

LAPORAN ANALISA PROGRAM KELAS ONLINE ORACLE APEX HARI PERTAMA

Basis Data II



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*Pelatihan hari pertama kelas Online Oracle belajar tentang cara
instalasi APEX Database Online*

Program Studi D4 Teknik Informatika

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KATA PENGANTAR

Dengan menyebut nama Allah SWT yang Maha Pengasih dan Maha Penyanyang. Saya panjatkan puji syukur kehadiran-Nya yang telah melimpahkan rahmat, hidayah, serta hidayah-NyA kepada kami sehingga kami bisa menyelesaikan laporan yang berjudul "Analisa Program Kelas Online Oracle Apex".

Laporan ini sudah saya susun dengan maksimal dan mendapat bantuan dari berbagai pihak sehingga bisa memperlancar pembuatan laporan ini. Untuk itu kami menyampaikan terimakasih kepada semua pihak yang telah berkontribusi dalam pembuatan makalah ini.

Terlepas dari segala hal tersebut, Kami sadar sepenuhnya bahwa masih ada kekurangan baik dari segi susunan kalimat maupun tata bahasanya. Oleh karenanya kami dengan lapang dada menerima segala saran dan kritik dari pembaca agar kami dapat memperbaiki makalah ilmiah ini.

Oleh karena itu, pada kata pengantar ini penulis menyampaikan teriamakasih kepada :

1. Syafrial Fachri Pane, S.T., M.T.I Selaku Dosen Basis Data II .

Akhir kata kami berharap semoga laporan yang berjudul "Analisa Program Kelas Online Oracle Apex". ini bisa memberikan manfaat maupun inspirasi untuk pembaca.

Bandung, 16 Oktober 2019

Penulis

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BAB 1

Oracle Application Express

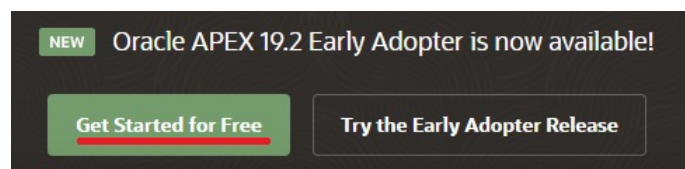
1.1 Pengenalan Oracle APEX

Oracle Application Express[1]. Adalah sebuah wadah dan sarana untuk membuat aplikasi yang menggunakan database Oracle Itu sendiri, pada kelas Online pertama saya belajar banyak hal cara Menggunakan Aplikasi Oracle Apex online yang di dalam video sudah diberikan link diantaranya Request Workspace, Create Workspace, Membuat Spreadsheet Pertama.

1.2 Tahapan Membuat Aplikasi Oracle Apex

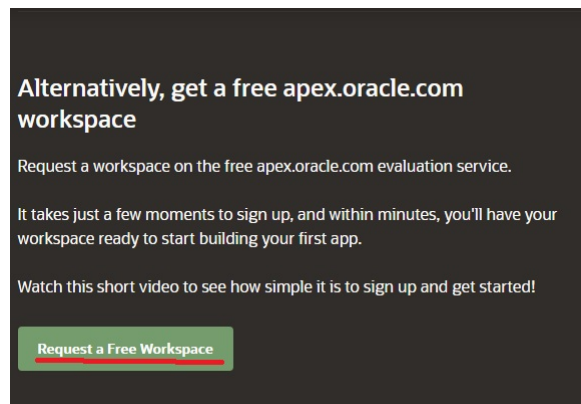
Pertama kita membuka website <https://apex.oracle.com>, disini kita akan mendapatkan akses untuk memasuki Oracle Application Express, siapkan email anda yang valid untuk membuat Workspace, kita akan langsung mempraktekan bagaimana tahapan pembuatan Aplikasi pada Oracle APEX :

- 1 Klik Get Start For Free.



Gambar 1.1: *Get Start For Free.*

2 Klik Request a Free Workspace.



Gambar 1.2: *Request A Free Workspace.*

3 Isikan data diri anda seperti nama,email,dan workspace.

A multi-step form titled "Request a Workspace". The first step, "Identification", is active, indicated by a blue dot on a progress bar. The form contains four required fields: "First Name", "Last Name", "Email", and "Workspace". Below the "Email" field, a note states: "A link to activate your workspace will be sent to this email address." Below the "Workspace" field, a note states: "This workspace name uniquely identifies your development environment and is used when signing in." At the bottom are "Cancel" and "Next >" buttons.

Gambar 1.3: *Data Diri.*

4 Centang apakah anda pernah melakukan hal tersebut lalu next.

The second step of the "Request a Workspace" form, titled "Survey", is active, indicated by a blue dot on the progress bar. A green checkmark is shown on the left. The text reads: "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](#)". There are two questions, each with radio button options: "Are you new to Oracle Application Express?" (Yes selected) and "Do you plan to use this workspace for a university class or training?" (No selected). At the bottom are "Cancel" and "Next >" buttons.

Gambar 1.4: *Data Diri 2.*

- 5 Isikan pada kolom tersebut bebas, mengapa anda ingin menggunakan layanan ini ?, lalu klik next.

The screenshot shows the 'Request a Workspace' form at the 'Justification' step. A progress bar at the top has five dots; the third dot is blue and labeled 'Justification', while the first two are green and the last two are grey. Below the progress bar, a text box contains the text 'I want to Learn ORACLE APEX !'. At the bottom, there are three buttons: a back arrow, a 'Cancel' button, and a blue 'Next >' button.

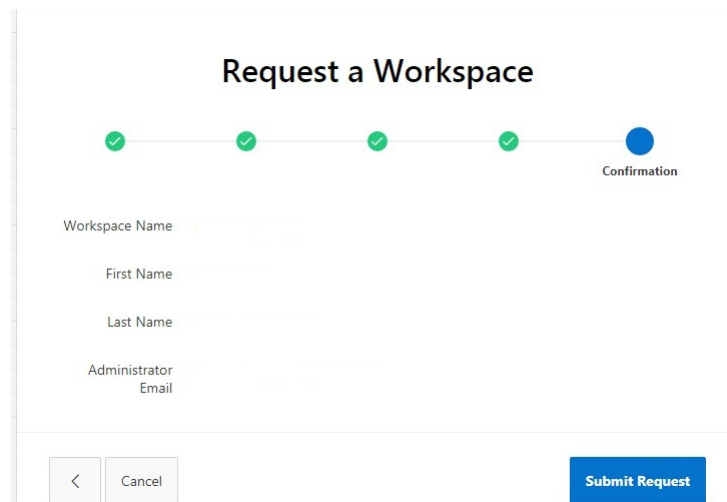
Gambar 1.5: *Mengapa anda memakai oracle ?.*

- 6 Centang Accept, lalu klik next.

The screenshot shows the 'Request a Workspace' form at the 'Agreement' step. The progress bar at the top now has four green dots, with the fourth dot labeled 'Agreement' and the fifth dot grey. Below the progress bar, there is a section titled 'ORACLE APPLICATION EXPRESS SERVICE AGREEMENT' containing a block of legal text. Below the text, there is a checkbox labeled 'I accept the terms' which is checked. At the bottom, there are three buttons: a back arrow, a 'Cancel' button, and a blue 'Next >' button.

Gambar 1.6: *Peringatan penggunaan.*

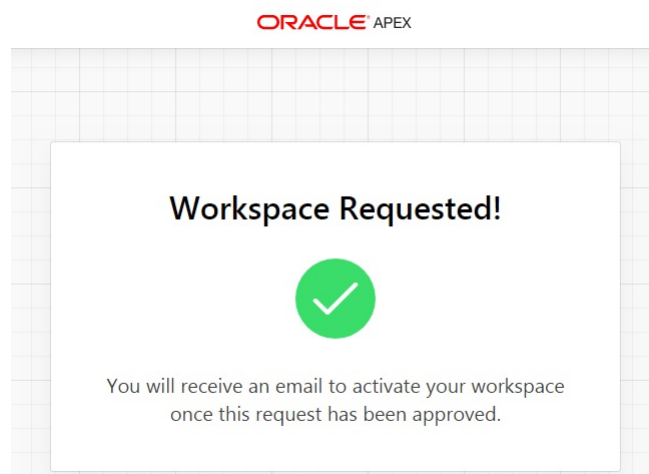
7 Tahapan terakhir untuk mengkonfirmasi apakah ini anda, lalu klik next.



The screenshot shows a web form titled "Request a Workspace". At the top, there is a progress bar with five steps. The first four steps are marked with green checkmarks, and the fifth step, labeled "Confirmation", is marked with a blue circle. Below the progress bar, there are four input fields: "Workspace Name", "First Name", "Last Name", and "Administrator Email". At the bottom of the form, there are three buttons: a back button with a left arrow, a "Cancel" button, and a blue "Submit Request" button.

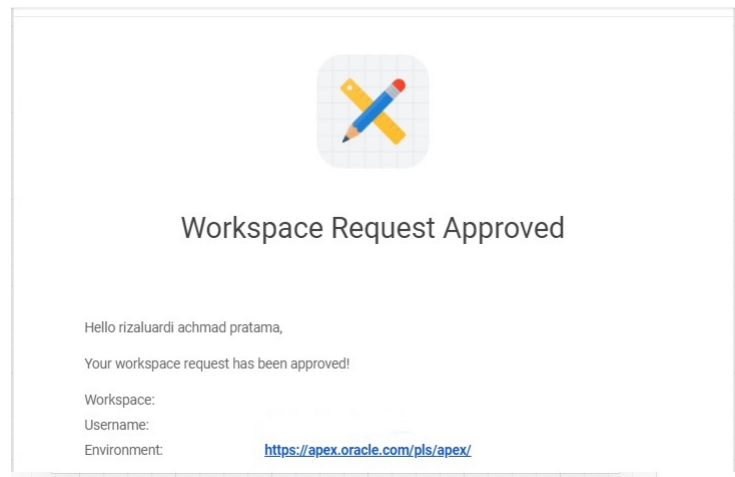
Gambar 1.7: *Konfirmasi.*

8 Finish, lalu lihat email anda.



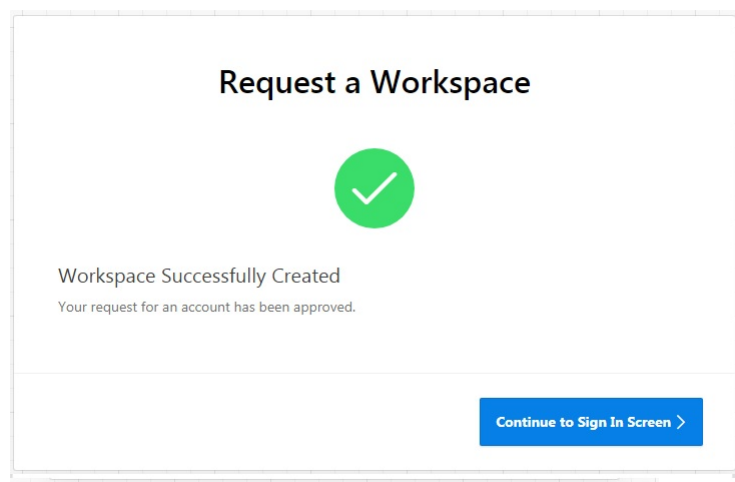
Gambar 1.8: *Sukses Cek Email.*

9 Selamat Workspace anda telah di Acc lalu klik continue.



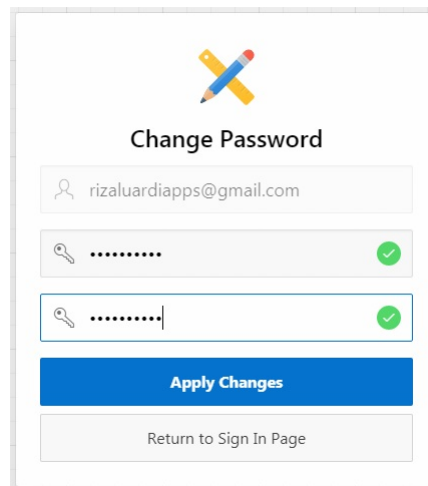
Gambar 1.9: *Email Acc.*

10 Workspace kamu telah dibuat lalu lanjutkan klik sign in.



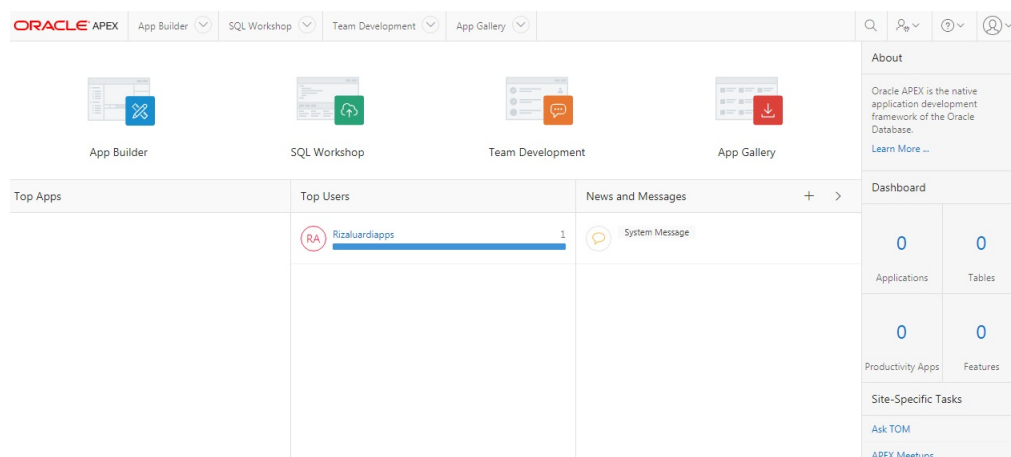
Gambar 1.10: *Sukses Cek Email.*

11 Sign in akun anda yang baru saja di buat.



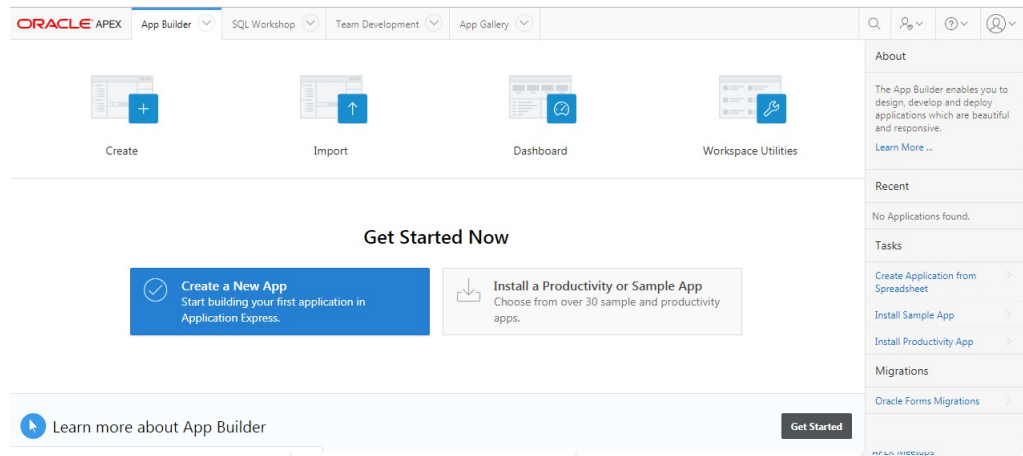
Gambar 1.11: *Sign in oracle.*

12 Selamat, anda masuk Tampilan halaman awal aplikasi Oracle Express.



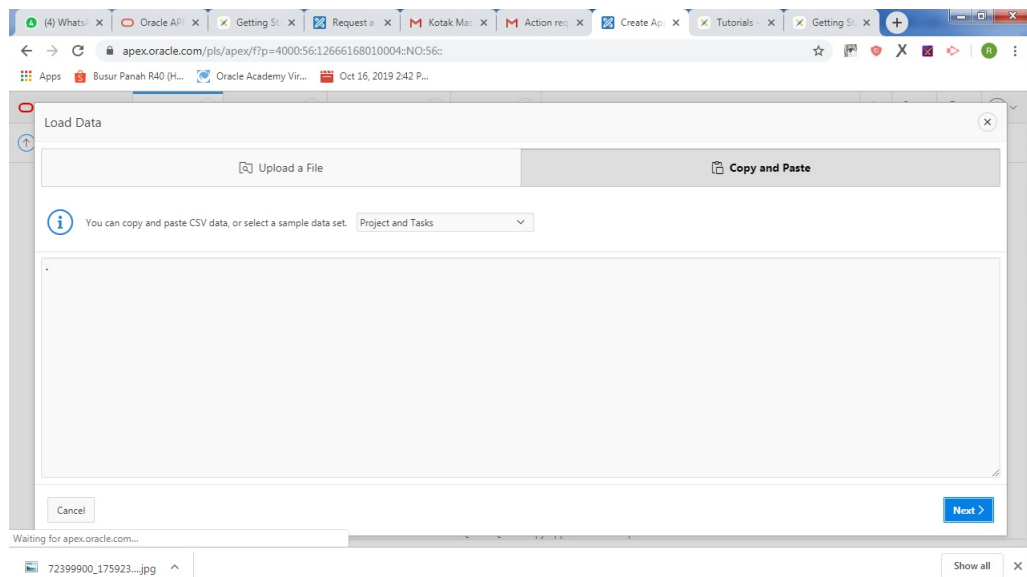
Gambar 1.12: *Oracle Apex Home.*

13 Lalu buka App Builder klik Create New App.



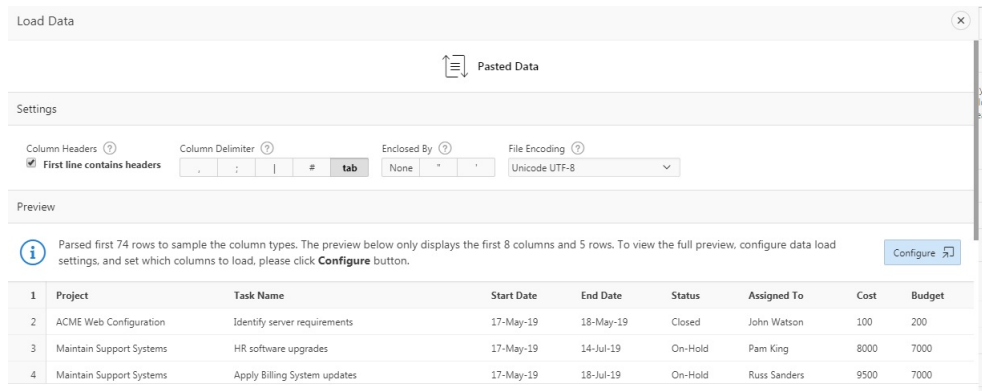
Gambar 1.13: *Oracle Apex App Builder*.

14 Pilih Copy and Paste, pada select data CSV pilih Project and Tables lalu next.



Gambar 1.14: *Oracle Apex App Builder2*.

15 Setelah Sudah me-Load data, tampilan selanjutnya akan seperti berikut.



Load Data

Pasted Data

Settings

Column Headers [?] ☒ First line contains headers

Column Delimiter [?] , ; | # **tab**

Enclosed By [?] None ' ' "

File Encoding [?] Unicode UTF-8

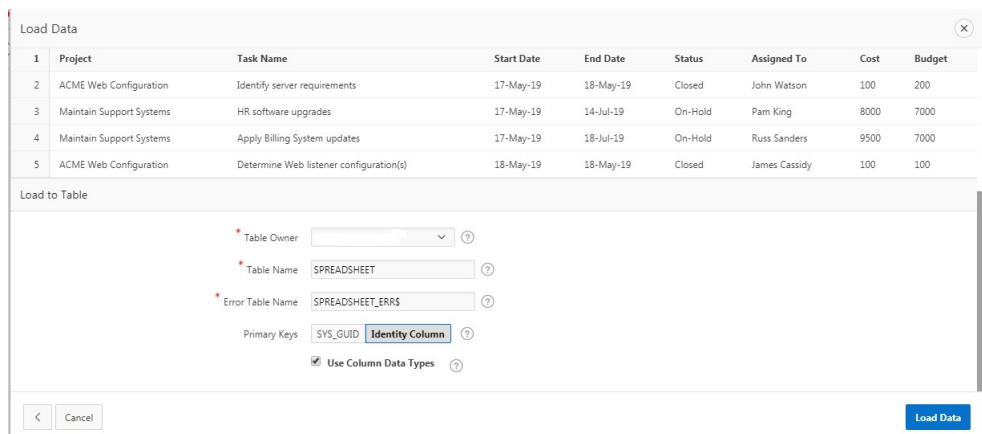
Preview

ⁱ Parsed first 74 rows to sample the column types. The preview below only displays the first 8 columns and 5 rows. To view the full preview, configure data load settings, and set which columns to load, please click **Configure** button. [Configure](#)

| | Project | Task Name | Start Date | End Date | Status | Assigned To | Cost | Budget |
|---|--------------------------|------------------------------|------------|-----------|---------|--------------|------|--------|
| 2 | ACME Web Configuration | Identify server requirements | 17-May-19 | 18-May-19 | Closed | John Watson | 100 | 200 |
| 3 | Maintain Support Systems | HR software upgrades | 17-May-19 | 14-Jul-19 | On-Hold | Pam King | 8000 | 7000 |
| 4 | Maintain Support Systems | Apply Billing System updates | 17-May-19 | 18-Jul-19 | On-Hold | Russ Sanders | 9500 | 7000 |

Gambar 1.15: *Oracle Apex Load Data.*

16 Scroll ke bawah lalu setting Table Owner, Table Name, Error Table Name, dan Primary Keys, seperti gambar berikut.



Load Data

Load to Table

* Table Owner [?]

* Table Name [?]

* Error Table Name [?]

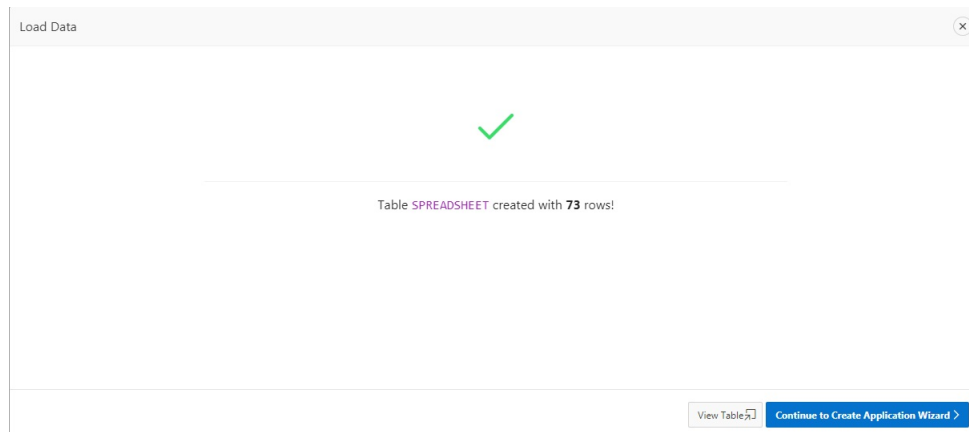
Primary Keys [?]

☒ Use Column Data Types [?]

[Cancel](#) [Load Data](#)

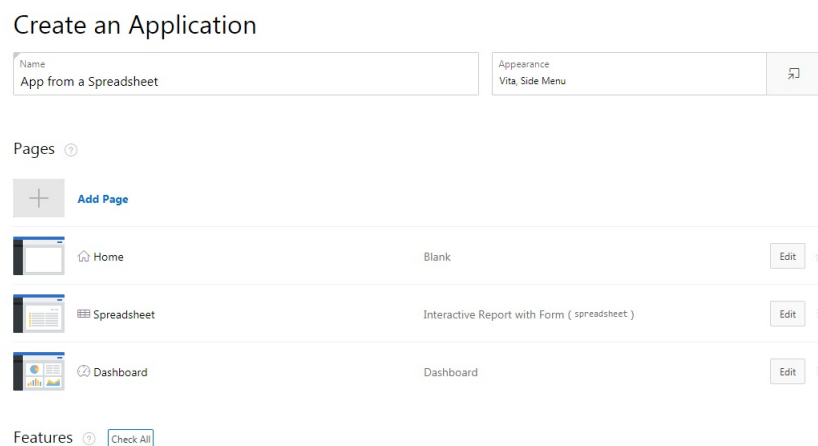
Gambar 1.16: *Oracle Apex Load Data2.*

17 Load Data Sukses , klik Continue to Create Application Wizard.



Gambar 1.17: *Oracle Apex Load Data Success.*

18 Sekarang anda ada di tampilan Create an Application, ikuti langkah berikut, buat nama App from a Spreadsheet lalu pada Features klik Check All.



Gambar 1.18: *Create an Application.*

19 Scroll ke bawah lalu klik Create Application .

Features Check All

- ☒ About Page
Add about this application page
- ☒ Access Control
Enable role-based user authorization
- ☒ Activity Reporting
Include user activity and error reports
- ☒ Configuration Options
Enable or disable application features
- ☒ Feedback
Allow users to provide feedback
- ☒ Theme Style Selection
Update default application look and feel

Settings

Application ID: 72793

Schema: DONTSLEEPAWAY

Authentication: Application Express Accounts

Language: English (en)

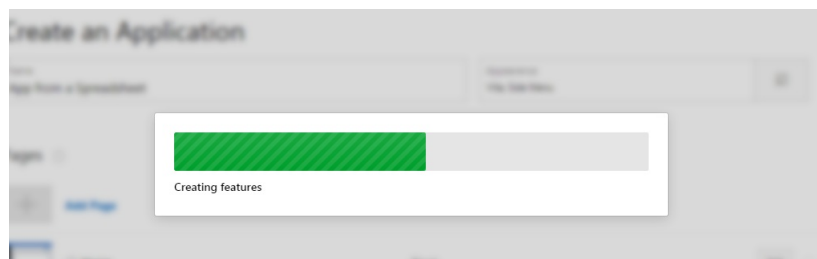
Advanced Settings

User Interface Defaults

Cancel Create Application

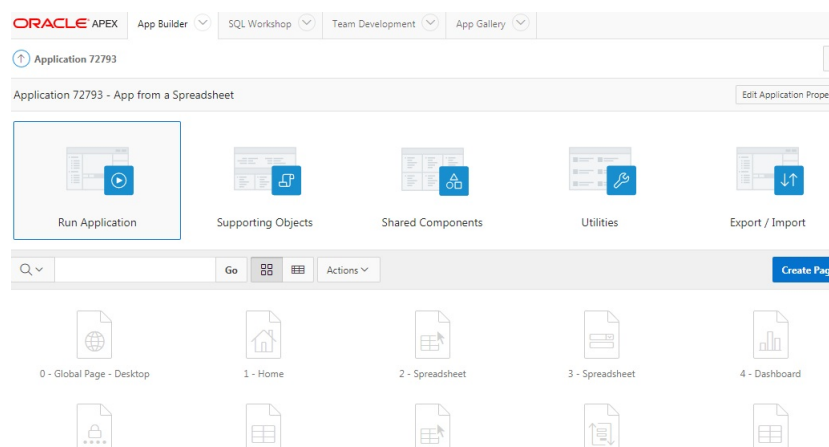
Gambar 1.19: *Create an Application 2.*

20 Tunggu sebentar, data sedang dimuat .



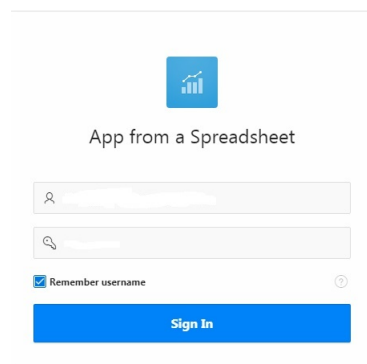
Gambar 1.20: *Loading Data.*

21 Anda akan masuk ke halaman App Builder project Spreadsheet telah berhasil dibuat !, lalu klik Run application .



Gambar 1.21: *App Builder Done!*

22 Login ke Aplikasi anda menggunakan login Oracle APEX .



The image shows a login interface for an application titled "App from a Spreadsheet". At the top, there is a blue square icon with a white bar chart. Below the icon, the text "App from a Spreadsheet" is displayed. The login form consists of two input fields: the first is for the username, indicated by a person icon, and the second is for the password, indicated by a magnifying glass icon. Below these fields is a checkbox labeled "Remember username" with a small information icon to its right. At the bottom of the form is a prominent blue button with the text "Sign In" in white.

Gambar 1.22: *Sign In Spreadsheet.*

DAFTAR PUSTAKA

- [1] Oracle Application Express database. https://vshow.on24.com/vshow/oracle_academy_e/home.
15 – 10 – 2019.