

LAPORAN ANALISA KELAS ONLINE ORACLE APEX HARI PERTAMA

Basis Data II



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*Pelatihan hari pertama kelas Online Oracle belajar tentang cara
menggunakan Oracle APEX Online*

Program Studi D4 Teknik Informatika

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KATA PENGANTAR

Assalamualaikum warahmatullahi wabarakatuh. Segala puji bagi Allah SWT yang telah memberikan kemudahan sehingga dapat menyelesaikan laporan Basis Data 2 ini, tanpa pertolongan-Nya mungkin penulis tidak akan sanggup menyelesaikannya dengan baik. Shalawat dan salam semoga terlimpah curahkan kepada Nabi Muhammad SAW beserta sahabat dan keluarga Beliau.

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

1. Syafrial Fachri Pane, S.T., M.T.I Selaku Dosen Basis Data 2.

Penulis telah membuat laporan ini dengan sebaik-baiknya, diharapkan memberikan kritik dan saran dari bapa dosen yang bersifat membangun, terimakasih.

Cimahi, 16 Oktober 2019

Penulis

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ISI 1

Oracle Application Express

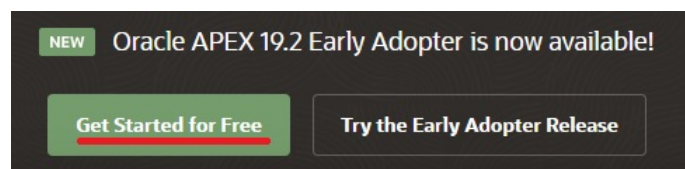
1.1 Pengenalan Oracle APEX

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

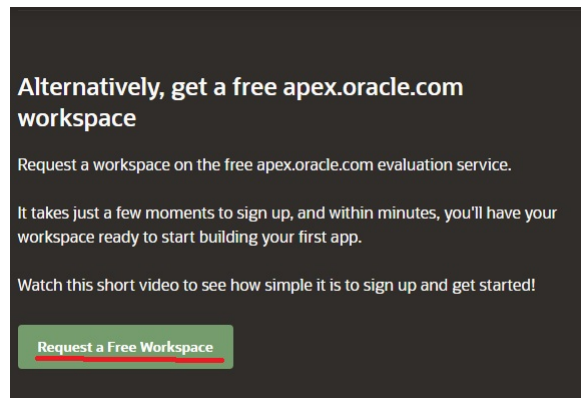
Pertama kita membuka website <https://apex.oracle.com>, disini kita akan mendapatkan akses untuk memasuki Oracle Application Express, siapkan email anda yang valid untuk membuat Workspace, kita akan langsung mempraktekan bagaimana tahapan pembuatan Aplikasi pada Oracle APEX :

- 1 Klik Get Start For Free.



Gambar 1.1: *Get Start For Free.*

2 Klik Request a Free Worksace.



Gambar 1.2: *Request A Free Workspace.*

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

4 Centang apakah anda pernah melakukan hal tersebut lalu next.

A light-themed survey form titled "Request a Workspace". It features a progress bar with five steps; the second step, labeled "Survey", is currently active and highlighted with a blue circle. The survey contains two questions, both marked with an asterisk: "Are you new to Oracle Application Express?" with radio button options for "Yes" (selected) and "No"; and "Do you plan to use this workspace for a university class or training?" with radio button options for "Yes" and "No" (selected). At the bottom, there are navigation buttons: a back arrow, a "Cancel" button, and a blue "Next >" button.

Gambar 1.3: *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 four dots; the first two are green with checkmarks, the third is blue, and the last two are grey. Below the progress bar, the text reads: 'This information helps the Application Express administrator understand how you intend to use this service.' A red asterisk followed by the question 'Why are you requesting this service?' and a help icon (?) is above a text area. The text area contains the input 'I want to Learn ORACLE APEX !'. At the bottom, there are three buttons: a back button with a left arrow, a 'Cancel' button, and a 'Next >' button.

Gambar 1.4: Mengapa anda memakai oracle ?.

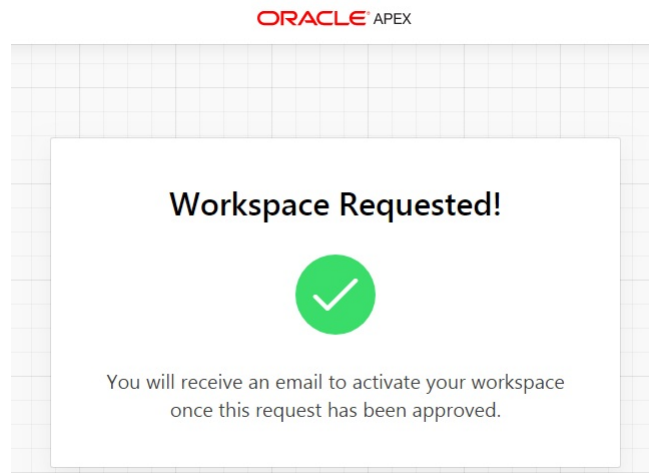
- 6 Centang Accept, lalu klik next.

The screenshot shows the 'Request a Workspace' form at the 'Agreement' step. The progress bar at the top now has three green dots with checkmarks and one blue dot. Below the progress bar, the text reads: '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 STATED HEREIN. IF YOU DO NOT AGREE TO THESE TERMS, DO NOT CLICK "I ACCEPT" AND DO NOT USE THE ORACLE APPLICATION EXPRESS SERVICE.' Below this text is a checkbox labeled 'I accept the terms', which is checked. At the bottom, there are three buttons: a back button with a left arrow, a 'Cancel' button, and a 'Next >' button.

Gambar 1.5: Peringatan penggunaan.

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

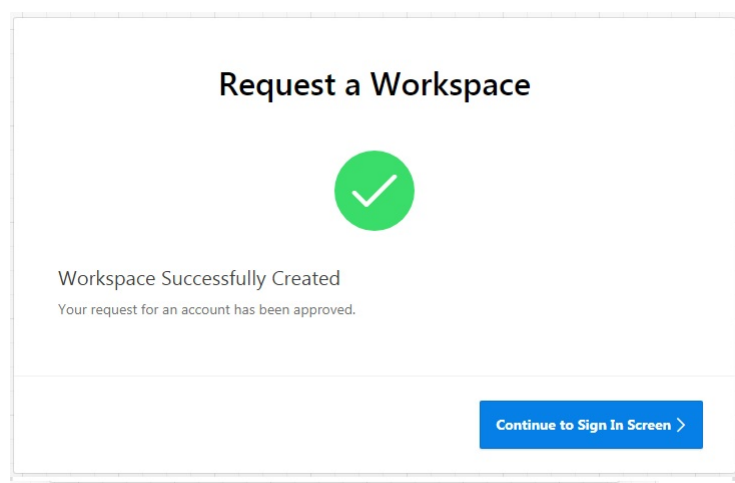
8 Finish, lalu lihat email anda.



Gambar 1.6: *Sukses Cek Email.*

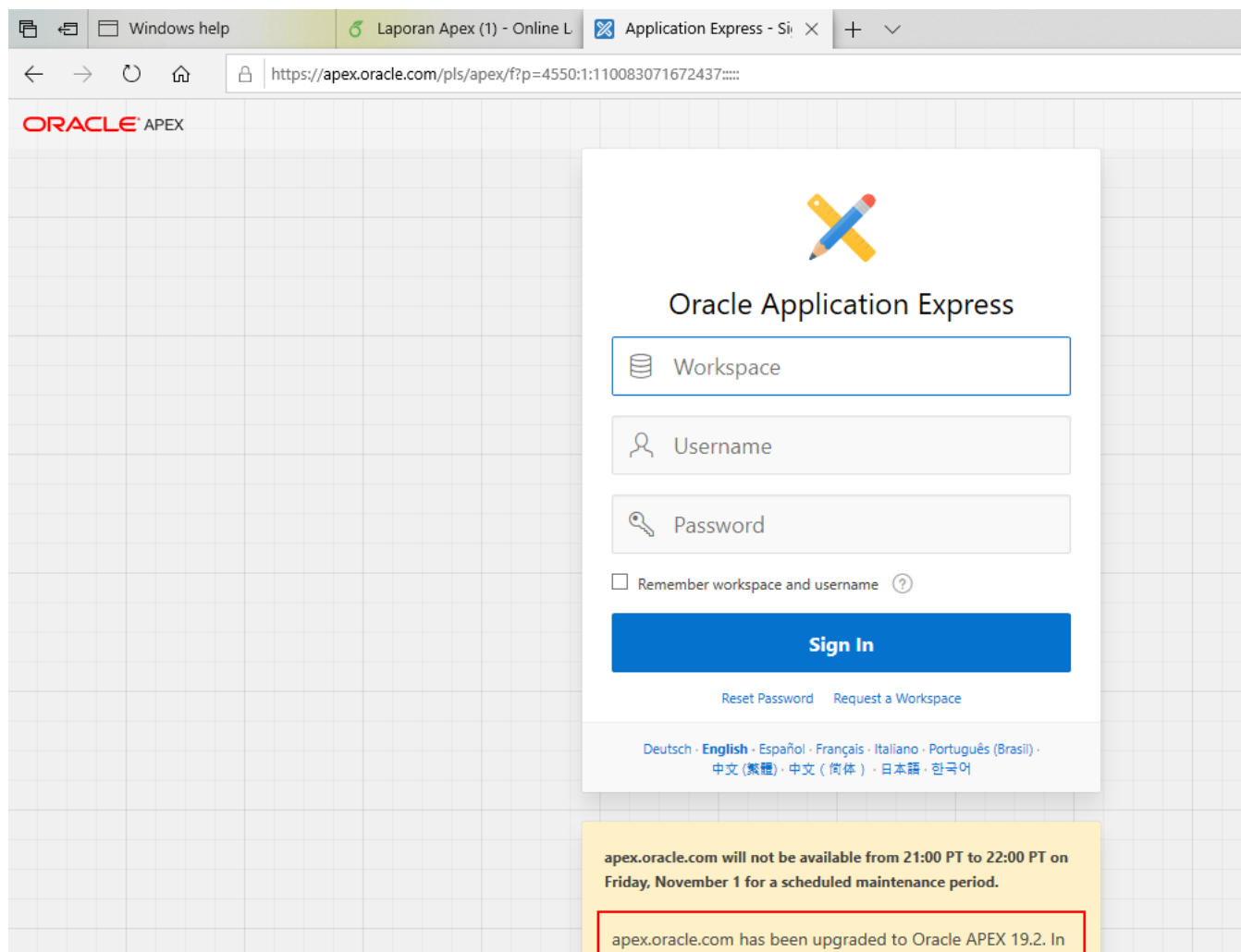
9 Selamat Workspace anda telah di Acc lalu klik continue.

10 Workspace kamu telah dibuat lalu lanjutkan klik sign in.



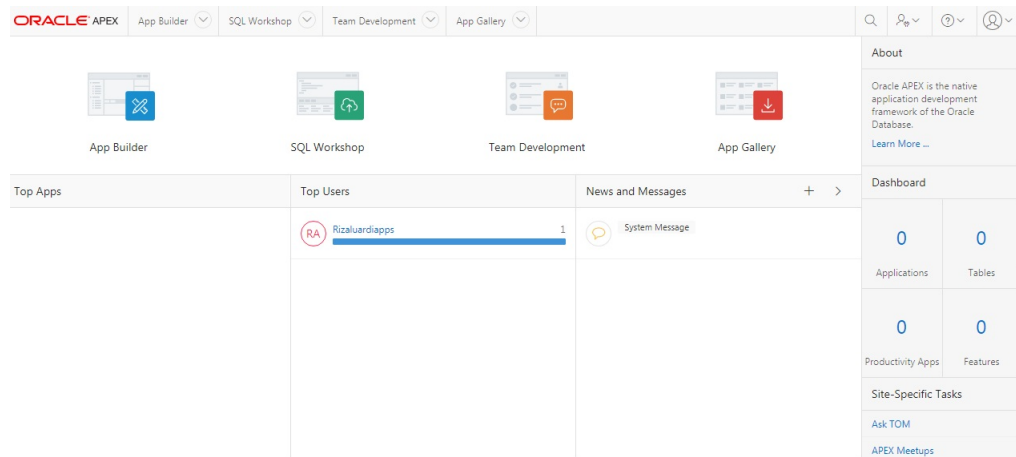
Gambar 1.7: *Sukses Cek Email.*

11 Sign in akun anda yang baru saja di buat.



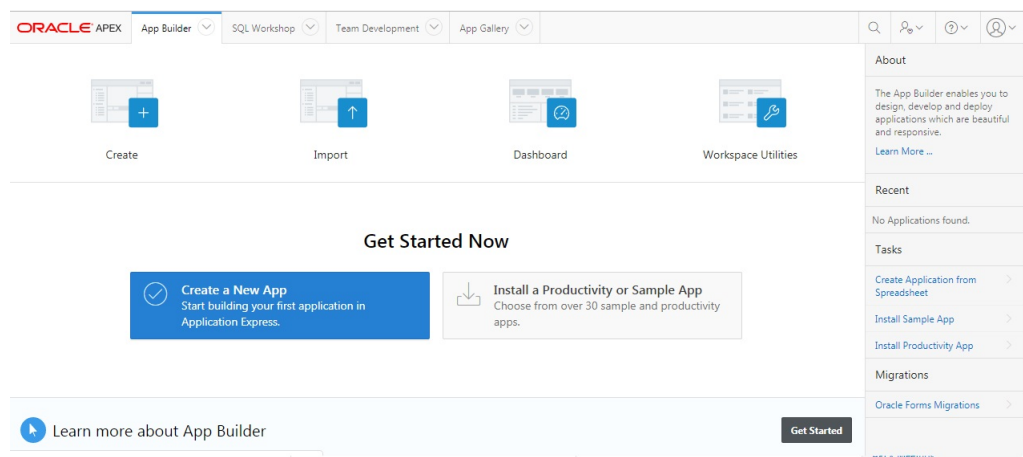
Gambar 1.8: *Sign in oracle.*

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



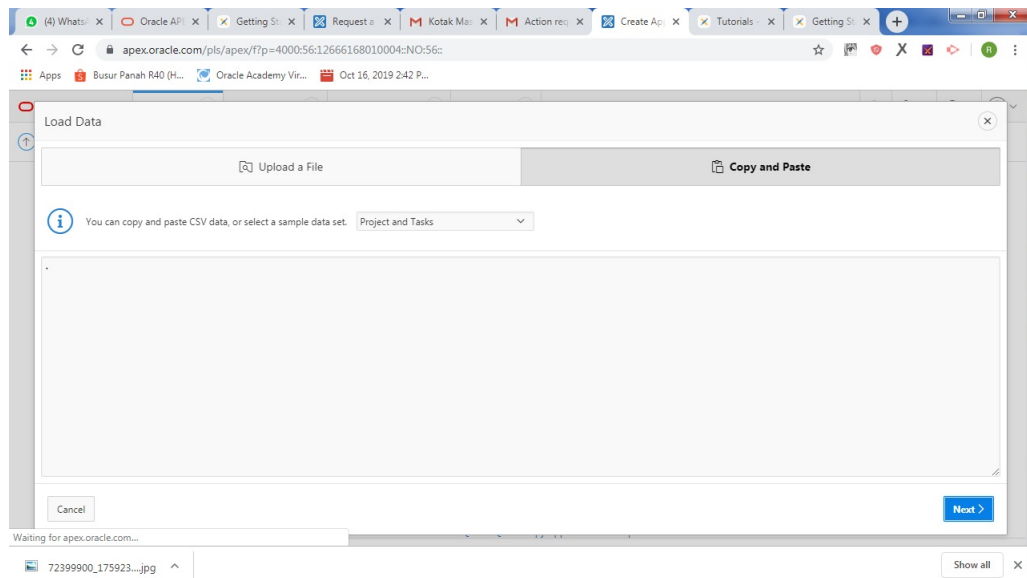
Gambar 1.9: *Oracle Apex Home.*

13 Lalu buka App Builder klik Create New App.



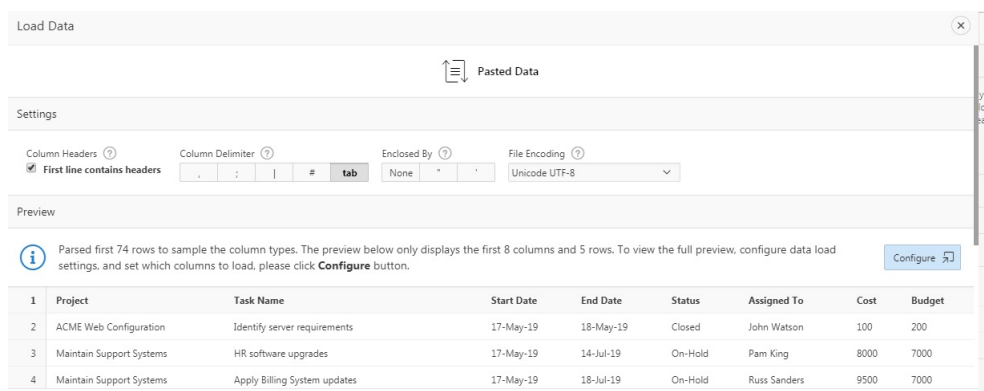
Gambar 1.10: *Oracle Apex App Builder.*

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



Gambar 1.11: *Oracle Apex App Builder2.*

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



Gambar 1.12: *Oracle Apex Load Data.*

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

The screenshot shows the 'Load Data' dialog box in Oracle Apex. It contains a table with 5 rows of data. Below the table, there are configuration options for the target table:

1	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
5	ACME Web Configuration	Determine Web listener configuration(s)	18-May-19	18-May-19	Closed	James Cassidy	100	100

Load to Table

Table Owner: DONTSLEEPAWAY
Table Name: SPREADSHEET
Error Table Name: SPREADSHEET_ERRS
Primary Keys: SYS_GUID, Identity Column
☒ Use Column Data Types

< Cancel Load Data

Gambar 1.13: *Oracle Apex Load Data2.*

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

The screenshot shows the 'Load Data' dialog box after a successful load. A green checkmark is displayed in the center, and a message states: 'Table SPREADSHEET created with 73 rows!'. At the bottom right, there are two buttons: 'View Table' and 'Continue to Create Application Wizard'.

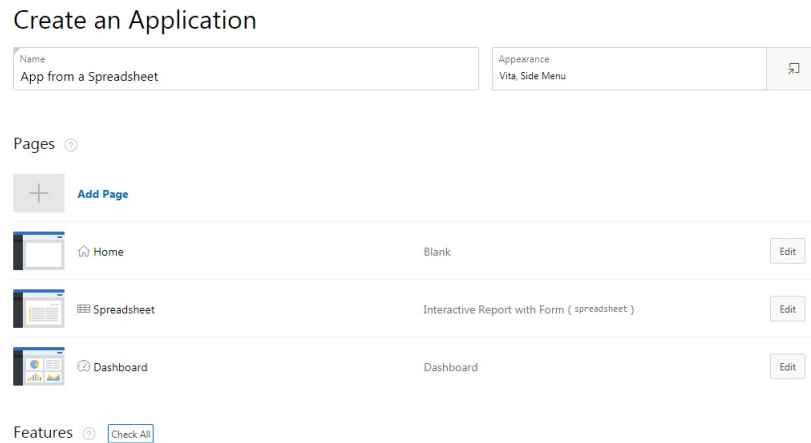
Load Data

Table SPREADSHEET created with 73 rows!

View Table Continue to Create Application Wizard

Gambar 1.14: *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.



Create an Application

Name
App from a Spreadsheet

Appearance
Vita, Side Menu

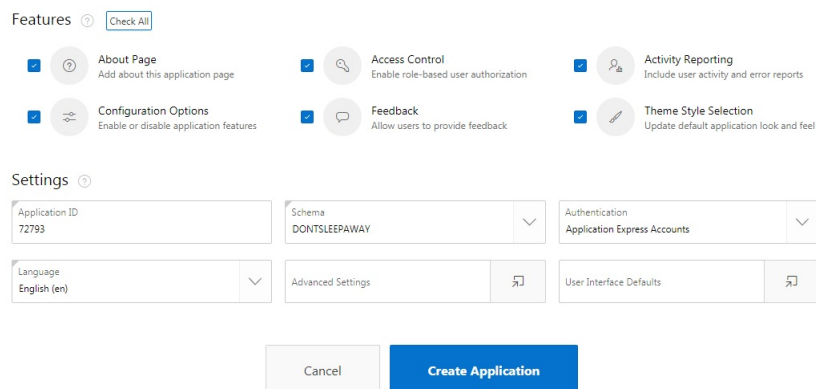
Pages

- + Add Page
- Home (Blank) [Edit]
- Spreadsheet (Interactive Report with Form (spreadsheet)) [Edit]
- Dashboard (Dashboard) [Edit]

Features [Check All]

Gambar 1.15: *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: DONTSLPEAWAY

Authentication: Application Express Accounts

Language: English (en)

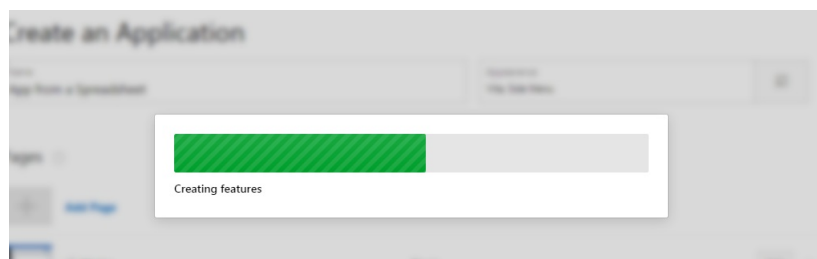
Advanced Settings [icon]

User Interface Defaults [icon]

[Cancel] [Create Application]

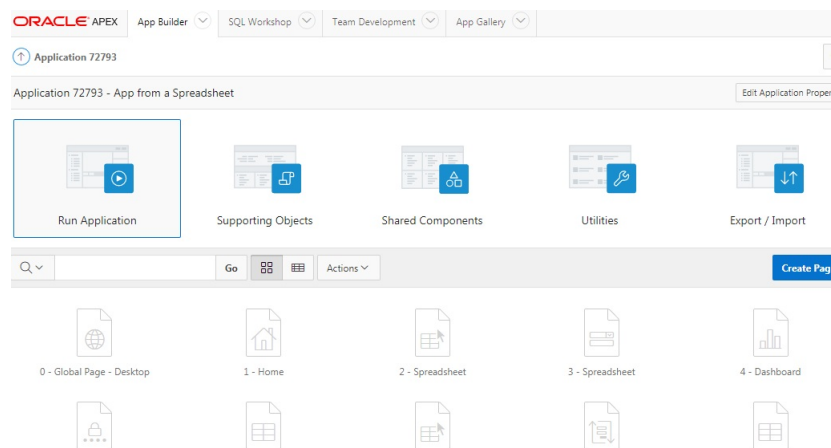
Gambar 1.16: *Create an Application 2.*

20 Tunggu sebentar, data sedang dimuat .



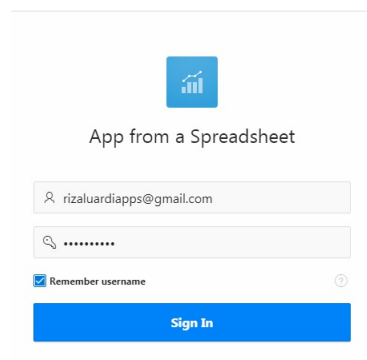
Gambar 1.17: *Loading Data.*

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



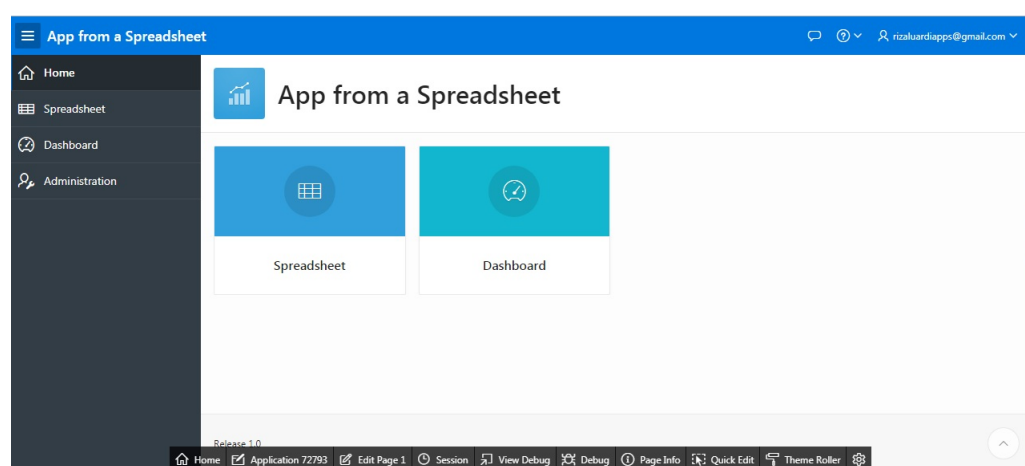
Gambar 1.18: *App Builder Done!*.

- 22 Login ke Aplikasi anda menggunakan login Oracle APEX .



Gambar 1.19: *Sign In Spreadsheet.*

23 Selamat Aplikasi telah berjalan ! .



Gambar 1.20: *Welcome Spreadsheet.*

DAFTAR PUSTAKA

- [1] Oracle Application Express database. <https://apex.oracle.com/>. Diakses: 2019-10-15.