

KOMPUTASI AWAN

Software As Service (SaaS)

Oleh:

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**PROGRAM STUDI TEKNIK INFORMATIKA
JURUSAN TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG**

Praktikum 1 : Membuat Aplikasi (Create Web Application) Login OCI -> Pilih OCI Classic Service -> Create Instace

The screenshot shows the Oracle Cloud interface with the OCI Classic Services menu open. The left sidebar lists various services like Home, Compute, Storage, etc., with OCI Classic Services highlighted. The main content area shows categories like Platform Services, Classic Migration, and Help.

The screenshot shows the Visual Builder Details page. It displays a message about not having any instances and provides links for prerequisites and help. A red circle highlights the "Create Instance" button, which is also circled by a red arrow.

Selanjutnya isi nama instance, nama, deskripsi dari instance, region dan tag

Create Visual Builder Instance
Specify details for your Visual Builder instance.

Details

* Instance Name: instance1
Description: Visual Builder Instance
Notification Email: 1941720235@student.polinema.
* Region: ap-osaka-1
Tags: DS

Special Instructions

Optional. Select only if you received a special tag from Oracle for creating this instance

Next >

Create Visual Builder Instance Confirmation
Confirm your selections and create your Visual Builder instance.

Service

Instance Name: instance1
Description: Visual Builder Instance
Notification Email: 1941720235@student.polinema.
License Type: Cloud License
Region: ap-osaka-1
Tags: DS

Create >

Hasil instance yang telah dibuat :

Visual Builder / instance1

Overview

Instance Overview

Status: Creating service ...
Active: Yes
Version: 21.4.2.211110.1100-42360
Feature Set: Integration and Process
Optional. Select only if you received a special tag from Oracle for creating this instance:
Special Tag: lcs_pcs
Service Identifier: 613894333
IDCS Application: VBINST_Instance1
Visual Builder Edition: Enterprise Edition
License: Cloud License

≡ ORACLE Visual Builder

Visual Applications

Welcome to Visual Builder, Hidayatullah Ibrahim!



You don't have any applications yet.

Let us walk you through the process of creating your first app step-by-step, or just dive in and start building! We'll help you along the way.

[+ New Application](#) [+ Import Application](#)

Show me how

Setelah berhasil membuat aplikasi akan muncul seperti dibawah ini:

Your Oracle Cloud Account is Full! | Home | Oracle Cloud Infrastructure | Home | Oracle Cloud Infrastructure | Visual Builder Details | Oracle Visual Builder | Aplikasi_B... | +

instance1-y941720235.builder.ocp.oraclecloud.com/ic/builder/?root=application&application=Aplikasi_Baru-1.0/artifact=Welcome

Apps Ruang Kelas - JTI P... SIAKAD 2 | Sistem I...

≡ ORACLE Visual Builder Aplikasi Baru dev 1.0

Welcome

Welcome to your Aplikasi Baru visual application

Your visual application contains the resources of your web and mobile apps and the service connections and business objects that the apps use.

Connect to Data Create Apps Add Artifacts

Service Connections Create Service Connections to consume existing REST endpoints provided by a service and use them in your applications

Mobile Apps Create native mobile applications that make use of features on mobile devices

Components Get additional components for use in your applications

Business Objects Create Business Objects to define custom REST endpoints for your database based on the needs of your applications

Web Apps Create modern web applications that run in browsers on desktop and mobile devices

Process Integrate your business processes into your applications with Process in Oracle Integration

Learn

Navigating your visual application
Explore the structure of your apps in the Navigator

Understanding application building blocks
Create and combine artifacts to construct the behavior of your apps

Using the artifact editors
Use the editors in the Designer to view and manage artifacts

Managing your visual applications
Stage and publish your web and mobile apps

Integrating Processes
Define business processes that help automate common tasks

Help

Discussion Forum
Product Tour Video
Documentation
Sample Apps at GitHub
Visual Builder Blog
Visual Builder YouTube Channel

Audits Find in Files Logs Trace Tests Git History

≡ ORACLE Visual Builder

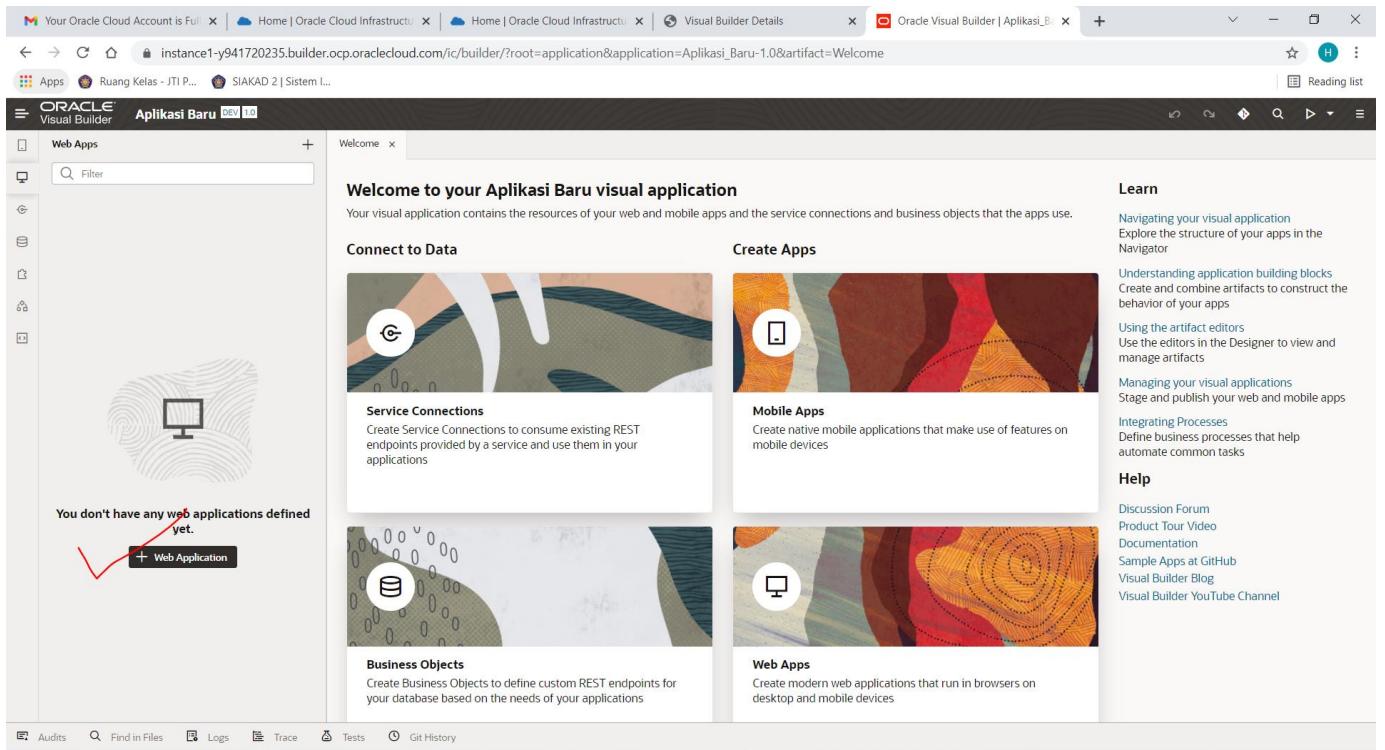
Visual Applications

Import New

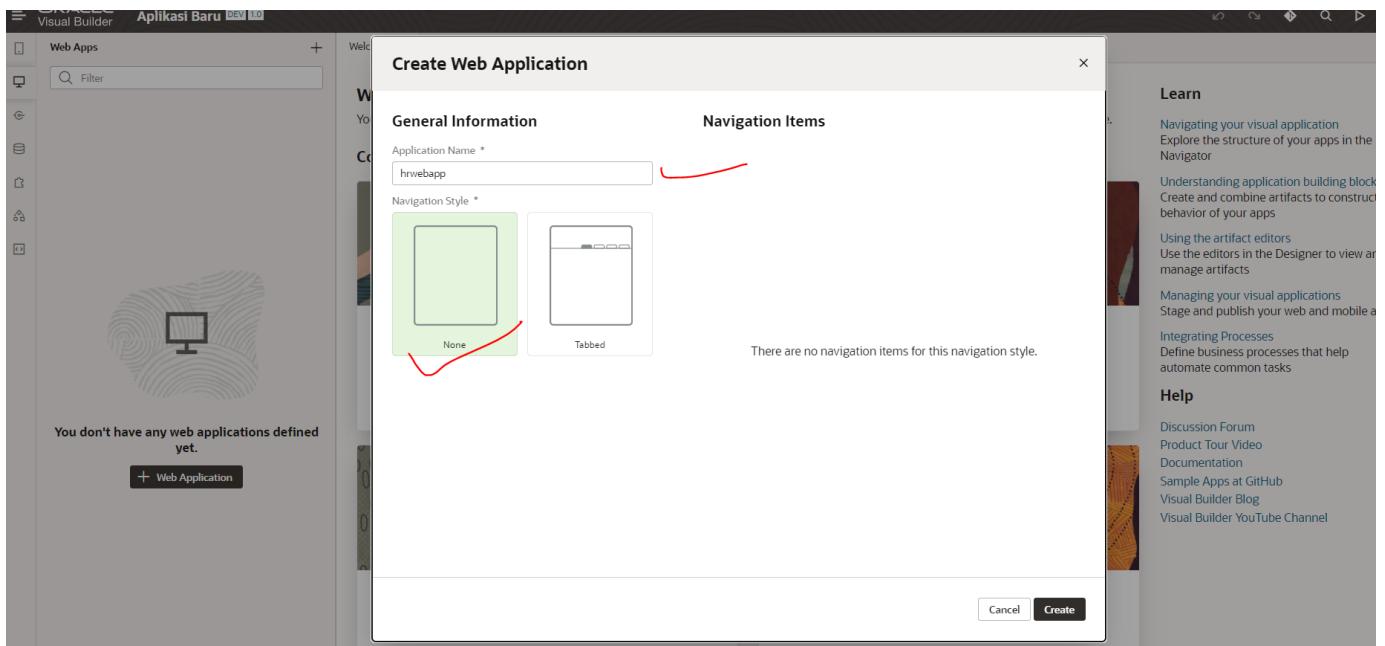
Filter by Name Status All Administered by me

Name	Status	Origin	Version	Recent activity	⋮
Aplikasi Baru	{ } Development	Visual Builder	1.0	Just now	⋮

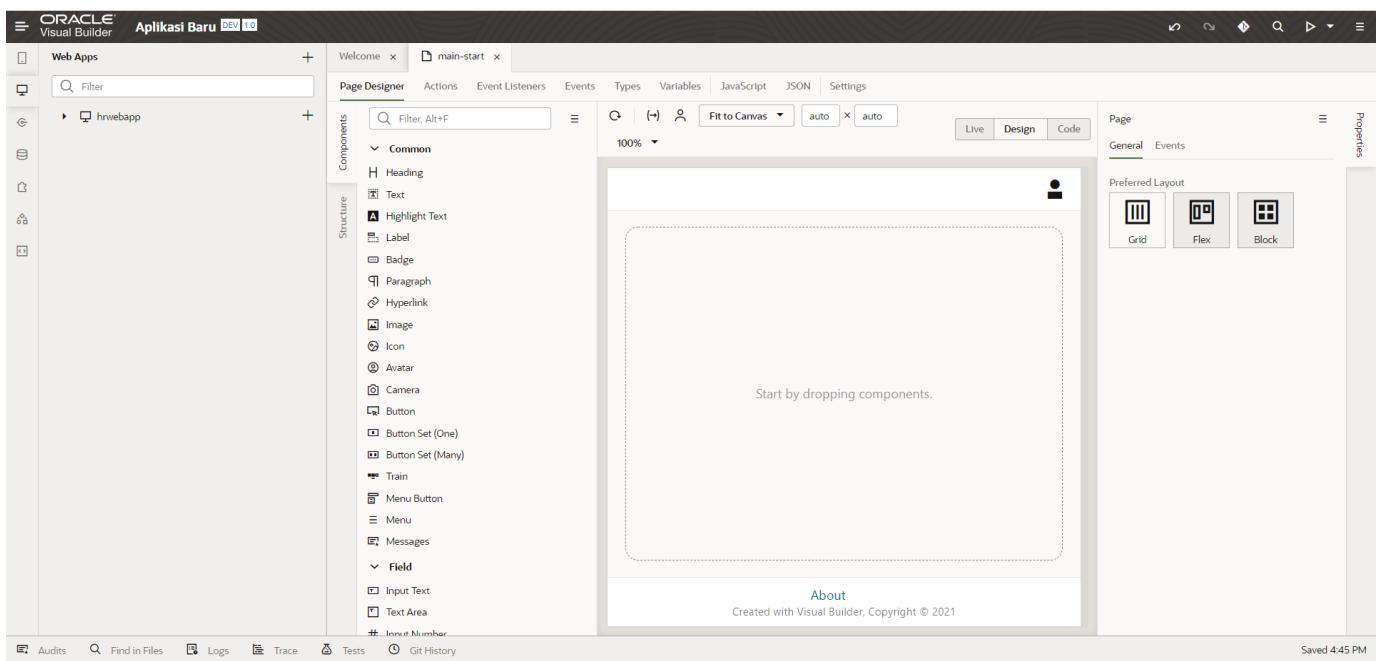
Pada sisi kiri, klik ikon web maka akan muncul gambar seperti berikut:



Pada dialog box create application, isi nama web dengan nama "hrwebapp" dan untuk navigation style biarkan none.

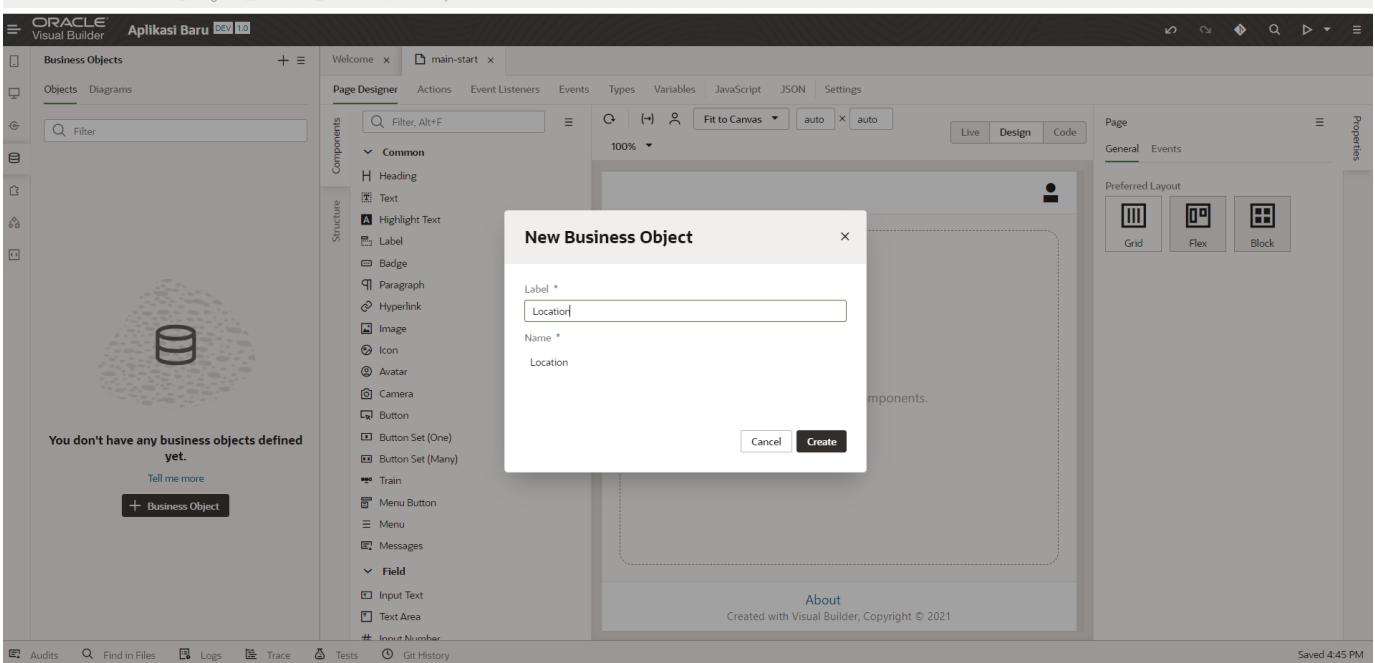
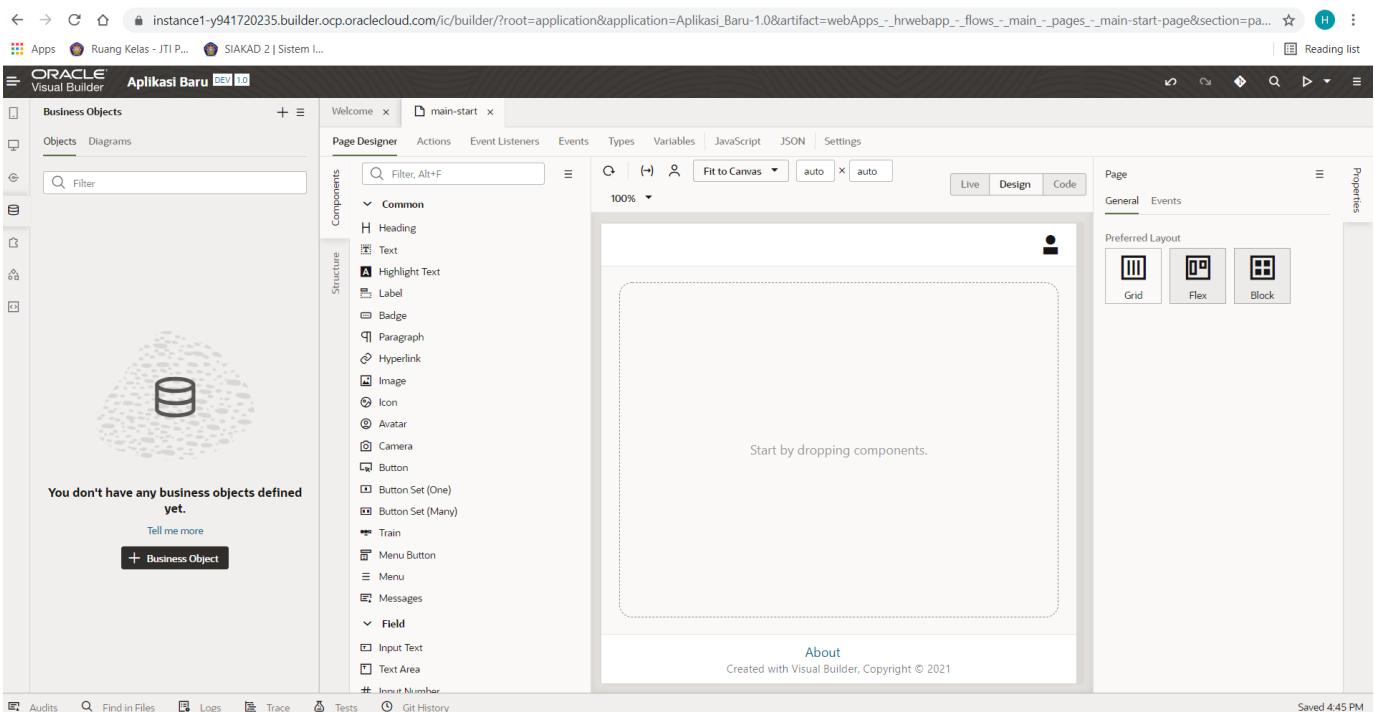


Selanjutnya akan muncul seperti ini:



Import Location Business dari file

1. Klik business object



Selanjutnya klik fields tab dan klik +

The screenshot shows the Oracle Visual Builder interface. The left sidebar has 'Business Objects' selected, with 'Objects' and 'Diagrams' tabs. The main area is titled 'Fields' with a red arrow pointing to it. Below is a table of fields:

Type	Field Name	Display Label	Required	Description
A	createdBy	Created By	—	
ES	creationDate	Created	—	
#	id	Id	✓	
ES	lastUpdateDate	Last Updated	—	
A	lastUpdatedBy	Last Updated By	—	

On the right, there's a properties panel for the 'createdBy' field, showing 'Field Name' as 'createdBy', 'Display Label' as 'Created By', and 'Type' as 'String'. A red checkmark is placed next to the '+' button in the top right corner of the Fields table.

The screenshot shows the 'Fields' tab with a red box highlighting the 'Label' input field in the 'CreatedBy' dialog. The dialog contains:

- Label ***: A text input field containing 'Name'.
- Field Name ***: A text input field containing 'name'.
- Type**: A dropdown menu set to 'String'.
- Format**: A dropdown menu set to 'None'.
- Constraints**: Checkboxes for 'Required', 'Unique', 'Indexed', 'Updatable' (checked), and 'Searchable' (checked).
- Properties**: Fields for 'Field Name' ('createdBy'), 'Display Label' ('Created By'), 'Description' (empty), 'Type' ('String'), and 'Format' ('None').

At the bottom right of the dialog are 'Cancel' and 'Create Field' buttons.

ORACLE Visual Builder Aplikasi Baru DEV 1.0

Business Objects

Objects Diagrams

Location

Fields

Type	Field Name	Display Label	Required	Description
A	createdBy	Created By	—	
ES	creationDate	Created	—	
#	id	Id	✓	
ES	lastUpdateDate	Last Updated	—	
A	lastUpdatedBy	Last Updated By	—	
A	name	Name	✓	

Properties

name

Field Name *
name

Display Label *
Name

Description

Type *
String

Format
None

Value Calculation

- None
- Set to default if value not provided
- Calculate value with a formula
- Aggregate from related object data

Constraints

- Required
- Unique
- Indexed
- Updatable

Klik menu icon dan pilih Data Manager:

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Business Objects

Objects Diagrams

Data Manager

Fields Security Business Rules Endpoints Data

General

Name *
Location

Plural Label

Display Label *
Location

Description

Contains Application Setup Data

Relationships

No relationships

ORACLE Visual Builder Aplikasi Baru DEV 1.0

Business Objects

Objects Diagrams

Data Manager

Manage Application Data

Development

Import from Live
Replace all the data in Development with the data from your Live database.
Application not Live

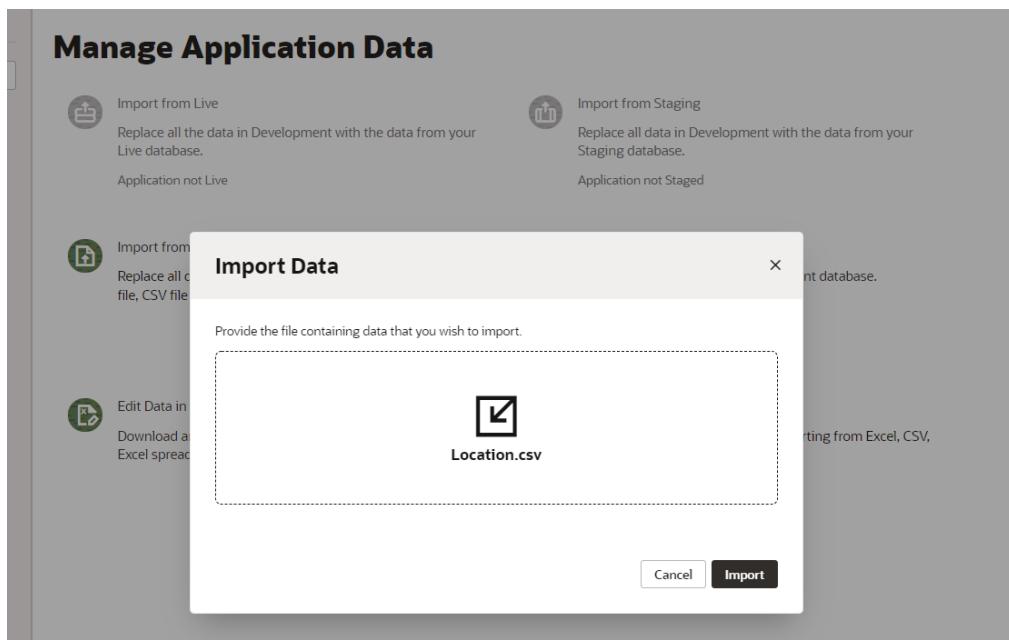
Import from Staging
Replace all data in Development with the data from your Staging database.
Application not Staged

Import from File
Replace all data in Development with the data from a zip file, CSV file or Excel spreadsheet.

Export All Data
Export all the data in your Development database.

Edit Data in Excel
Download an Excel add-in to edit business object data using Excel spreadsheets (for Windows OS only).

Import Business Objects
Create new Business Objects by importing from Excel, CSV, or zip files.



Di panel bisnis object, klik Loaction lalu klik tab Data untuk melihat Location

The screenshot shows the Oracle Visual Builder interface with the title bar 'Applikasi Baru'. The left sidebar shows 'Business Objects' with 'Location' selected. The main area is the 'Data Manager' tab for the 'Location' object. It displays a table with four rows of data:

Id	Name
1	Floor 1
2	Floor 2
3	Floor 3
4	Floor 4

At the bottom, it says '(1-4 of 4 items)' with a page number '1'.

Department Business Object

Pada panel business object klik tanda +, lalu pilih business object

The image consists of three vertically stacked screenshots of the Oracle Visual Builder interface, specifically the 'Business Objects' section.

Screenshot 1: Shows the 'Business Objects' sidebar with 'Objects' selected. A context menu is open over the 'Business Objects' tab, with 'Business Object' highlighted. The URL in the browser bar is `instance1-y941720235.builder.ocp.oraclecloud.com/ic/builder/?root=application&application=Aplikasi_Baru-1.0&artifact=businessObjects_-default_-objects_-Location§ion=data`.

Screenshot 2: Shows the 'Data' tab selected in the main panel. A 'New Business Object' dialog is open, titled 'New Business Object'. It contains a table with four rows labeled 1, 2, 3, and 4. The 'Label' column for row 1 contains the value 'Department'. Below the table is a 'Name' field containing 'Department'. At the bottom right of the dialog are 'Cancel' and 'Create' buttons. The URL in the browser bar is the same as in Screenshot 1.

Screenshot 3: Shows the 'Fields' tab selected. A table lists fields for the 'Department' object. One row is highlighted in green: 'Type' A, 'Field Name' createdBy, 'Display Label' Created By. To the right of the table, a detailed view of the 'createdBy' field is shown. It includes a 'Label' input field with 'Name', a 'Field Name' input field with 'name', a 'Type' dropdown set to 'String', and 'Constraints' checkboxes for 'Required', 'Unique', 'Indexed', 'Updatable', and 'Searchable'. The URL in the browser bar is the same as in Screenshot 1.

ORACLE Visual Builder Aplikasi Baru dev 1.0

Business Objects

Objects Diagrams

Filter

Department Location

Overview Fields Security Business Rules Endpoints Data

Type	Field Name	Display Label	Required	Description
A	createdBy	Created By	—	
■	creationDate	Created	—	
#	id	Id	✓	
■	lastUpdateDate	Last Updated	—	
A	lastUpdatedBy	Last Updated By	—	
A	name	Name	✓	

Properties

name

Field Name * name

Display Label * Name

Description

Type * String

Format None

Value Calculation

None Set to default if value not provided Calculate value with a formula Aggregate from related object data

Constraints

Required

instance1-y941720235.builder.ocp.oraclecloud.com/ic/builder/?root=application&application=Aplikasi_Baru-1.0&artifact=businessObjects._default_.objects._Department§ion=fields&fieldId=cr...

Apps Ruang Kelas - JTI P... SIAKAD 2 | Sistem I...

ORACLE Visual Builder Aplikasi Baru dev 1.0

Business Objects

Objects Diagrams

Filter

Department Location

Overview Fields Security Business Rules Endpoints Data

Type	Field Name	Display Label	R
A	createdBy	Created By	
■	creationDate	Created	
#	id	Id	
■	lastUpdateDate	Last Updated	
A	lastUpdatedBy	Last Updated By	
A	name	Name	

Label * Location

Field Name * location

Type Reference

Referenced Business Object * Location

Display Field Name

Properties

name

Field Name * name

Display Label * Name

Description

Type * String

Format None

Value Calculation

None Set to default if value not provided Calculate value with a formula Aggregate from related object data

Constraints

Required

Apps Ruang Kelas - JTI P... SIAKAD 2 | Sistem I...

ORACLE Visual Builder Aplikasi Baru dev 1.0

Business Objects

Objects Diagrams

Filter

Department Location

Overview Fields Security Business Rules Endpoints Data

Type	Field Name	Display Label	Required	Description
A	createdBy	Created By	—	
■	creationDate	Created	—	
#	id	Id	✓	
■	lastUpdateDate	Last Updated	—	
A	lastUpdatedBy	Last Updated By	—	
A	location	Location	—	
A	name	Name	✓	

Properties

location

Field Name * location

Display Label * Location

Description

Type * Reference

Relationship Department >— Location

Value Calculation

None Set to default if value not provided Calculate value with a formula Aggregate from related object data

Constraints

Required

Employee Business Object

Pada panel bisnis object, klik tanda +, lalu pilih bisnis object

The screenshot shows the Oracle Visual Builder interface. In the top navigation bar, there are several tabs: 'Business Objects' (highlighted with a red arrow), 'Objects', 'Diagrams', 'Welcome', 'main-start', 'Location', 'Data Manager', 'Department', and 'Business Object'. Below the tabs, there is a search bar with a filter icon and a 'Business Object Diagram' button. On the left sidebar, there are icons for 'Department' and 'Location', with 'Department' currently selected. The main content area displays a table with columns: Type, Field Name, Display Label, Required, and Description. Two rows are visible: one for 'createdBy' (Type A) and another for 'creationDate' (Type #). To the right of the table, there is a 'location' section with fields for 'Field Name', 'Display Label', and 'Description'. At the bottom of the screen, there is a modal window titled 'New Business Object' with fields for 'Label' (containing 'Employee') and 'Name' (containing 'Employee'). There are 'Cancel' and 'Create' buttons at the bottom of the modal.

Selanjutnya klik fields tab kemudia klik + fields

The screenshot shows the Oracle Visual Builder interface with the 'Fields' tab selected in the top navigation bar. The left sidebar shows 'Business Objects', 'Objects', 'Diagrams', 'Department', 'Employee' (selected), and 'Location'. The main content area displays a table of fields for the 'Employee' object. One row is highlighted in green: 'createdBy' (Type A, Field Name: 'createdBy', Display Label: 'Created By'). To the right of the table, a modal window is open for creating a new field. It has a 'Label' field containing 'Name' and a 'Field Name' field containing 'name'. The 'Type' dropdown is set to 'String'. On the far right, there is a 'Properties' panel for the 'name' field, which includes sections for 'Constraints' (with 'Required' checked) and 'Format' (set to 'None').

The screenshot shows the Oracle Visual Builder interface. On the left, there's a sidebar with 'Business Objects' and 'Objects'. Under 'Objects', 'Employee' is selected. The main area is titled 'Fields' and shows a table of fields for the 'Employee' object. A new field, 'name', is being created, highlighted with a green background. In the properties panel on the right, the 'name' field is defined with a 'Field Name' of 'name', a 'Display Label' of 'Name', and a 'Type' of 'String'. The 'Required' constraint is checked. A red arrow points to this checked box.

Kemudian klik + fileds lagi

This screenshot is similar to the previous one but shows a different step in the field creation process. The 'name' field is now listed in the table, and a modal dialog is open to edit its properties. The 'Label' is set to 'Department', and the 'Field Name' is set to 'department'. The 'Type' is 'Reference' and 'Referenced Business Object' is set to 'Department'. The 'Display Field' is set to 'Name'. The 'Create Field' button is visible at the bottom of the dialog. The 'Required' constraint is checked in the properties panel on the right.

This screenshot shows the final state of the field creation. The 'name' field is now fully defined with a 'Label' of 'Department', a 'Field Name' of 'department', a 'Type' of 'Reference' (with 'Referenced Business Object' set to 'Department'), and a 'Display Field' of 'Name'. The 'Create Field' button has been clicked, and the dialog is closing. The 'Required' constraint is checked in the properties panel on the right.

hireDate

Display Label * Hire Date

Description

Type * Date

Value Calculation

None

Set to default if value not provided

Calculate value with a formula

Aggregate from related object data

Constraints

Required

Unique

Indexed

Updatable

Searchable

Kemudian klik tab Endpoints

Resource APIs

Resource Cache Control

Endpoints

Employee

- /Employee

GET	Get Many	Get all	getall_Employee
POST	Create	Create	create_Employee
- /Employee/{Employee_Id}

GET	Get One	Get	get_Employee
PATCH	Update	Update	update_Employee
DELETE	Delete	Delete	delete_Employee

departmentObject

Klik tab diagram lalu klik + business object diagram

Business Objects

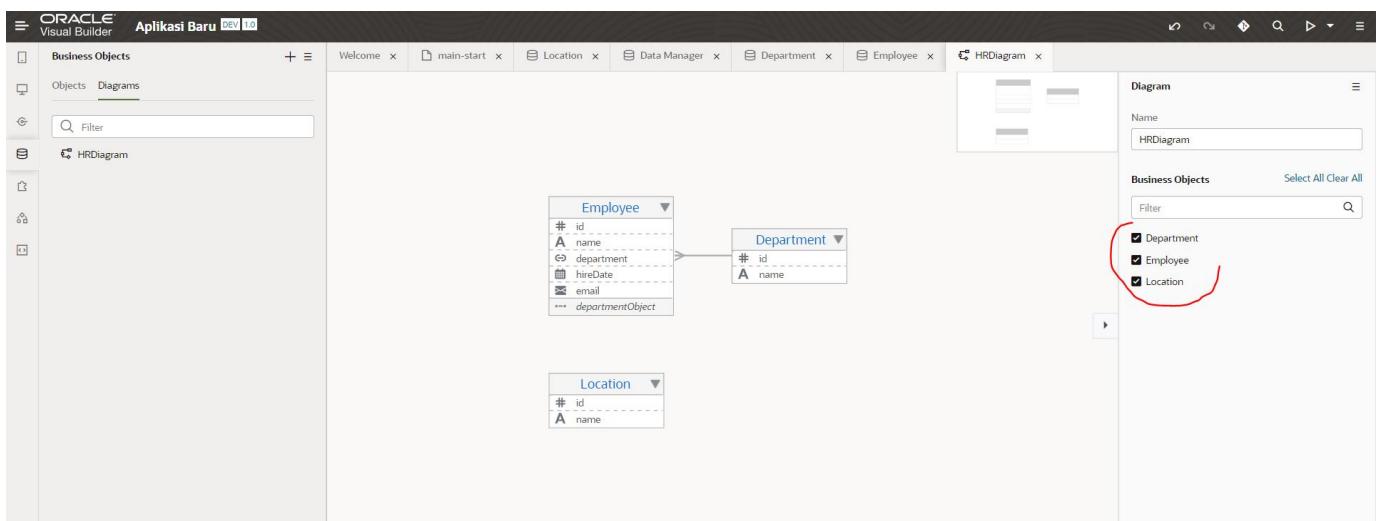
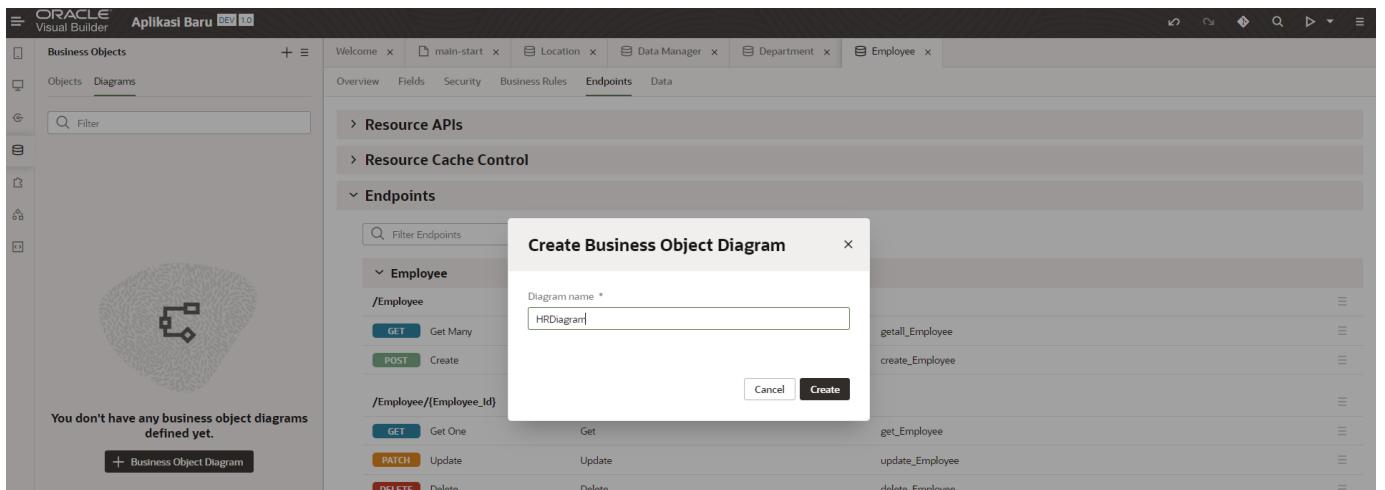
Diagrams

Business Object Diagram

APIs

Resource Cache Control

Endpoints



Main-start page untuk Display Departments

Pilih web applications pada tab navigator

This screenshot shows the main-start page of Oracle Visual Builder. The top navigation bar includes links for Oracle Cloud Infrastructure, Visual Builder Details, and the current application 'Aplikasi_Baru_1.0'. The left sidebar is titled 'Web Apps' and lists a single application named 'hrvapp'. The main content area features a 'Welcome' message: 'Welcome to your Aplikasi_Baru visual application'. It also includes sections for 'Connect to Data' (with a 'Service Connections' link) and 'Create Apps' (with 'Mobile Apps'). On the right, there is a 'Learn' section with links to 'Navigating your visual application', 'Understanding application building blocks', 'Using the artifact editors', 'Managing your visual applications', and 'Integrating Processes'. The bottom right corner has a 'Reading list' icon.

The screenshot shows the Oracle Visual Builder interface. On the left, the 'Web Apps' sidebar lists a project named 'hrwebapp' with a single page named 'main' containing a sub-page 'main-start'. The central area is the 'Page Designer' where the 'main-start' page is displayed. The page has a title 'Departments' and a subtitle 'About'. The right side features a 'Properties' panel for a selected 'Heading' component, which is an 'H1' element with the ID 'Departments' and class 'oj-flex-item oj-sm-12 oj-md-12'. The status bar at the bottom indicates 'Created with Visual Builder, Copyright © 2021'.

This screenshot is similar to the one above, showing the Oracle Visual Builder interface. The 'Web Apps' sidebar shows the same project structure. The 'Page Designer' area displays the 'main-start' page with the 'Departments' title and 'About' subtitle. A red arrow points to the 'Table' component listed in the 'Components' sidebar under the 'Collection' section. The 'Properties' panel on the right is visible but mostly empty. The status bar at the bottom of the interface shows 'Created with Visual Builder, Copyright © 2021'.

Lalu klik Add data

The screenshot shows the Oracle Visual Builder interface. On the left, there's a sidebar with 'Web Apps' and a tree view of 'hrwebapp' containing 'main' and 'main-start'. The main area is titled 'Page Designer' and shows a preview of a page titled 'Departments' with a table structure:

Column1	Column2	Column3	Column4
Sample Value	Sample Value	Sample Value	Sample Value
Sample Value	Sample Value	Sample Value	Sample Value
Sample Value	Sample Value	Sample Value	Sample Value

The preview also includes an 'About' section at the bottom with the text 'Created with Visual Builder, Copyright © 2021'.

To the right, there's a 'Table' panel with several options: 'Add Data' (highlighted with a red arrow), 'Add Create Page', 'Add Edit Page', 'Add Detail Page', and 'Add Delete Action'. A 'Properties' panel is also visible on the far right.

Below the main area, a modal window titled 'Add Data' is open, showing the first step: 'Choose the source of your data'. It lists 'Business Objects' with icons for 'Department' (highlighted with a red arrow), 'Employee', and 'Location'. The 'Next >' button is at the bottom right of the modal.

Add Data

Locate Data Bind Data Define Query

Endpoint Structure

Filter: # item[i]

- # id
- A createdBy
- { } creationDate
- # id
- { } lastUpdateDate
- A lastUpdatedBy
- [] links
 - item[i]
 - A href
 - A kind
 - A name**
 - { } properties
 - A rel
 - A name

Columns

# id	Text
A name	Text
A name	Text

Drop a field from Endpoint structure

Primary Key *: id

Include in row data: Drop a field from Endpoint structure

Lalu klik next, selanjutnya klik finish

Selanjutnya klik Data tab, lalu klik ikon Detail arrow disebelah Name (locationObject).

Oracle Cloud Infrastructure | Sign in | Oracle Visual Builder | Aplikasi_B... | + | Oracle Visual Builder | Aplikasi_B... | Reading list

instance1-y941720235.builder.ocp.oraclecloud.com/ic/builder/?root=application&application=Aplikasi_Baru_1.0&artifact=webApps_-hrwebapp_-flows_-main_-pages_-main-start-page§ion=main-start-page

Apps Ruang Kelas - JTI P... SIAKAD 2 | Sistem I...

ORACLE Visual Builder Aplikasi Baru DEV 1.0

Web Apps

main-start

Components

Table

Departments

Table

No data to display.

About
Created with Visual Builder, Copyright © 2021

Properties

Page untuk Department Business Object

Klik tab Quick Start, kemudian klik add create page.

The screenshot shows the Oracle Visual Builder interface. On the left, there's a sidebar titled 'Web Apps' with a tree view of 'hrwebapp' containing 'main' and 'main-start'. Below this is a 'Components' tree with sections like 'Structure', 'Table', 'List View', 'Layout', etc. In the center, a preview window displays a table titled 'Departments' with columns 'Id', 'Name', and 'Location'. A message at the bottom says 'No data to display.' To the right, a 'Properties' panel has tabs for 'General', 'Data', 'Events', 'All', and 'Quick Start'. Under 'Quick Start', several actions are listed with icons: 'Add Data' (table icon), 'Add Create Page' (pencil icon, highlighted with a red arrow), 'Add Edit Page' (pencil icon), 'Add Detail Page' (pencil icon), and 'Add Delete Action' (trash bin icon). At the bottom of the preview window, it says 'About' and 'Created with Visual Builder, Copyright © 2021'.

This is a screenshot of the 'Add Create Page' wizard. It shows a progress bar with two steps: 'Select Endpoint' (step 1) and 'Page Detail' (step 2). There are 'Cancel' and 'Next >' buttons at the top right. The main area is titled 'Choose the source of your data' and has a 'Business Objects' section. Inside, there are three icons: 'Department' (highlighted with a green box), 'Employee', and 'Location'. A search bar labeled 'Filter' is at the top right of this section. A large pencil icon is in the bottom right corner of the main area.

Oracle Visual Builder Aplikasi Baru dev 1.0

Web Apps

Filter

Structure

Components

Page Designer Actions (2) Event Listeners (2) Events Types (2) Variables (2) JavaScript JSON Settings

100% Fit to Canvas auto auto Live Design Code

Toolbar General Events All ID oj-toolbar-for-oj-table-1410790259-1 Chroming Solid Styling Bottom Border No Chrome Separator Top Border Class oj-flex-item oj-sm-12 oj-md-12 Slots contextMenu Empty

Departments

Create

Table

ID Name

No data to display.

About Created with Visual Builder, Copyright © 2021

Search Exchange

Oracle Visual Builder Aplikasi Baru dev 1.0

Mobile Applications

Filter

Structure

Components

Page Designer Actions (2) Event Listeners (2) Events Types (2) Variables (2) JavaScript JSON Settings

100% Fit to Canvas auto auto Live Design Code

Page General Events Preferred Layout Grid Flex Block

Create Department

Name Required

Cancel Save

About Created with Visual Builder, Copyright © 2021

instance1-y941720235.builder.ocp.oraclecloud.com/ic/builder/?root=application&application=Aplikasi_Baru-1.0&artifact=webApps_-_hrwebapp_-_flows_-_main_-_main-flow§ion=pageFlow

Apps Ruang Kelas - JTI P... SIAKAD 2 | Sistem ... Reading list

Oracle Visual Builder Aplikasi Baru dev 1.0

Web Apps

Filter

Diagram Actions (1) Event Listeners Events Types Variables JavaScript JSON Settings

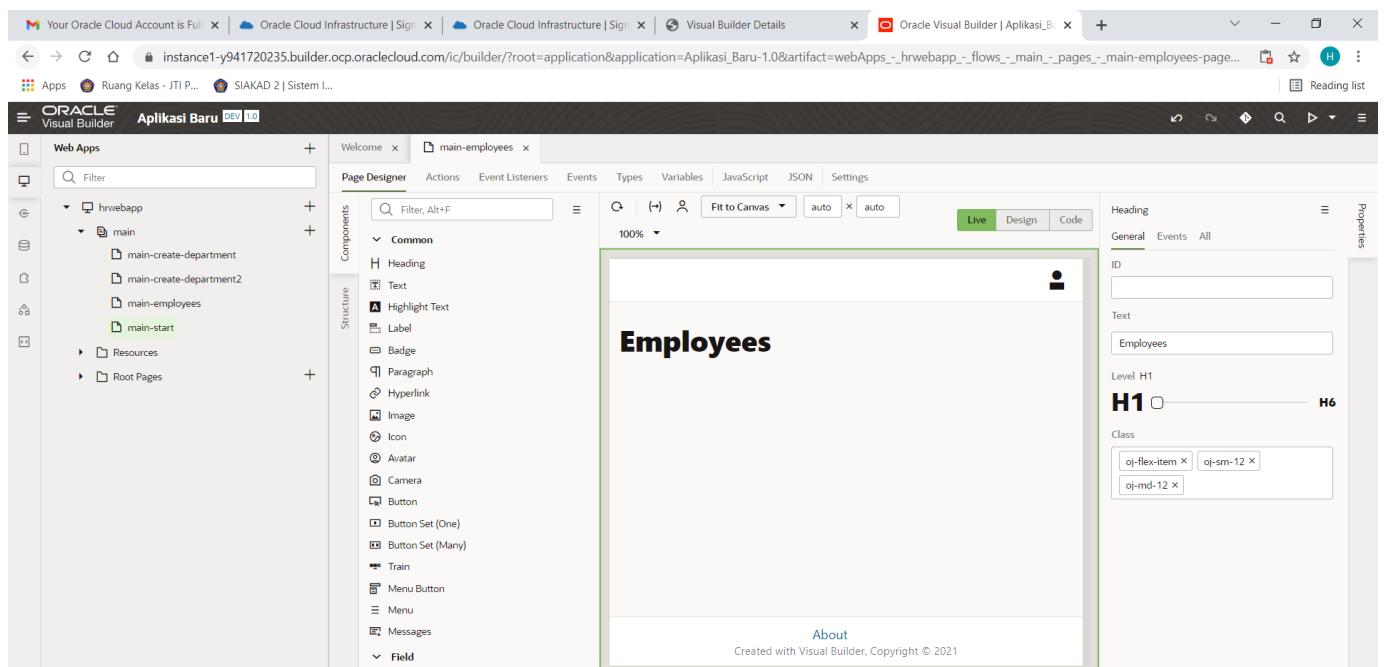
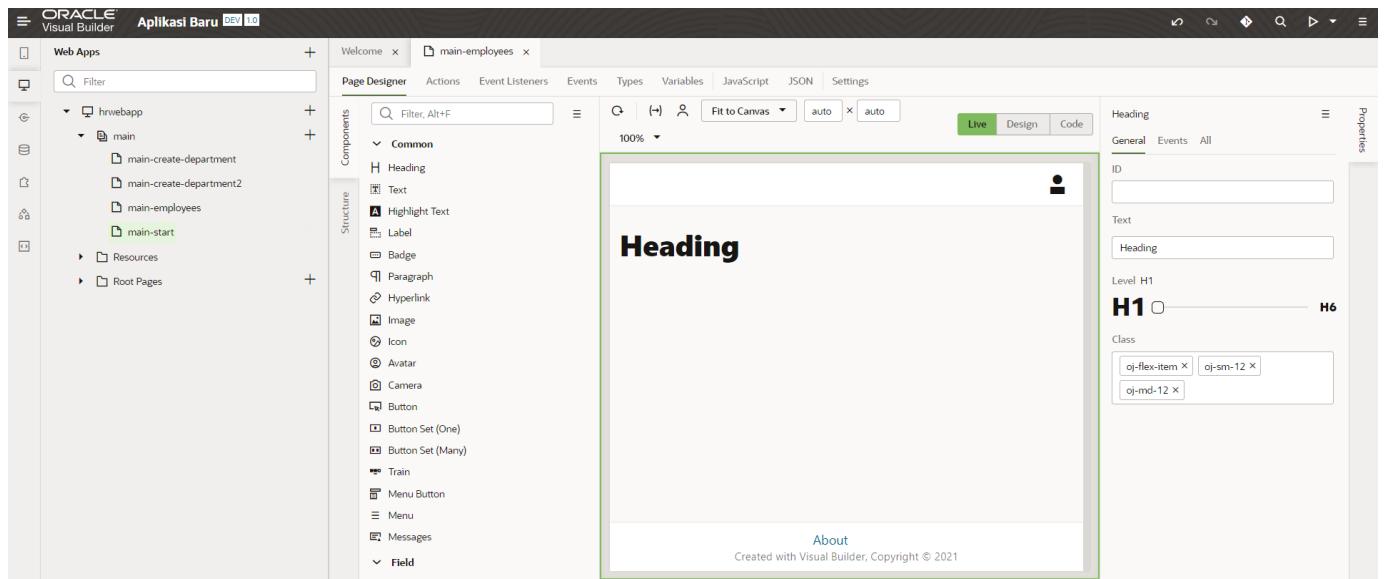
main-start Default main-create-de... main-create-de...

The screenshot shows the Oracle Visual Builder interface. On the left, the 'Web Apps' sidebar lists a project named 'hrwebapp' with a 'main' node containing 'main-create-department', 'main-create-department2', and 'main-start'. The main workspace displays a 'Departments' page with a table showing one row: ID 1, Name Administration, and Department. A 'Create' button is visible. The right side features a 'Properties' panel for a 'Button' component, showing settings like ID, Text (Create), Display (All), and Styling (Large). The top navigation bar includes tabs for Welcome, main-create-department, main, and main-start.

Menambah halaman display employees

- Pada main klik symbol + pada main node

The screenshot shows the Oracle Visual Builder interface. The 'Web Apps' sidebar is visible on the left. In the center, a 'Create Page' dialog box is open, prompting for a 'Page ID' with the value 'main-employed'. The background shows a 'Welcome to your Aplikasi Baru visual application' message and a 'Service Connections' section. To the right, there's a 'Create Apps' section with a 'Create' button and a 'Learn' sidebar with various documentation links. The top navigation bar includes tabs for Welcome, main-create-department, main, and main-start.



ORACLE Visual Builder Aplikasi Baru DEV 1.0

Web Apps

- hrwebapp
 - main
 - main-create-department
 - main-create-department2
 - main-employees
 - main-start
- Resources
- Root Pages

Page Designer Actions Event Listeners Events Types Variables JavaScript JSON Settings

Components

- Filter, Alt+F
- Select (One)
- Select (Single)
- Select (Many)
- Checkbox Set
- Radio Button Set
- Input Search
- Collection
 - Table
 - List View
 - Layout
 - Horizontal Rule
 - Divide
 - Toolbar
 - Navigation List
 - Tabs with Content
 - Tab Bar
 - Switcher
 - Collapsible
 - Accordion
 - Conversation Bar

Table General Data Events All Quick Start

Employees

Column1	Column2	Column3	Column4
Sample Value	Sample Value	Sample Value	Sample Value
Sample Value	Sample Value	Sample Value	Sample Value
Sample Value	Sample Value	Sample Value	Sample Value

About
Created with Visual Builder, Copyright © 2021

Add Data

Map the table to a data source, so we can populate it with data.

Add Create Page
Add a new action and a page with a form for creating a row.

Add Edit Page
Add a new action and a page updating the selected record.

Add Detail Page
Add a new action and a page with the record details.

Add Delete Action
Add a new action deleting the selected record.

Add Data

Cancel

Locate Data Bind Data Define Query

Next >

Choose the source of your data

Business Objects

Department Employee Location



Add Data

Back Next >

Locate Data Bind Data Define Query

Endpoint Structure

Filter

- item[i]
 - createdBy
 - creationDate
 - department
 - departmentObject
 - email
 - hireDate
 - # id
 - lastUpdateDate
 - lastUpdatedBy
 - links

Columns

email	Text
hireDate	Text
# id	Text
A name	Text

Primary Key *
id

Include in row data

Drop a field from Endpoint structure

Add Data

1 Locate Data 2 Bind Data 3 Define Query

Endpoint Structure

- response
 - items
 - item[i]
 - createdBy
 - creationDate
 - department
 - departmentObject
 - email
 - hireDate
 - # id
 - lastUpdateDate
 - lastUpdatedBy
 - links
 - A name

Columns

- email
- hireDate
- # id
- A name
- A name

Primary Key *
id

Include in row data
Drop a field from Endpoint structure

Add Data

1 Locate Data 2 Bind Data 3 Define Query

Sources

- Page
 - System
- Flow
 - System
- Application
 - System

Target

getall_Employee

- uriParameters
- headers
- filterCriterion

Drag a source onto a target variable to create a mapping, or click on a target to define a static value or expression.

Selecting target item with builder badge allows access to builder, an alternative way to set up conditions as you need.

Your Oracle Cloud Account is Full

Oracle Cloud Infrastructure | Sign In

Oracle Cloud Infrastructure | Sign In

Visual Builder Details

instance1-y941720235.builder.ocp.oraclecloud.com/ic/builder/?root=application&application=Aplikasi_Baru_1.0&artifact=webApps-_hrwebapp_-flows_-_main_-_pages_-_main-employees-page...

Finish

Reading list

Apps Ruang Kelas - ITI P... SIAKAD 2 | Sistem I...

ORACLE Visual Builder Aplikasi Baru

Web Apps

Welcome main-employees

Page Designer Actions Event Listeners Events Types Variables JavaScript JSON Settings

Structure

Components

hrwebapp

- main
 - main-create-department
 - main-create-department2
 - main-employees
 - main-start

Resources

Root Pages

Employees

Email T1 Hire Date T1 Id T1 Name T1 Department T2

About

Created with Visual Builder, Copyright © 2021

Properties

Halaman Create untuk Employee Business Object

1. Quick start, klik Add Create Page

The screenshot shows the Oracle Visual Builder interface. On the left, there's a sidebar with 'Web Apps' and 'hrwebapp' selected. Under 'hrwebapp', 'main' is expanded, showing 'main-create-department', 'main-create-department2', 'main-employees' (which has a red arrow pointing to it), and 'main-start'. Below these are 'Resources' and 'Root Pages'. The main area is the 'Page Designer' with tabs for 'Actions', 'Event Listeners', 'Events', 'Types (1)', 'Variables (1)', 'JavaScript', 'JSON', and 'Settings'. The 'Components' panel on the left lists various UI elements like Common, Text, Highlight Text, Label, Badge, Paragraph, Hyperlink, Image, Icon, Avatar, Camera, Button, Button Set (One), Button Set (Many), Train, Menu Button, Menu, and Messages. The central canvas displays a page titled 'Employees' with a table header and a message 'No data to display.'. The bottom right of the page says 'About' and 'Created with Visual Builder, Copyright © 2021'. To the right of the canvas is a 'Table' section with tabs for 'General', 'Data', 'Events', 'All', and 'Quick Start' (which is highlighted). The 'Quick Start' section contains several items: 'Add Data' (Map the table to a data source so we can populate it with data), 'Add Create Page' (Add a new action and a page with a form for creating a row), 'Add Edit Page' (Add a new action and a page updating the selected record), 'Add Detail Page' (Add a new action and a page with the record details), and 'Add Delete Action' (Add a new action deleting the selected record). A red box surrounds the 'Add Create Page' item.

The screenshot shows the 'Add Create Page' wizard. It has two steps: 'Select Endpoint' (which is active) and 'Page Detail'. In the 'Select Endpoint' step, there's a heading 'Choose the source of your data' with a search bar. Below it, there's a section for 'Business Objects' with three icons: 'Department' (a person icon), 'Employee' (a database icon with a red arrow pointing to it), and 'Location' (a location pin icon). The 'Employee' icon is highlighted with a red box. In the 'Page Detail' step, there's a progress bar at the top with '1' and '2' and a 'Next >' button. In the bottom right corner of the wizard window, there's a circular icon with a pencil symbol.

Add Create Page

1 Select Endpoint 2 Page Detail

Endpoint Structure

- request
- createdBy
- creationDate
- department
- departmentObject
- email
- hireDate
- # id
- lastUpdateDate
- lastUpdatedBy
- A name

Fields

- A name (Input Text)
- hireDate (Input Date)
- email (Email)
- department (Select One)

Button label: Create

Page title: Create Employee

Page name: main-create-employee

Include in row data: Drop a field from Endpoint structure

Selanjutnya klik live, kemudian masukin data

ORACLE Visual Builder Aplikasi Baru DEV 1.0

Web Apps Welcome x main-employees x main-create-employee x

Page Designer Actions (2) Event Listeners (2) Events Types (3) Variables (5) JavaScript JSON Settings

Live Design Code

Structure Components

Common

- Heading
- Text
- Highlight Text
- Label
- Badge
- Paragraph
- Hyperlink
- Image
- Icon
- Avatar
- Camera
- Button
- Button Set (One)
- Button Set (Many)
- Train
- Menu Button
- Menu
- Messages
- Field

Create Employee

Name: Lasile Smith

Hire Date: 10/18/2021

Email: lsmith@example.com

Department: Administration

Cancel Save

About
Created with Visual Builder, Copyright © 2021

The screenshot shows the Oracle Visual Builder interface. On the left, there's a sidebar with 'Web Apps' and a tree view of the application structure under 'hrwebapp'. The main area is titled 'Page Designer' and shows the 'Employees' page in 'Live' mode. The page has a header 'Employees' and a 'Create' button. Below is a table with columns: Email, Hire Date, Id, Name, and Department. A single row is shown: lsmith@example.com, 2021-10-18, 1, Lasile Smith, Administ...'. The right side has a 'Properties' panel with tabs for Table, General, Data, Events, All, and Quick Start.

Klik code untuk melihat kode halaman html dari halaman main-employees

The screenshot shows the Oracle Visual Builder interface with the 'Employees' page in 'Code' mode. The code editor displays the following HTML and JavaScript code:

```

1 <div class="oj-flex">
2 | <h1 class="oj-flex-item oj-sm-12 oj-md-12">Employees</h1>
3 </div>
4 <div class="oj-flex">
5 | <ojs-toolbar id="oj-toolbar-for-" chroming="solid" class="oj-f...
6 | | <ojs-button on-ojs-action="[$listeners.createEmployeeButtonC...
7 | </ojs-toolbar>
8 </div>
9 <div class="oj-flex">
10 | <ojs-table scroll-policy="loadMoreOnScroll" class="oj-flex-item...
11 | | data="[[&#page.variables.employeeListSDP]]"
12 | | columns='[{"headerText":"Email","field":"email"}, {"headerTe...
13 | | <template slot="nameCellTemplate5">
14 | | | <ojs-bind-text value="[[ $current.data.items[0] ? $current...
15 | | </template>
16 | </ojs-table>
17 </div>
18

```

The right side has a 'Properties' panel with tabs for Page, General, Events, Preferred Layout, Grid, Flex, and Block.

Selanjutnya klik Design, lalu klik structure

The screenshot shows the Oracle Visual Builder interface for a new application. The left sidebar lists 'Web Apps' with a tree structure: 'hrwebapp' > 'main' > 'main-create-department', 'main-create-department2', 'main-create-employee', 'main-employees' (which is selected), and 'main-start'. The main area is titled 'Employees' and shows a table with one row of data: 'lsmith@example.com' (Email), '2021-10-18' (Hire Date), '1' (Id), 'Lasile Smith' (Name), and 'Administration' (Department). The 'Structure' tab is highlighted in the Components panel on the left.

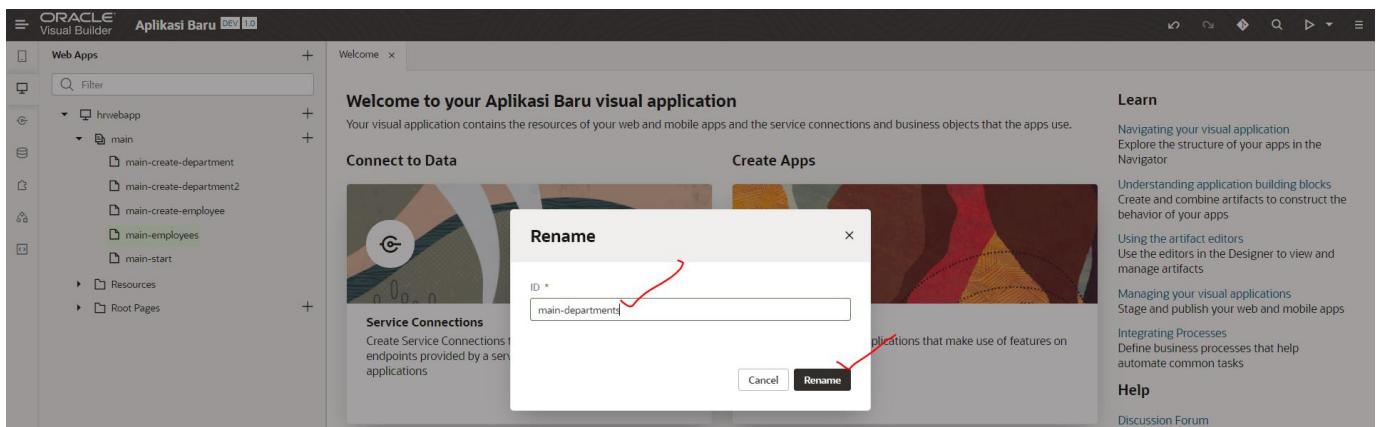
Klik structure lagi untuk menutup structure review

The screenshot shows the Oracle Visual Builder interface for a new mobile application. The left sidebar lists 'Mobile Applications' with a similar tree structure to the web app. The main area is titled 'Employees' and shows the same table of data. The 'Structure' tab is highlighted in the Components panel on the left.

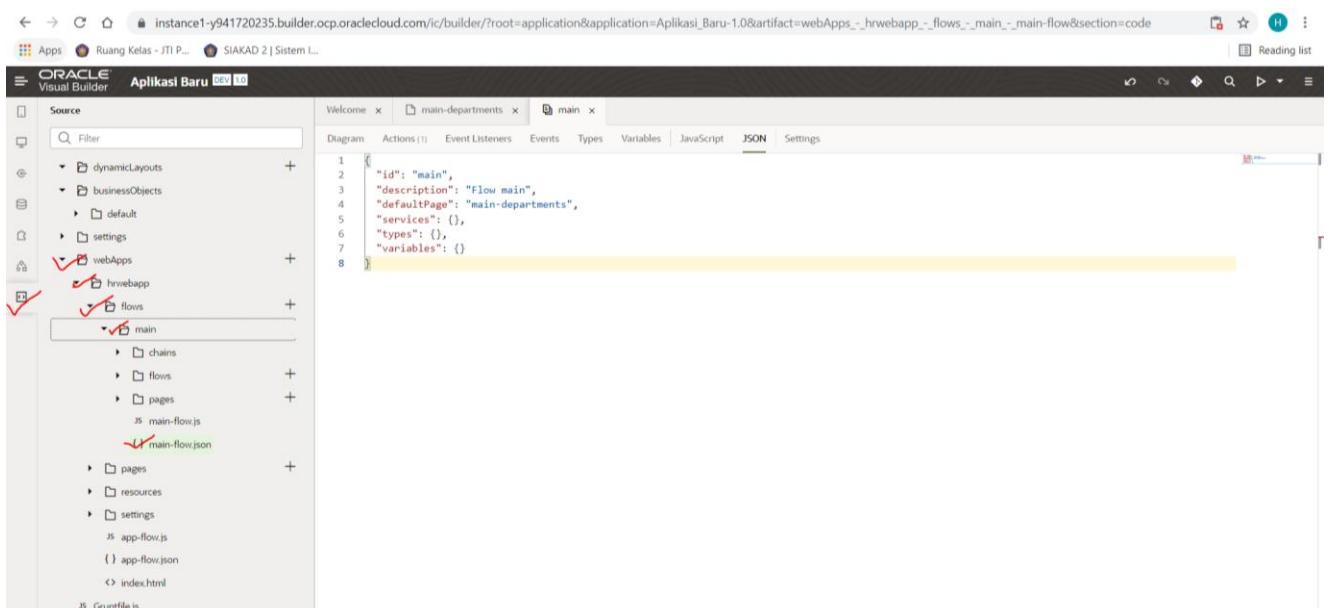
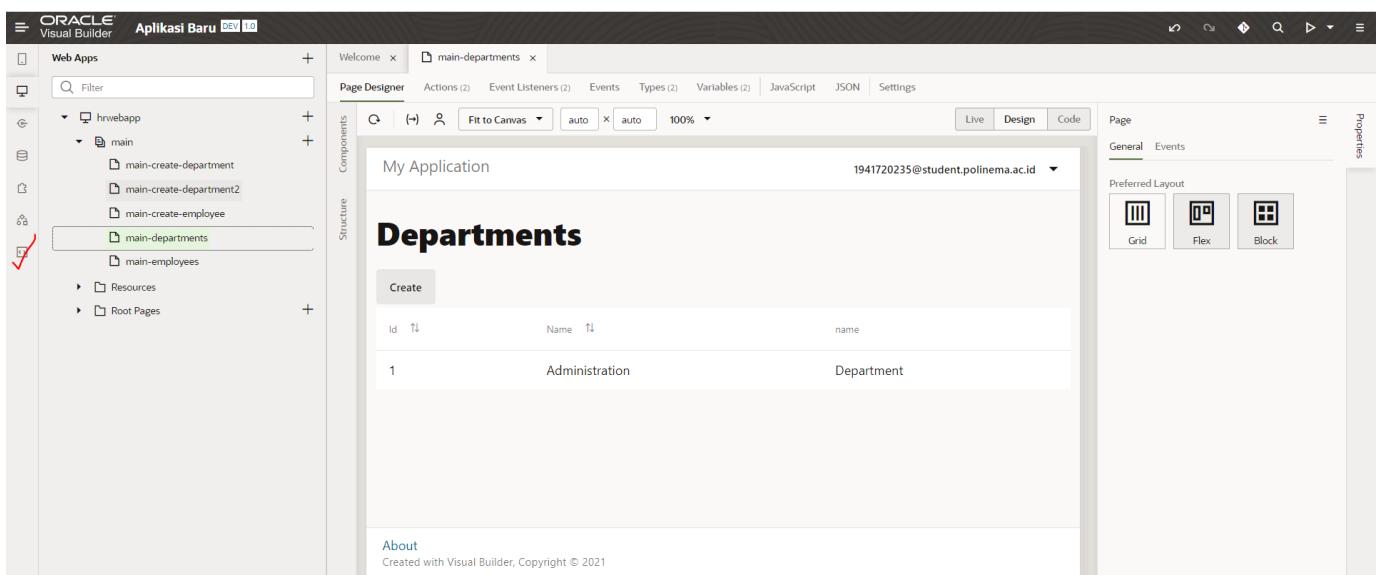
Mengganti nama halaman main-start

- Pada side menu (web Apps) klik kanan pada main-start, kemudian pilih rename

The screenshot shows the Oracle Visual Builder interface for a new application. The left sidebar shows a context menu for 'main-start' with options: 'Duplicate', 'Rename' (highlighted with a red arrow), and 'Delete'. The main area displays a welcome message and sections for 'Connect to Data' and 'Create Apps'.

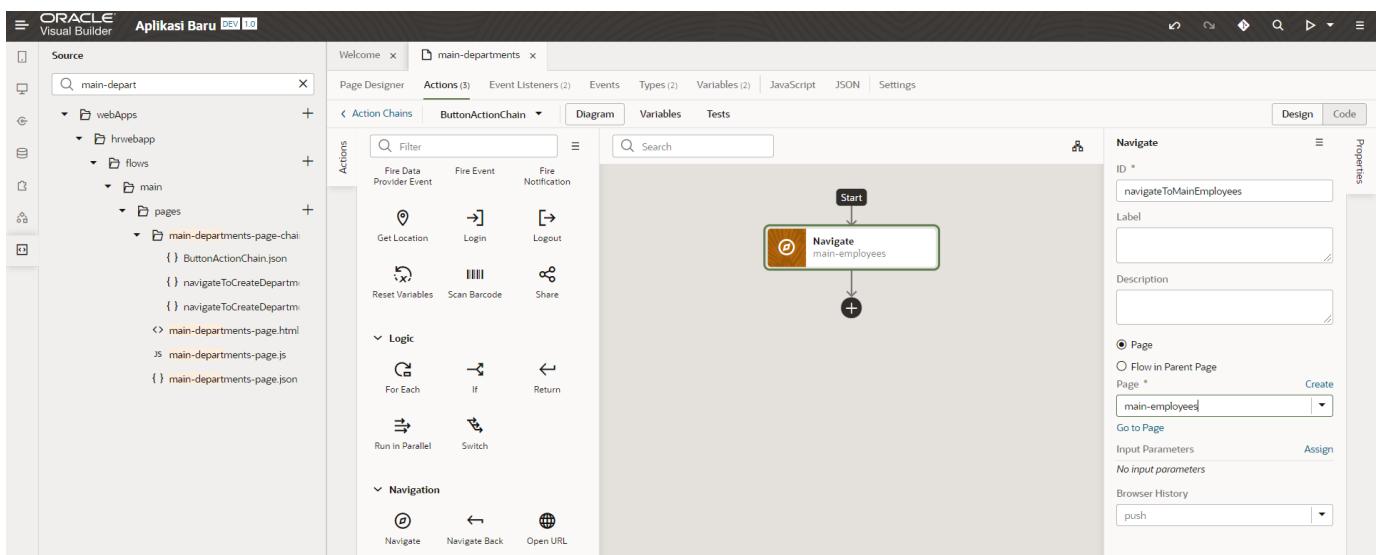
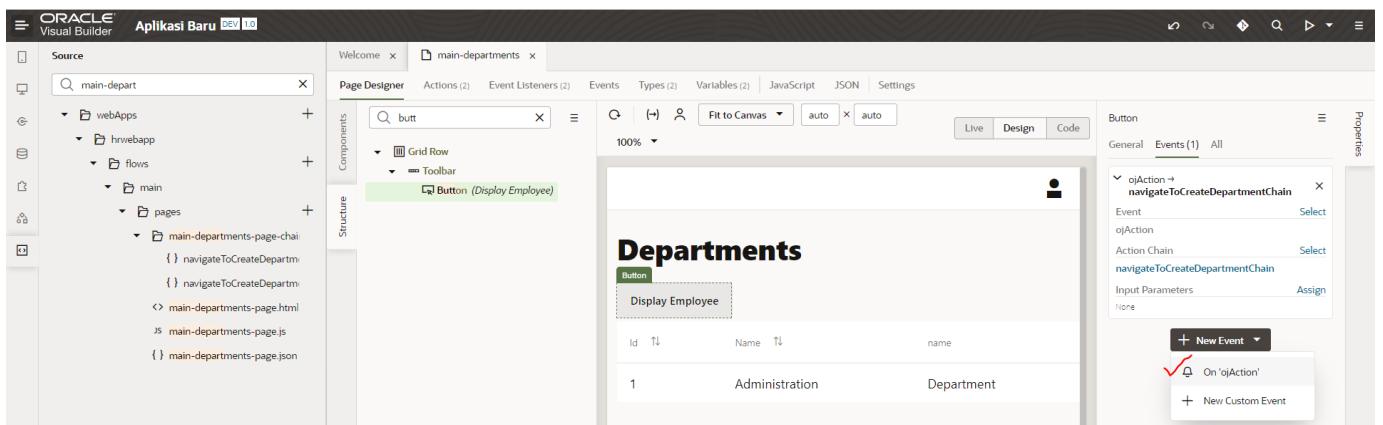
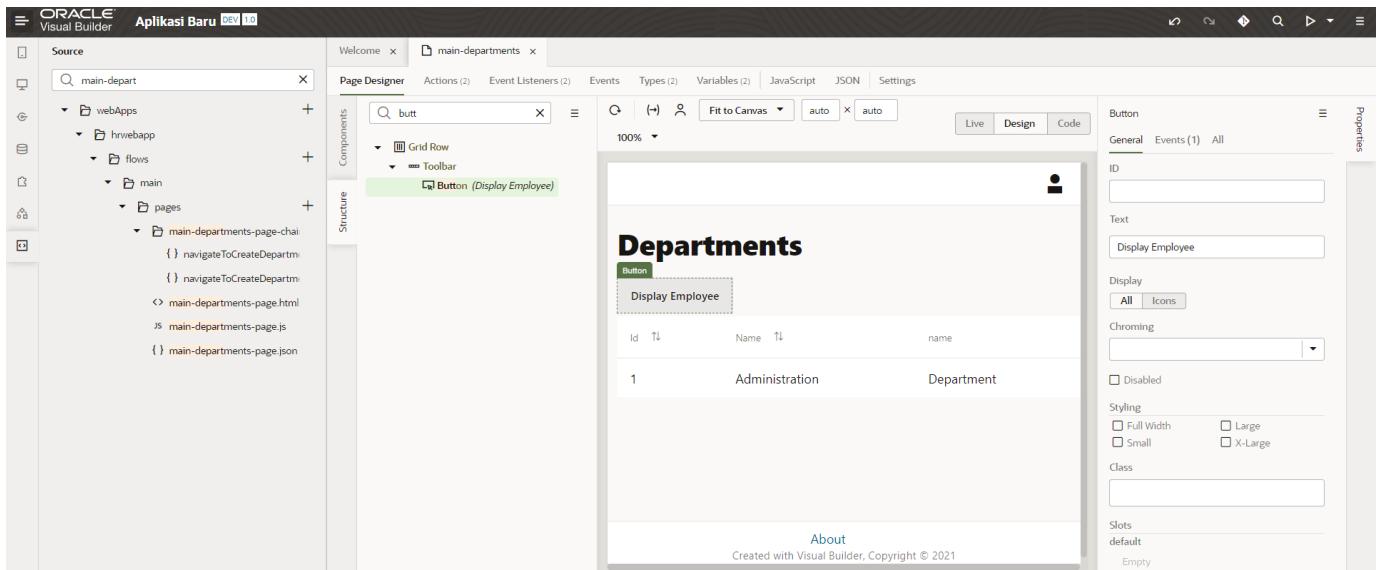


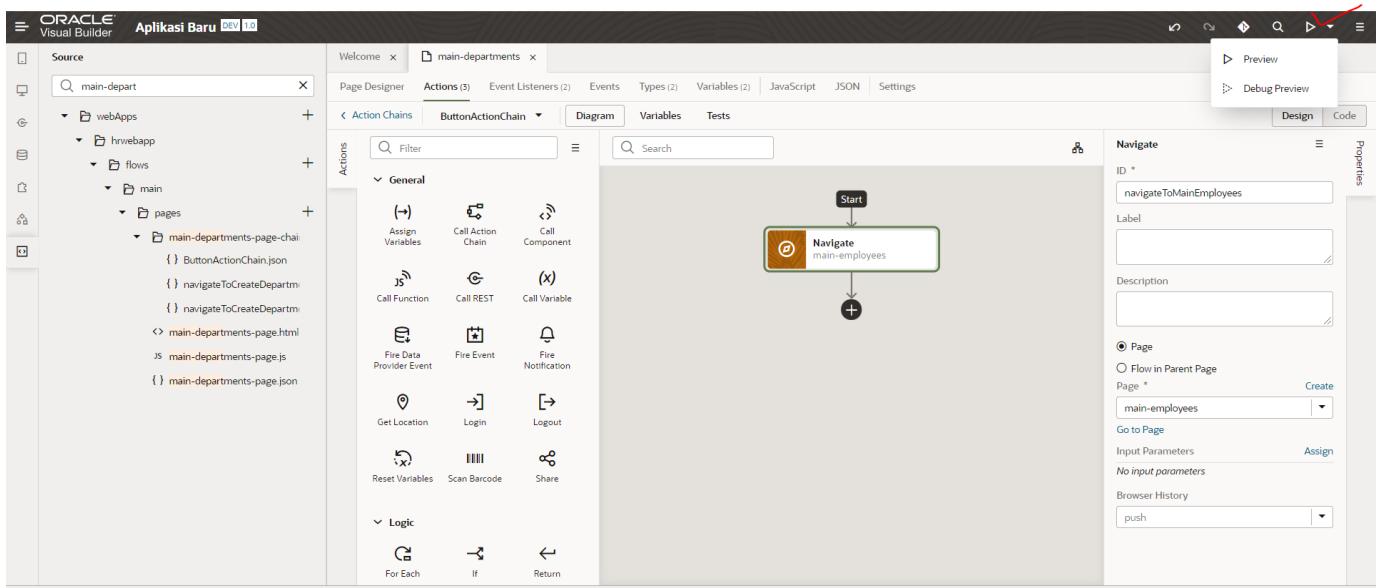
Setelah rename, double klik pada main-departments.



Action Chain halaman Departments ke halaman Employess

1. Tambahkan button pada halaman main-departments, beri nama button “Display Employee”





The screenshot shows a web browser window for 'My Application' at the URL 'https://instance1-y941720235.builder.ocp.oraclecloud.com/ic/builder/design/Aplikasi_Baru/1.0/preview/webApps/hrwebapp?page=shell&shell=main&main=create-department'. The page title is 'Create Department'. It contains a form with a 'Name' field containing 'IT' and two buttons: 'Cancel' and 'Save'. Below the form is an 'About' section stating 'Created with Visual Builder, Copyright © 2021'.

The screenshot shows a web browser window for 'My Application' at the URL 'https://instance1-y941720235.builder.ocp.oraclecloud.com/ic/builder/design/Aplikasi_Baru/1.0/preview/webApps/hrwebapp?page=shell&shell=main&main=main-employees'. The page title is 'Employees'. It displays a table with columns: Email, Hire Date, Id, Name, and Department. A single row is shown with the values: 'ismith@example.com', '2021-10-18', '1', 'Lasile Smith', and 'Administration'. A red checkmark is drawn next to the 'Create' button in the top-left corner of the table header.

My Application

1941720235@student.polinema.ac.id ▾

Create Employee

Name	Hidayatullah Ibrahim S.
Hire Date	10/18/2021
Email	1941720235@student.polinema.ac.id
Department	IT

[Cancel](#) [Save](#)

Hasil penambahan data

Your Oracle Cloud Account | Oracle Cloud Infrastructure | Oracle Cloud Infrastructure | Visual Builder Details | Oracle Visual Builder | Application | https://instance1-y941720235... | + | - | X

instance1-y941720235.builder.ocp.oraclecloud.com/ic/builder/design/Aplikasi_Baru/1.0/preview/webApps/hrwebapp/?page=shell&shell=main&main=main-employees

Apps Ruang Kelas - JTI P... SIAKAD 2 | Sistem I...

My Application

1941720235@student.polinema.ac.id ▾

Employees

Create				
Email	Hire Date	Id	Name	Department
1941720235@student.polinema.ac.id	2021-10-18	2	Hidayatullah Ibrahim S.	IT
Ismith@example.com	2021-10-18	1	Lasile Smith	Administration

Action Chain halaman Employees ke halaman Departments

- Untuk proses action chain halaman ke halaman departments sama dengan pada Langkah sebelumnya, beri nama tombol “Display Departments”. Untuk Navigate Page “Navigate maindepartments”
- Klik preview

Your Oracle Cloud Account | Oracle Cloud Infrastructure | Oracle Cloud Infrastructure | Visual Builder Details | Oracle Visual Builder | Application | https://instance1-y941720235... | + | - | X

instance1-y941720235.builder.ocp.oraclecloud.com/ic/builder/design/Aplikasi_Baru/1.0/preview/webApps/hrwebapp/?page=shell&shell=main&main=main-employees

Apps Ruang Kelas - JTI P... SIAKAD 2 | Sistem I...

My Application

1941720235@student.polinema.ac.id ▾

Employees

Create				
Email	Hire Date	Id	Name	Department
1941720235@student.polinema.ac.id	2021-10-18	2	Hidayatullah Ibrahim S.	IT
Ismith@example.com	2021-10-18	1	Lasile Smith	Administration

Email	Hire Date	Id	Name	Department
1941720235@student.polinema.ac.id	2021-10-18	2	Hideyatullah Ibrahim S.	IT
lsmith@example.com	2021-10-18	1	Lasile Smith	Administration

Import Data ke Business Object

1. Pada navigator, pilih tab business object, kemudian klik object tab

Welcome to your Aplikasi Baru visual application

Your visual application contains the resources of your web and mobile apps and the service connections and business objects that the apps use.

Connect to Data

Create Service Connections to consume existing REST endpoints provided by a service and use them in your applications

Create Apps

Create native mobile applications that make use of features on mobile devices

Business Objects

Manage your visual applications
Stage and publish your web and mobile apps

Learn

- Navigating your visual application
- Explore the structure of your apps in the Navigator
- Understanding application building blocks
- Create and combine artifacts to construct the behavior of your apps
- Using the artifact editors
- Use the editors in the Designer to view and manage artifacts
- Managing your visual applications
- Integrating Processes
- Define business processes that help automate common tasks

Help

- Discussion Forum
- Product Tour Video
- Documentation
- Sample Apps at GitHub
- Visual Builder Blog
- Visual Builder YouTube Channel

The screenshot shows the Oracle Visual Builder interface. The left sidebar lists 'Business Objects' with 'Department' selected. The main area has tabs for 'Welcome', 'Department', and 'Employee'. The 'Data' tab is currently active, indicated by a red arrow. Below it is a 'Query' section with various filters and a dropdown set to 'Development'. A table lists departments with columns 'Id' and 'Name'. The table shows six rows: 1 (Administration), 2 (Marketing), 3 (Purchasing), 4 (Human Resources), 5 (IT), and 6 (Sales). The last row is highlighted in green.

Ulangi Langkah yang sama untuk import data Employee menggunakan file Employee.csv

The screenshot shows the Oracle Visual Builder interface. The left sidebar lists 'Business Objects' with 'Employee' selected. The main area has tabs for 'Welcome', 'Department', and 'Employee'. The 'Data' tab is currently active, indicated by a red arrow. Below it is a 'Query' section with various filters and a dropdown set to 'Development'. A table lists employees with columns 'Department', 'Email', 'Hire Date', 'Id', and 'Name'. The table shows two rows: one for 'Administration' with email 'ismith@example.com' and another for 'Marketing' with email '1941720235@student.polinema.ac.id'. Both rows have 'Oct 18, 2021' as the hire date and IDs 1 and 2 respectively. Names are Lasile Smith and Hidayatullah Ibrahim S.

The screenshot also shows a modal dialog titled 'Import Data' overlaid on the main interface. It asks for a CSV file to import and provides options for 'Row Handling': 'Append' (which may create duplicates) or 'Replace' (which will erase existing data). The 'Replace' option is selected. The 'Import' button is at the bottom right of the dialog.

The screenshot shows the Oracle Visual Builder interface with the title bar "Oracle Visual Builder | Aplikasi_Baru". The left sidebar lists "Business Objects" under "Objects", including "Department", "Employee", and "Location". The main area has tabs for "Overview", "Fields", "Security", "Business Rules", "Endpoints", and "Data". The "Data" tab is selected, displaying a grid titled "Query" with the following columns: Department, Email, Hire Date, Id, and Name. The data rows represent various employees across different departments:

Department	Email	Hire Date	Id	Name
Administration (1)	edavis@example.com	Jun 17, 2006	1	Elizabeth Davis
Administration (1)	jmiller@example.com	Sep 21, 2008	2	James Miller
Marketing (2)	jgarcia@example.com	Jan 15, 2004	3	Jennifer Garcia
Purchasing (5)	mwilliams@example.com	Jan 5, 2009	4	Mark Williams
Marketing (2)	sbrown@example.com	May 21, 2010	5	Sarah Brown
Administration (1)	dsmith@example.com	Jun 25, 2008	6	David Smith
Marketing (2)	kjohnson@example.com	Feb 5, 2009	7	Karen Johnson
Purchasing (5)	rwilson@example.com	Feb 7, 2010	8	Richard Wilson
Administration (1)	ljones@example.com	Aug 17, 2005	9	Linda Jones

Berhasil import data Employee

Halaman edit department business object (data manipulation)

The screenshot shows the Oracle Visual Builder interface with the title bar "Oracle Visual Builder | Aplikasi_Baru". The left sidebar lists "Web Apps" under "hrwebapp", including "main", "Resources", and "Root Pages". The main area shows the "Page Designer" tab with a "Components" panel containing "Grid Row", "Toolbar", "Table", and "Cell Template". The "Structure" panel shows a hierarchical tree of components. The central workspace displays a page titled "Departments" with a "Display Employee" button. The right panel shows the properties for a "Button" component, including "Text: Display Employee", "Display: All", "Chroming: None", "Styling: Large", and "Class: default". Below the workspace is a table listing departments:

ID	Name	Type
1	Administration	Department
2	Marketing	Department
3	Purchasing	Department
4	Human Resources	Department
5	IT	Department
6	Sales	Department

ORACLE Visual Builder Aplikasi Baru DEV 1.0

Web Apps +

Filter

Structure

Components

Table

General Data Events All Quick Start

Add Data

Add Create Page

Add Edit Page

Add Detail Page

Add Delete Action

Properties

Departments

Display Employee

ID	Name	Department
1	Administration	Department
2	Marketing	Department
3	Purchasing	Department
4	Human Resources	Department
5	IT	Department
6	Sales	Department

Add Edit Page

Cancel Next >

1 Select Read Endpoint 2 Select Update Endpoint 3 Page Details

Choose the source of your data

Business Objects

Department Employee Location

Add Edit Page

< Back Next >

1 Select Read Endpoint 2 Select Update Endpoint 3 Page Details

Choose the source of your data

Business Objects

Department Employee Location



Add Edit Page

1 Select Read Endpoint 2 Select Update Endpoint 3 Page Details

Endpoint Structure

Filter

- response
 - createdBy
 - creationDate
 - # id
 - lastUpdatedDate
 - lastUpdatedBy
 - links
 - name

Fields

A name Input Text

Drop a field from Endpoint structure

Button label

Edit Department

Page title

Edit Department

Page name

main-edit-department

Include in row data (?)

Drop a field from Endpoint structure

Finish

Halaman detail untuk Department business object

1. Pilih quick start, klik Add Detail Page

ORACLE Visual Builder Aplikasi Baru DEV 1.0

Web Apps

Filter

main-departments

Page Designer Actions (5) Event Listeners (4) Events Types (2) Variables (3) JavaScript JSON Settings

Components

Structure

100% Live Design Code

Table General Data Events All Quick Start

Add Data Map the table to a data source, so we can populate it with data.

Add Create Page Add a new action and a page with a form for creating a row.

Add Edit Page Add a new action and a page updating the selected record.

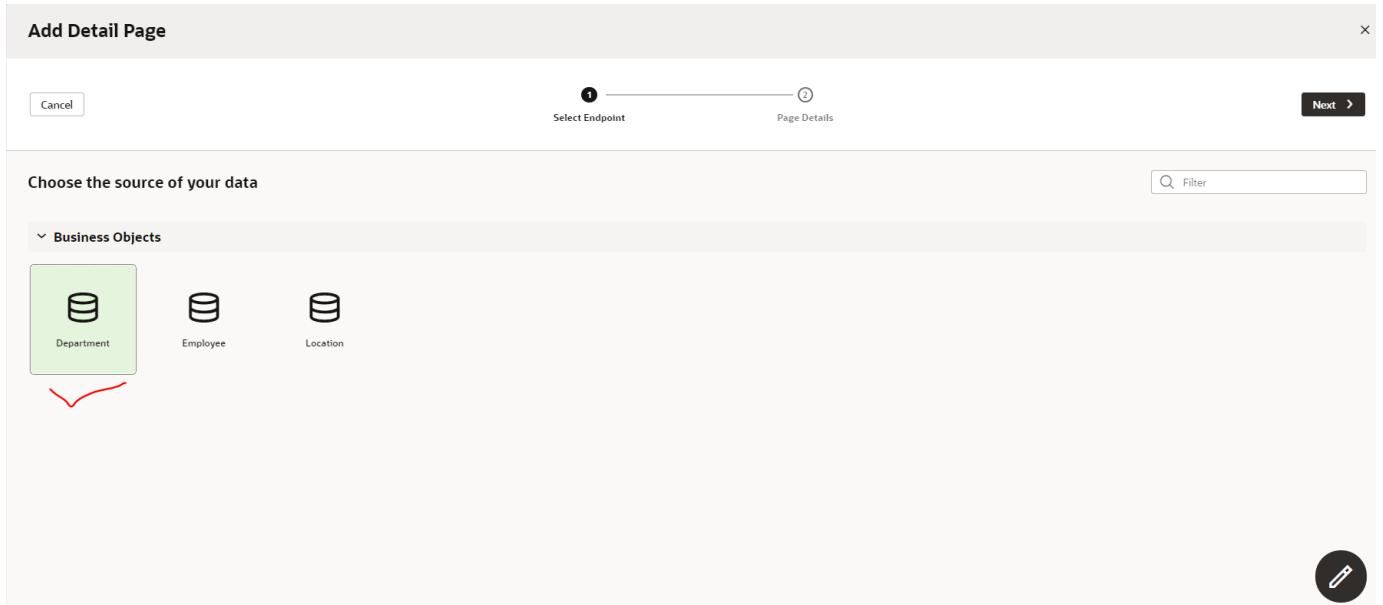
Add Detail Page Add a new action and a page with the record details.

Add Delete Action Add a new action deleting the selected record.

Departments

Display Employee Edit Department

ID	Name	Department
1	Administration	Department
2	Marketing	Department
3	Purchasing	Department
4	Human Resources	Department
5	IT	Department
6	Sales	Department



Add Detail Page

Back Finish

1 Select Endpoint 2 Page Details

Endpoint Structure

Filter

- ✓ { } response
 - ✓ A createdBy
 - ✓ { } creationDate
 - ✓ # id
 - ✓ { } lastUpdateDate
 - ✓ A lastUpdatedBy
- ✓ [] links
 - ✓ { } item[i]
 - ✓ A href
 - ✓ A kind
 - A name
 - ✓ { } properties
 - ✓ A rel
 - A name

Fields

A name X Input Text

A name X Input Text

Drop a field from Endpoint structure

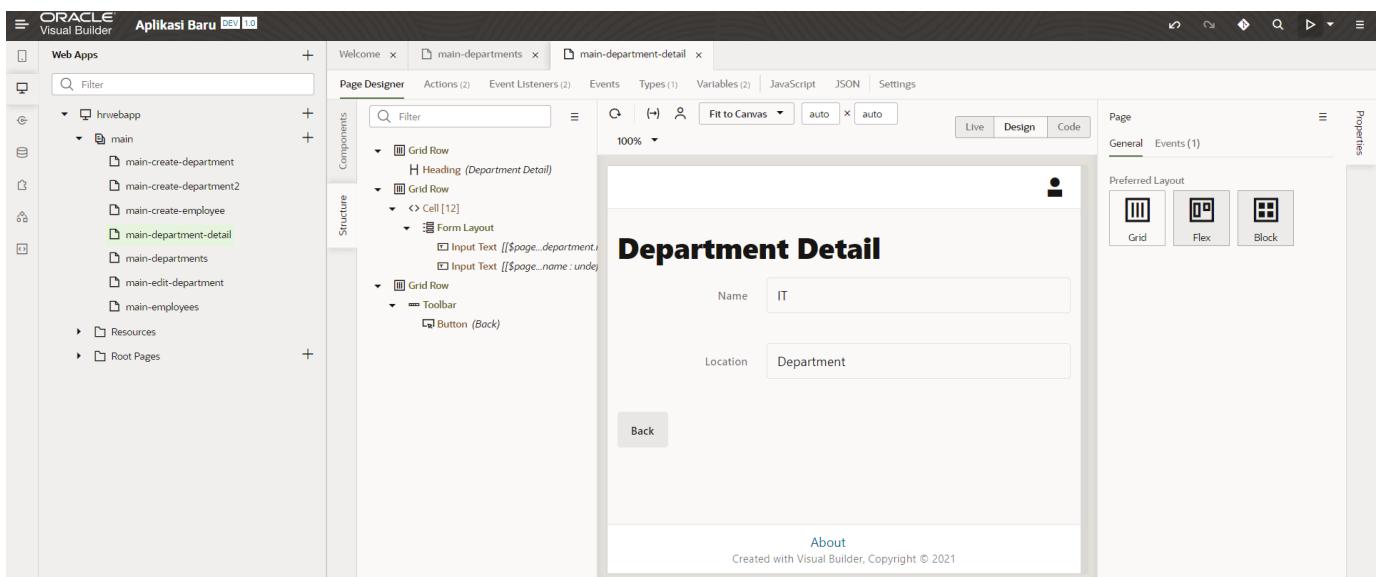
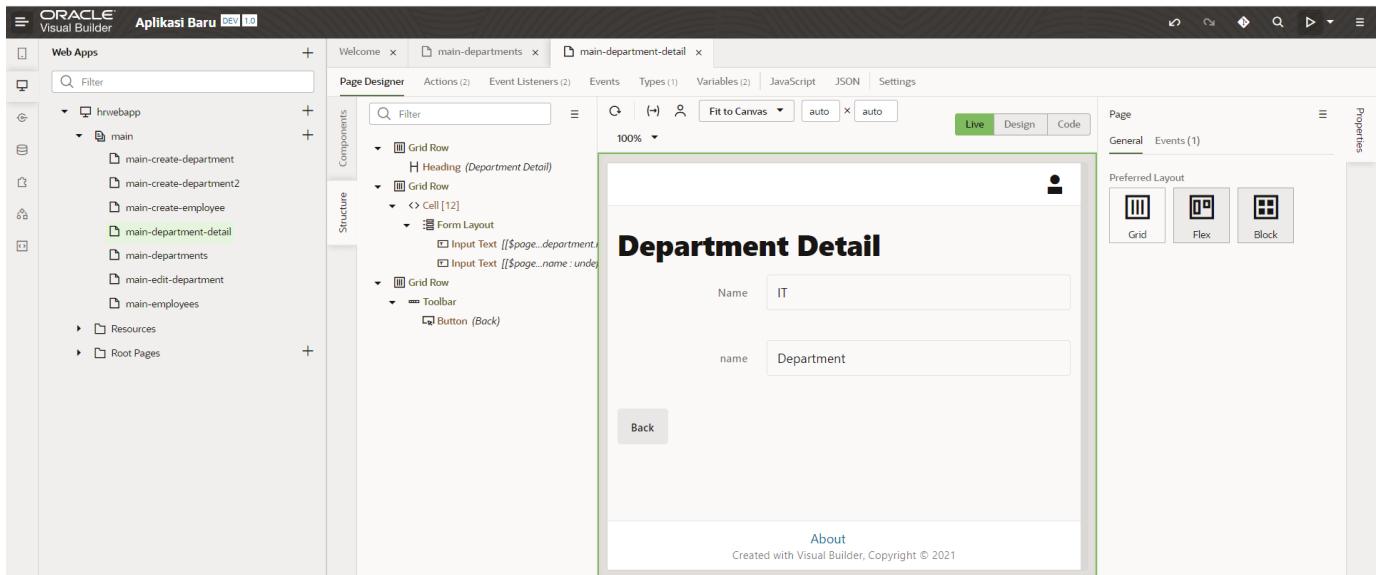
Button label Department Detail

Page title Department Detail

Page name main-department-detail

Include in row data Drop a field from Endpoint structure

Klik live, pilih data (terserah), klik tombol departments Detail untuk membuka halaman maindepartment



Halaman delete untuk Department Business Object

1. Kembali ke halaman main-department, klik Quick Start klik add delete action

ORACLE Visual Builder Aplikasi Baru DEV 10

Web Apps

hrwebapp

- main
 - main-create-department
 - main-create-department2
 - main-create-employee
 - main-department-detail
 - main-departments
 - main-edit-department
 - main-employees
- Resources
- Root Pages

Page Designer Actions (6) Event Listeners (5) Events Types (2) Variables (3) JavaScript JSON Settings

Components

Structure

Table

General Data Events All Quick Start

Add Data Map the table to a data source, so we can populate it with data.

Add Create Page Add a new action and a page with a form for creating a row.

Add Edit Page Add a new action and a page updating the selected record.

Add Detail Page Add a new action and a page with the record details.

Add Delete Action Add a new action deleting the selected record.

Departments

Display Employee Edit Department Department Detail

Id	Name	Department
1	Administration	Department
2	Marketing	Department
3	Purchasing	Department
4	Human Resources	Department
5	IT	Department
6	Customer Support	Department

Add Delete Action

Select Endpoint

Choose the source of your data

Business Objects

Department Employee Location

Department

Finish

Filter





Id	Name	name
1	Administration	Department
2	Marketing	Department
3	Purchasing	Department
4	Human Resources	Department
5	IT	Department
6	Sales	Department
7	Hidayatullah Ibrahim	Department

Test Fungsi Halaman Department Business Object

1. Lakukan test pada setiap tombol yang telah anda buat dengan menggunakan mode review
 2. Cobalah menambahkan Data, Update, dan menghapus
- Menambahkan data

Id	Name	name
1	Administration	Department
2	Marketing	Department
3	Purchasing	Department
4	Human Resources	Department
5	IT	Department
6	Sales	Department
7	Hidayatullah Ibrahim	Department

➤ Mengupdate data

My Application

1941720235@student.polinema.ac.id ▾

Departments

Display Employee

Edit Department

Department Detail

Delete Department

Id ↑↓

Name ↑↓

name

1

Administration

Department

2

Marketing

Department

3

Purchasing

Department

4

Human Resources

Department

5

IT

Department

6

Sales

Department

7

Ibrahim182

Department

➤ Menghapus data

My Application

1941720235@student.polinema.ac.id ▾

Departments

Display Employee

Edit Department

Department Detail

Delete Department

Id ↑↓

Name ↑↓

name

1

Administration

Department

2

Marketing

Department

3

Purchasing

Department

4

Human Resources

Department

5

IT

Department

6

Sales

Department

Employee Business Object

1. Tambahkan halaman edit, detail dan delete pada halaman business object Employee
2. Proses pembuatan sama dengan Langkah sebelumnya

ORACLE Visual Builder Aplikasi Baru DEV 1.0

Web Apps

Filter

Structure

Components

Page Designer Actions (7) Event Listeners (7) Events Types (1) Variables (2) JavaScript JSON Settings

100%

Employees

Display Departments

Button Edit Employee

Employee Detail

Delete Employee

Employee Detail

Email ↑ Hire Date ↑ Id ↑ Name ↑ Dep ↓

edavis@example.com 2006-06-17 1 Elizabeth Davis Adr

Properties

Button General Events (1) All

oAction → navigateToEditEmployeeChain

Event Select

Action Action Chain Select

Input Parameters A employeeId Assign mapped

+ New Event

ORACLE Visual Builder Aplikasi Baru DEV 1.0

Web Apps

Filter

Structure

Components

Page Designer Actions (3) Event Listeners (3) Events Types (2) Variables (4) JavaScript JSON Settings

100%

Edit Employee

Name James Miller

Cancel Save

About

Created with Visual Builder, Copyright © 2021

Page Properties

Preferred Layout

Grid Flex Block

Stage and Publish

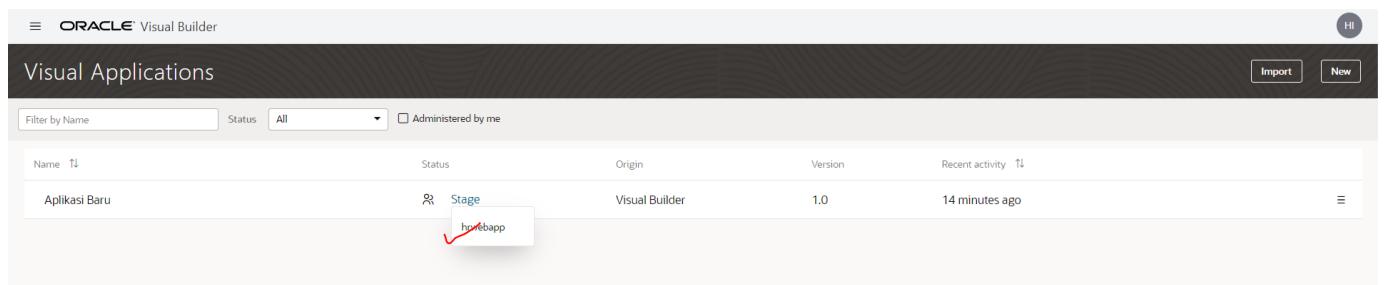
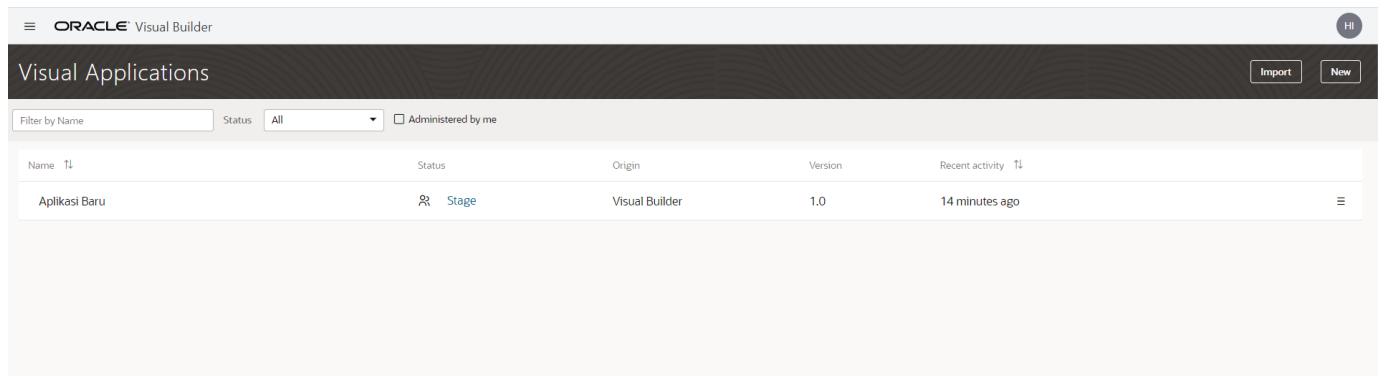
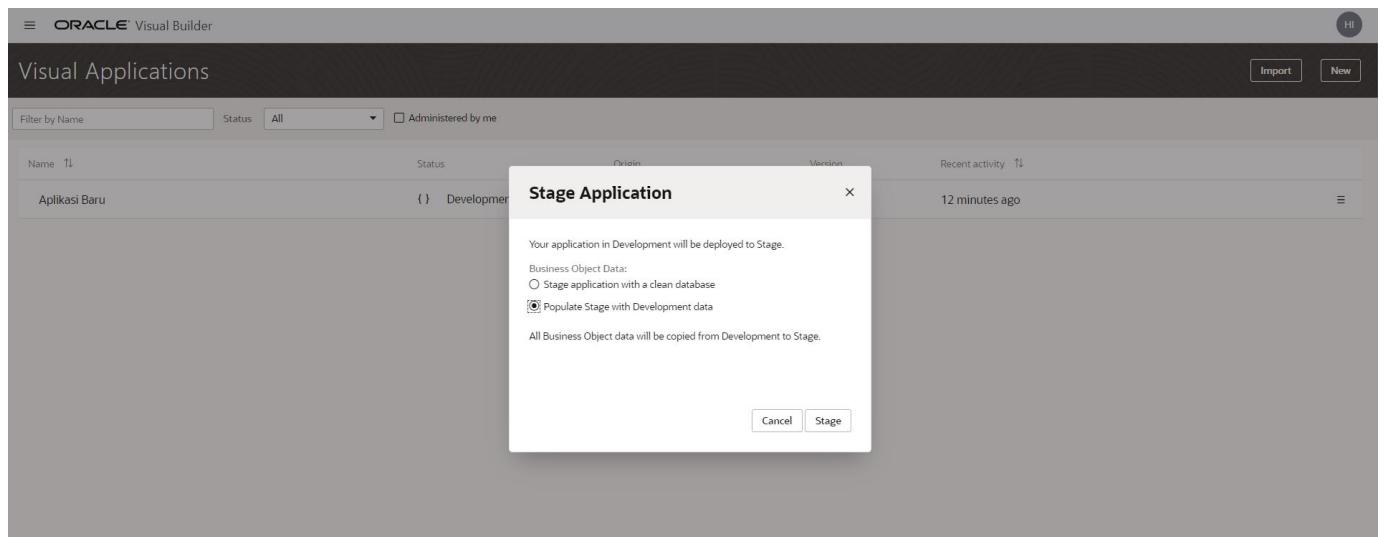
Stage

1. Kembali ke halaman utama Visual Builder

The screenshot shows the Oracle Cloud Infrastructure Visual Builder Instances page. At the top, there are tabs for 'Instances' and 'Activity'. Below the tabs, a summary box indicates 1 instance. The main area displays a single instance named 'instance1', which was created on Nov 22, 2021 at 9:30:58 AM UTC. A 'Create Instance' button is located on the right. At the bottom, there is a link to 'Instance Create and Delete History'.

2. Pada aplikasi yang telah dibuat klik options, kemudian select stage

The screenshot shows the Oracle Visual Builder Visual Applications page. It lists an application named 'Aplikasi Baru' with details: Status (Development), Origin (Visual Builder), Version (1.0), and Recent activity (12 minutes ago). A context menu is open over this application, with the 'Stage' option highlighted by a red checkmark.



The screenshot shows a web browser window displaying the application's home page. The URL is https://instance1-y941720235.builder.ocp.oraclecloud.com/ic/builder/rt/Aplikasi_Baru/1.0/webApps/hrwebapp/. The page title is "My Application" and the main heading is "Departments". The table lists six departments:

ID	Name	Department
1	Administration	Department
2	Marketing	Department
3	Purchasing	Department
4	Human Resources	Department
5	IT	Department
6	Sales	Department

Publish Application

1. Klik ikon menu dan select Publish

The image consists of three vertically stacked screenshots of the Oracle Visual Builder application interface.

Screenshot 1: Shows the "Visual Applications" list. A context menu is open over the row for "Aplikasi Baru". The menu options include Open, Duplicate, Rename, Export, Import, New Version, Settings, Stage, Publish (which is highlighted with a red checkmark), and Delete.

Screenshot 2: Shows the "Publish Application" dialog box. It contains the message: "Your application in Stage will be moved to Live." Below this, there are two radio button options: "Include data from Stage" (selected) and "Publish application with a clean database". At the bottom of the dialog are "Cancel" and "Publish" buttons.

Screenshot 3: Shows the "Visual Applications" list again, but now the "Aplikasi Baru" row shows "Status" as "Live" instead of "Stage".

Klik Live dan pilih hrwebapp. Aplikasi akan membuka tab browser baru

Catat link dari aplikasi yang telah kita buat, link tersebut kita bagikan ke Public User

Link : https://instance1-y941720235.builder.ocp.oraclecloud.com/ic/builder/rt/Aplikasi_Baru/live/webApps/hrwebapp/

Import data (Optional) – Stage

The screenshot shows the Oracle Visual Builder interface. The top navigation bar includes tabs for Welcome, main-employees, main-edit-employee, and main-departments. The 'Data Manager' tab is highlighted with a red arrow. The left sidebar shows 'Business Objects' with categories like Department, Employee, and Location. The main canvas displays a 'Departments' page with a grid of department data. The grid has columns for Id, Name, and name. The data rows are:

Id	Name	name
1	Administration	Department
2	Marketing	Department
3	Purchasing	Department
4	Human Resources	Department
5	IT	Department

Import Data



Provide the file containing data that you wish to import.


HR_Application.Stage.zip

Cancel

Import

