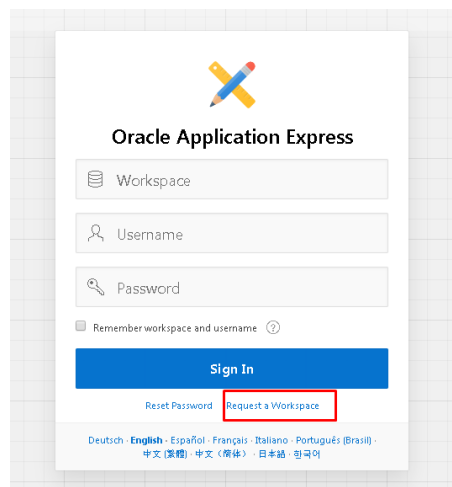


Figure 2: klik *request a work space*

4. kemudian isi data seperti gambar dibawah ini, kemudian klik *next*

The screenshot shows the first step of a multi-step form titled "Request a Workspace". The progress bar at the top has four steps, with the first step, "Personal Information", being active and highlighted with a blue dot. The form contains the following fields:

- * First Name:
- * Last Name:
- * Email: (A link to activate your workspace will be sent to this email address.)
- * Workspace: (This workspace name uniquely identifies your development environment and is used when signing in.)

At the bottom, there are two buttons: a grey "Cancel" button with a left arrow and a blue "Next" button with a right arrow.

Figure 3: isi data

5. kemudian pilih, jika sudah *next*

The screenshot shows the second step of the "Request a Workspace" form, titled "Survey". The progress bar now has the first step completed (green dot) and the second step, "Survey", active (blue dot). The form includes a disclaimer: "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." Below this, there are two questions, each with radio button options for "Yes" and "No":

- * Are you new to Oracle Application Express?
Yes No
- * Do you plan to use this workspace for a university class or training?
Yes No

At the bottom, there are two buttons: a grey "Cancel" button with a left arrow and a blue "Next" button with a right arrow. A red arrow points to the "Next" button.

Figure 4: pilih

6. isi alasan, kemudian klik *next*

The screenshot shows the third step of the "Request a Workspace" form. The progress bar has the first two steps completed (green dots) and the third step, "Reason for Requesting", active (blue dot). The form includes a disclaimer: "This information helps the Application Express administrator understand how you intend to use the service." Below this, there is a question: "* Why are you requesting this service?" followed by a text area. The text area contains the word "study".

At the bottom, there are two buttons: a grey "Cancel" button with a left arrow and a blue "Next" button with a right arrow. A red arrow points to the "Next" button.

Figure 5: isi alasan

7. *request workspace* pilih *i accept the terms* kemudian klik *next*

The screenshot shows the 'Request a Workspace' interface at the 'Agreement' step. A progress bar at the top has four green dots and one blue dot labeled 'Agreement'. Below the progress bar is a scrollable text area containing the 'ORACLE APPLICATION EXPRESS SERVICE AGREEMENT'. At the bottom, there is a checkbox labeled 'I accept the terms' which is checked, and a red arrow points to it. To the right of the checkbox is a blue 'Next >' button, also indicated by a red arrow. There are also '<' and 'Cancel' buttons on the left.

Figure 6: *request workspace*

8. berikut tampilan *confirmation*, jika sudah benar klik *submit request*

The screenshot shows the 'Request a Workspace' interface at the 'Confirmation' step. The progress bar now has five green dots and one blue dot labeled 'Confirmation'. Below the progress bar, the form displays the following details: 'Workspace Name: aheng', 'First Name: walhyu', 'Last Name: ardi', and 'Administrator Email: walhyuardi44@gmail.com'. At the bottom, there is a blue 'Submit Request' button, indicated by a red arrow. There are also '<' and 'Cancel' buttons on the left.

Figure 7: *confirmation*

9. *workspace requested*, kemudian buka gmail

The screenshot shows a confirmation screen titled 'Workspace Requested!'. It features a large green checkmark icon. Below the icon, the text reads: 'You will receive an email to activate your workspace once this request has been approved.'

Figure 8: *workspace requested*

10. buka gmail, buka pesan dari oracle apex, kemudian klik *create workspace*

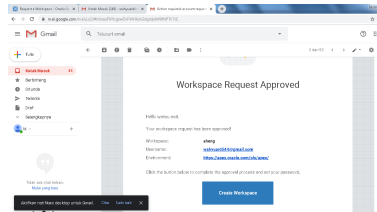


Figure 9: *create workspace*

11. kemudian klik *continue to sig in screen*

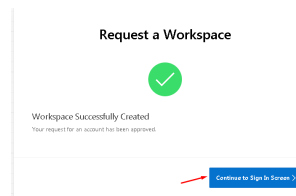


Figure 10: *continue to sig in screen*

12. *input new password* kemudian klik *applychanges*

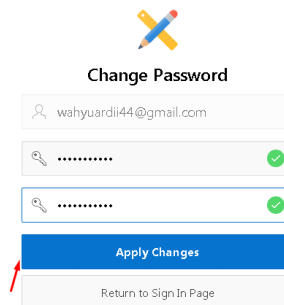


Figure 11: *applychanges*

1.3 Membuat Aplikasi di Oracle Apex

Langkah-langkahnya yaitu:

1. login dengan *akun oracle apex* anda

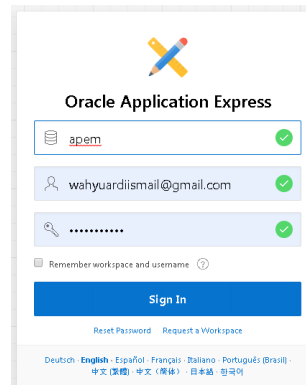


Figure 12: *login*

2. klik *app builder*

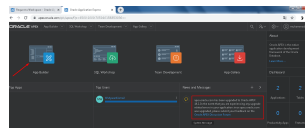


Figure 13: *app builder*

3. klik create

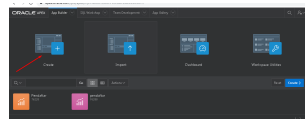


Figure 14: *create*

4. klik from a file, dengan format file microsoft excel nya csv

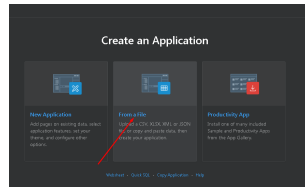


Figure 15: *from a file*

5. masukan file excelnya dengan cara drag and drop

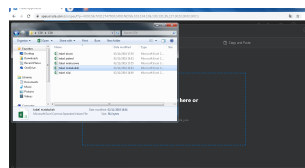


Figure 16: *drag and drop*

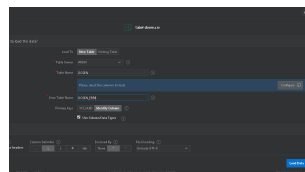


Figure 17: *tabeldosen*

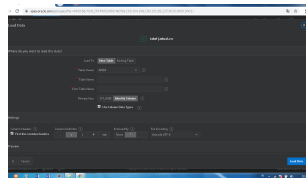


Figure 18: *tabeljadwal*

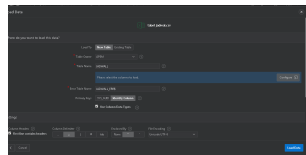


Figure 19: *tabeljadwal*

6. create application dengan nama mahasiswapolpos
7. pilih interactive report
8. add report page
9. klik create application
10. login
11. tampilan application

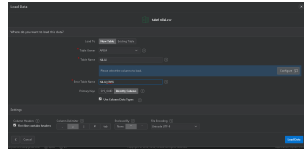


Figure 22: *tabelnilai*

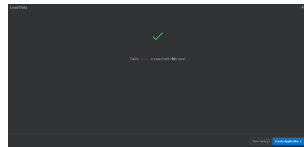


Figure 23: *klik create application*

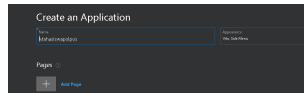


Figure 24: *create application*

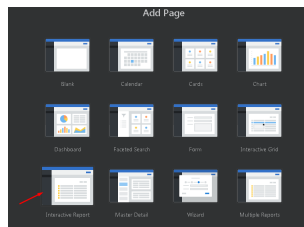


Figure 25: *interactive report*

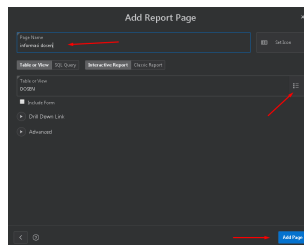


Figure 26: *add report pages*

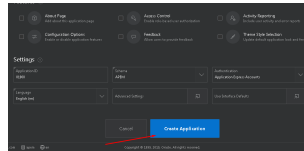


Figure 27: *create application*

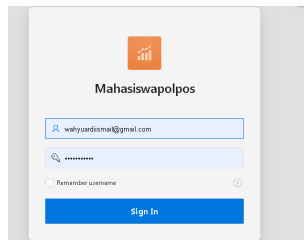


Figure 28: *login*

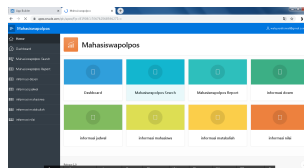


Figure 29: *tampilan application*