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Mata Kuliah : Enterprise Development Software

Modeling Data

1. Download file excel yang akan di import terlebih dahulu. Disini saya menggunakan file excel yang ada pada website outsystems berikut.

The screenshot displays the OutSystems Community website interface. At the top, the navigation bar includes the OutSystems logo, 'Community', and links for 'My Platform', 'Tools', 'Learn', 'Community', and 'Support'. A search icon, a 'Contact us' button, and a user profile icon are also present. Below the navigation bar, the main content area is titled 'Exercise' and 'Data Modeling Exercise'. It contains a description of the exercise, a list of actions to be performed, and a link to download a ZIP file of the exercise materials. A sidebar on the right lists 'Course Lessons' and 'Lesson Transcript', with 'Modeling Data' selected. At the bottom, there is a 'Lesson Materials' button and a link to 'Ask in our Forums'.

OutSystems.com

outsystems Community

My Platform Tools Learn Community Support

Contact us

Previous Lesson

Exercise

Data Modeling Exercise

In this exercise, we will focus on creating the first entities in OutSystems. To do so, we will perform the following actions:

- Bootstrap an Entity and its data from an Excel file
- Create an Entity and its attributes
- Bootstrap data into an existing entity

Upon completion, we will end up with two entities and both will contain data that was bootstrapped from Excel files.

You can [download a ZIP file](#) of the **Exercise Materials** by clicking the button below (login required). It contains all the resources needed for this Lesson, including the Exercise Guide PDF.

[Lesson Materials](#)

Need help with this course? [Ask in our Forums](#).
Have an idea to improve your learning experience? [Share in Ideas](#).

Course Lessons Lesson Transcript

Modeling Data

Database Entities

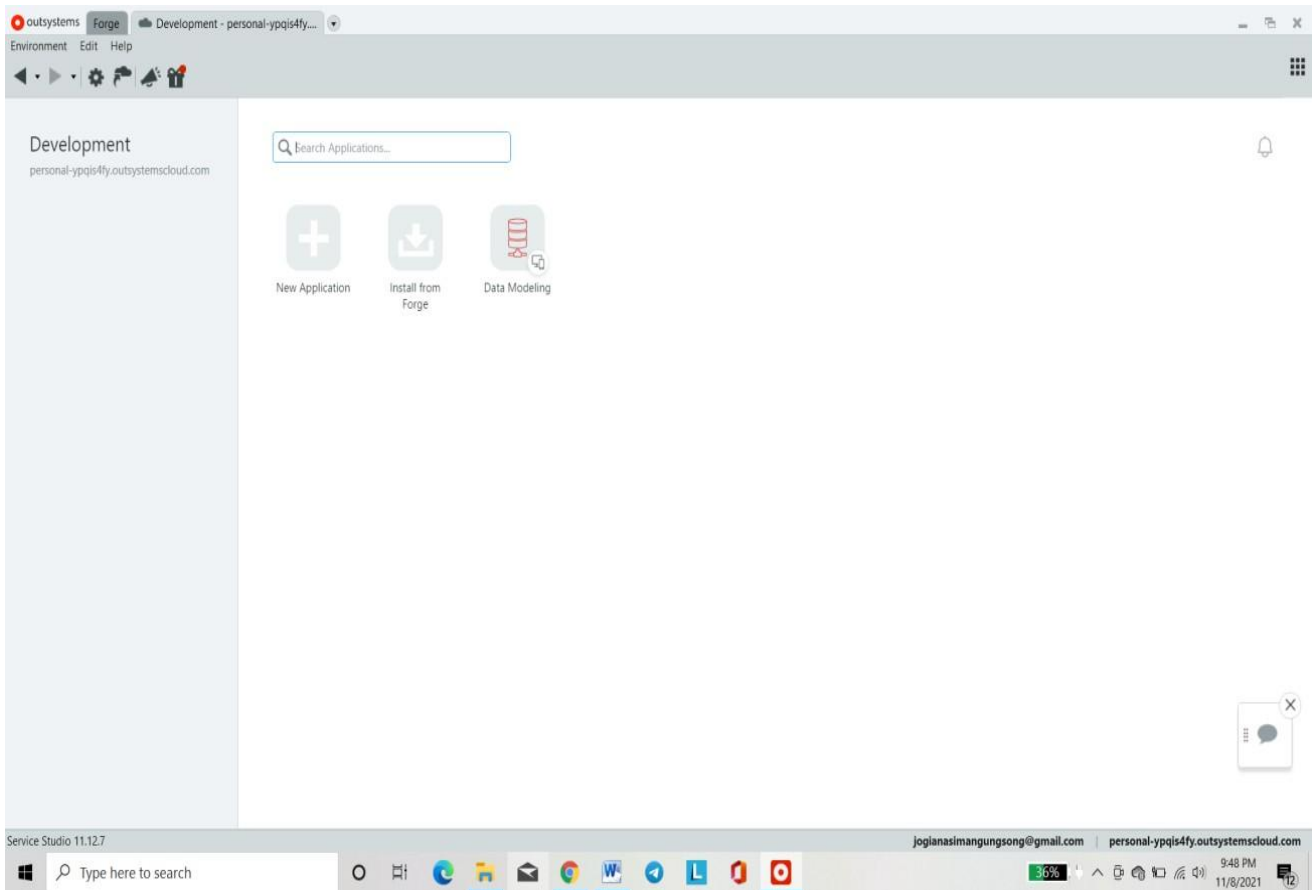
Static Entities

Exercise

Data Modeling Exercise

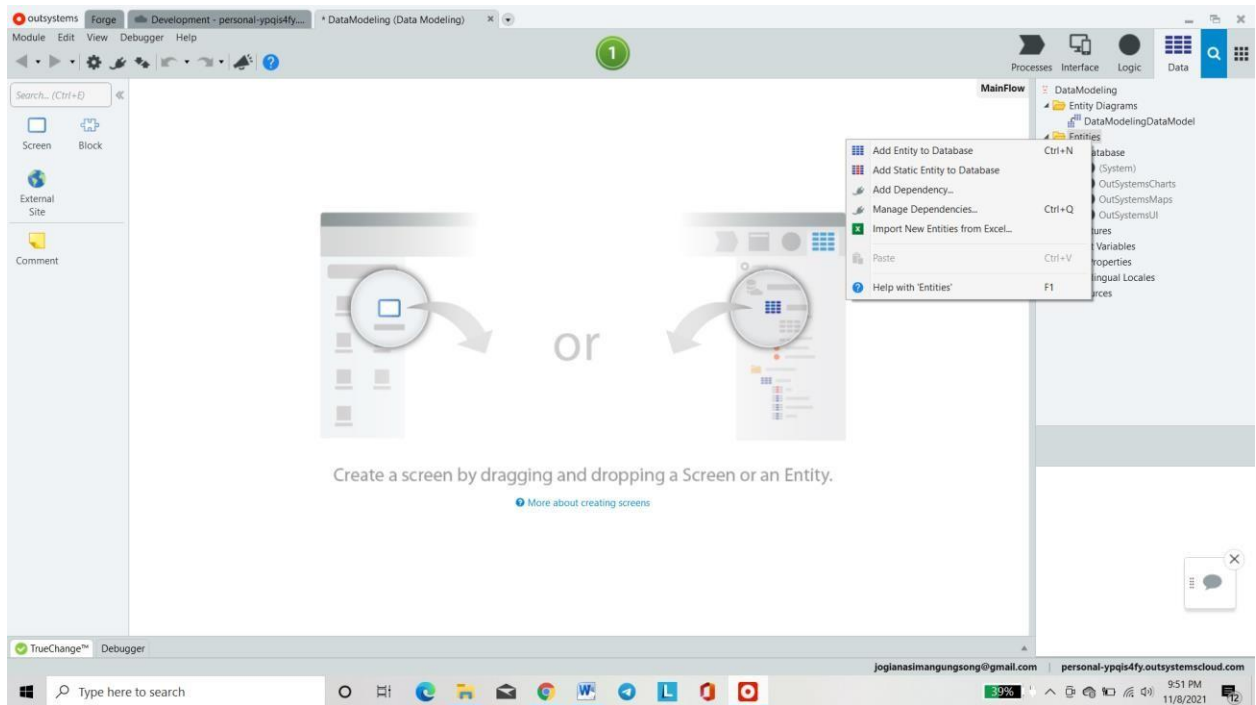
Have any questions? I can answer

2. Setelah terdownload, buka aplikasi Outsystemsnya, lalu create aplikasi.

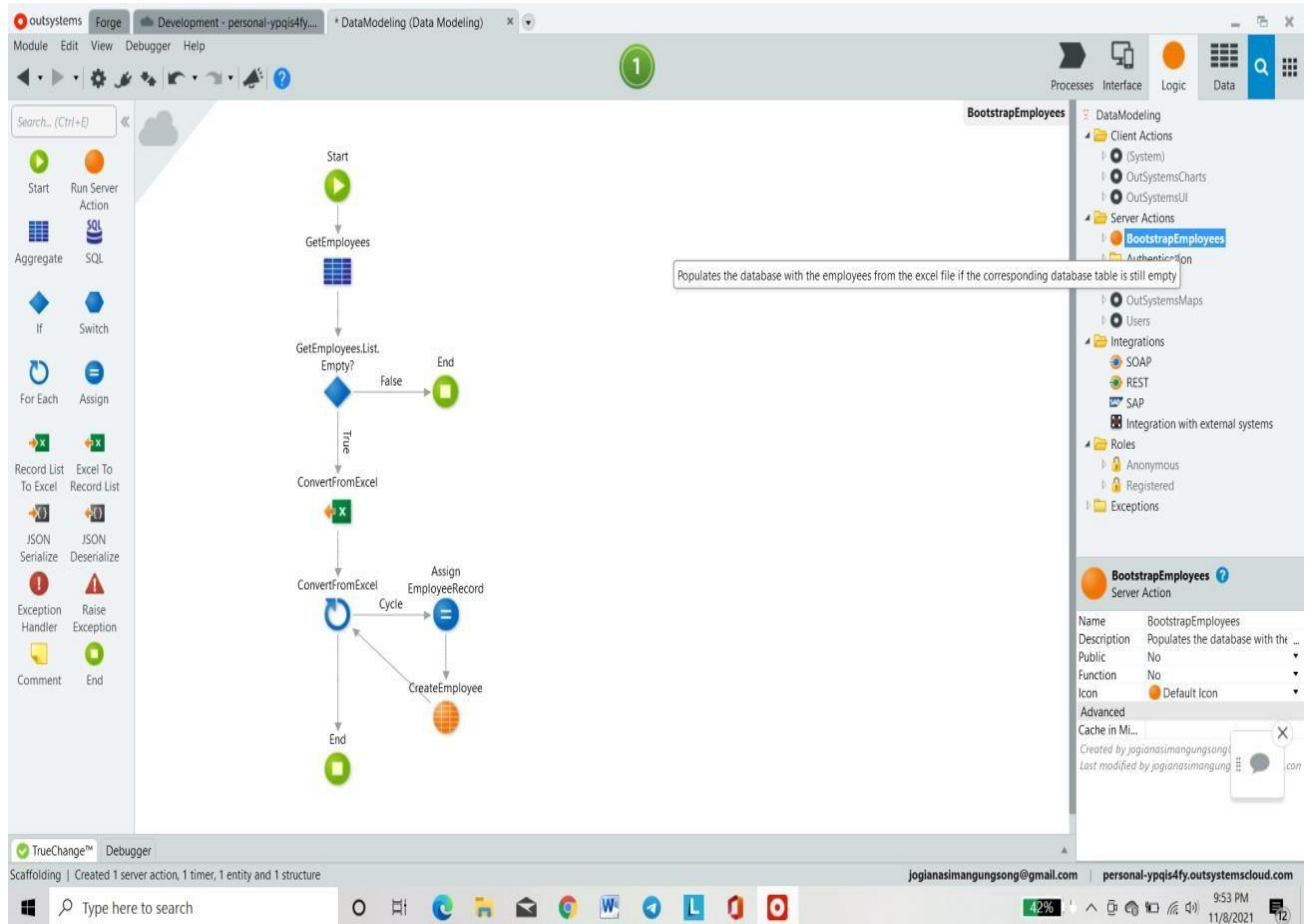


Atur nama dan icon aplikasi yang anda inginkan.

3. Setelah itu klik data pada aplikasi, lalu entities klik kanan, dan pilih import file excel. Lalu file kalian bisa di import.



4. Setelah file kalian sudah ter import, klik Logic, dan lihat sudah ada bootstrap nya.

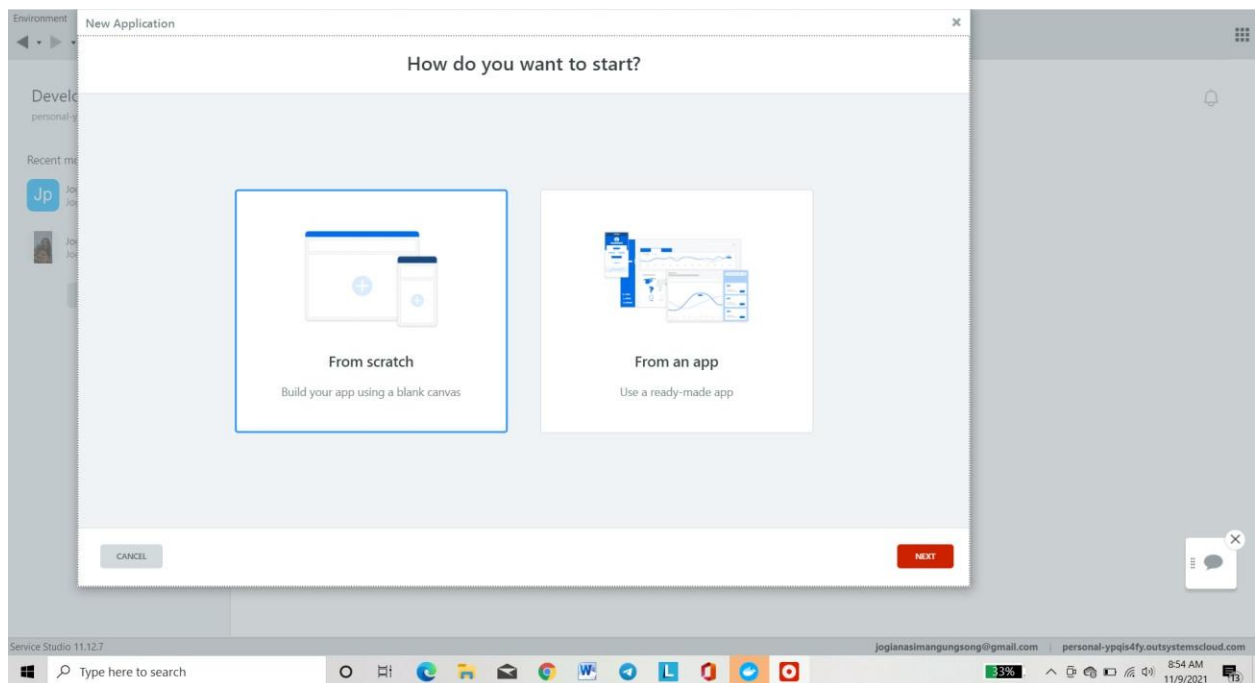


5. Klik properties

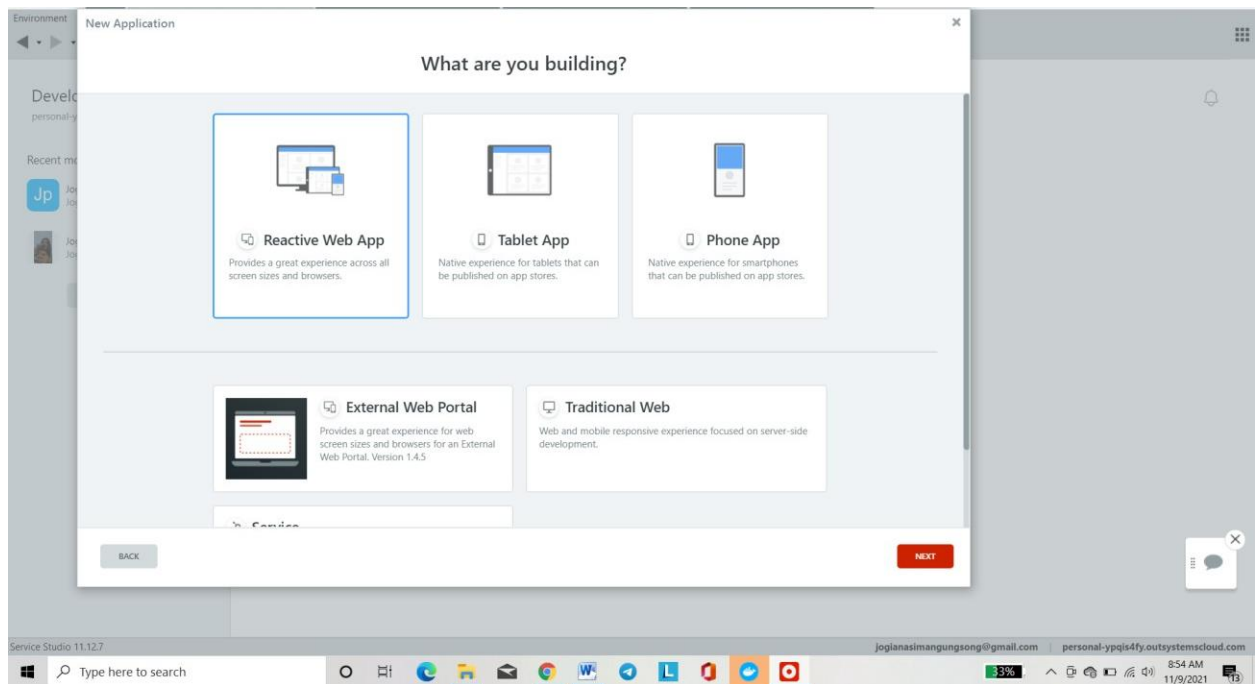
6. Selesai

How To Create A Web App / Phone App

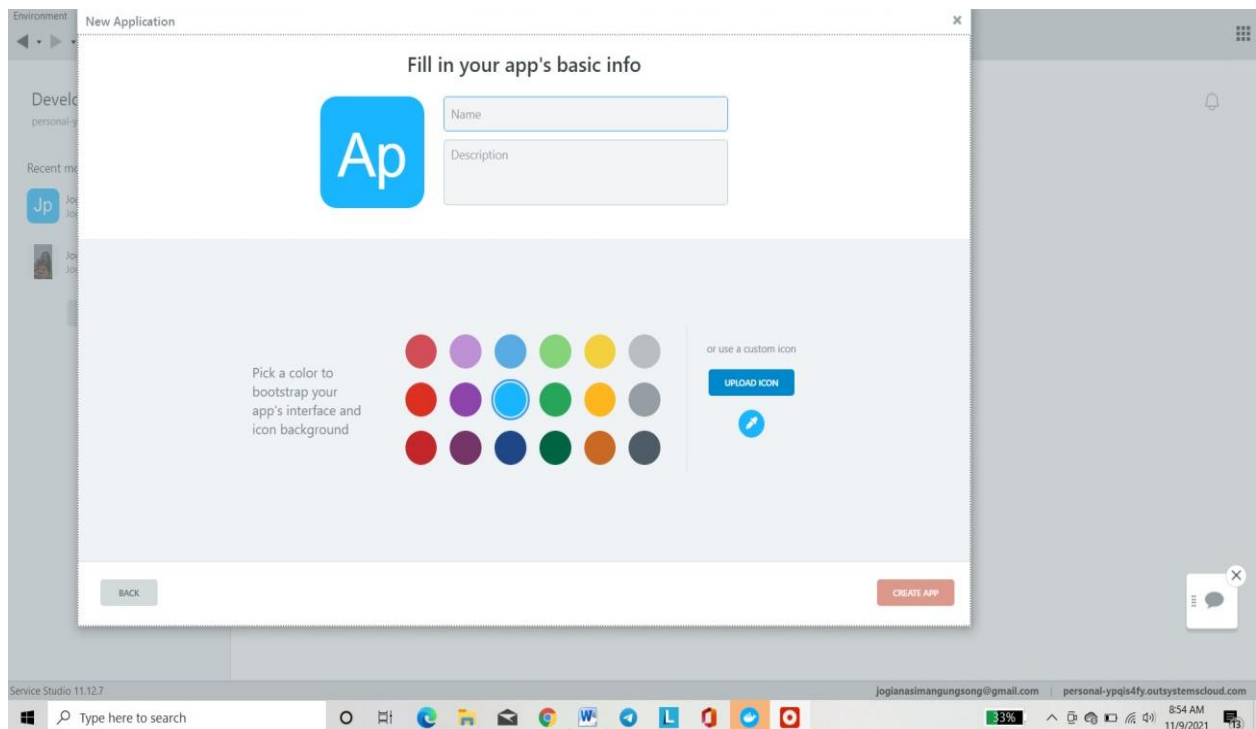
1. Buka aplikasi Outsystemsnya, lalu create app dan pilih Scratch.



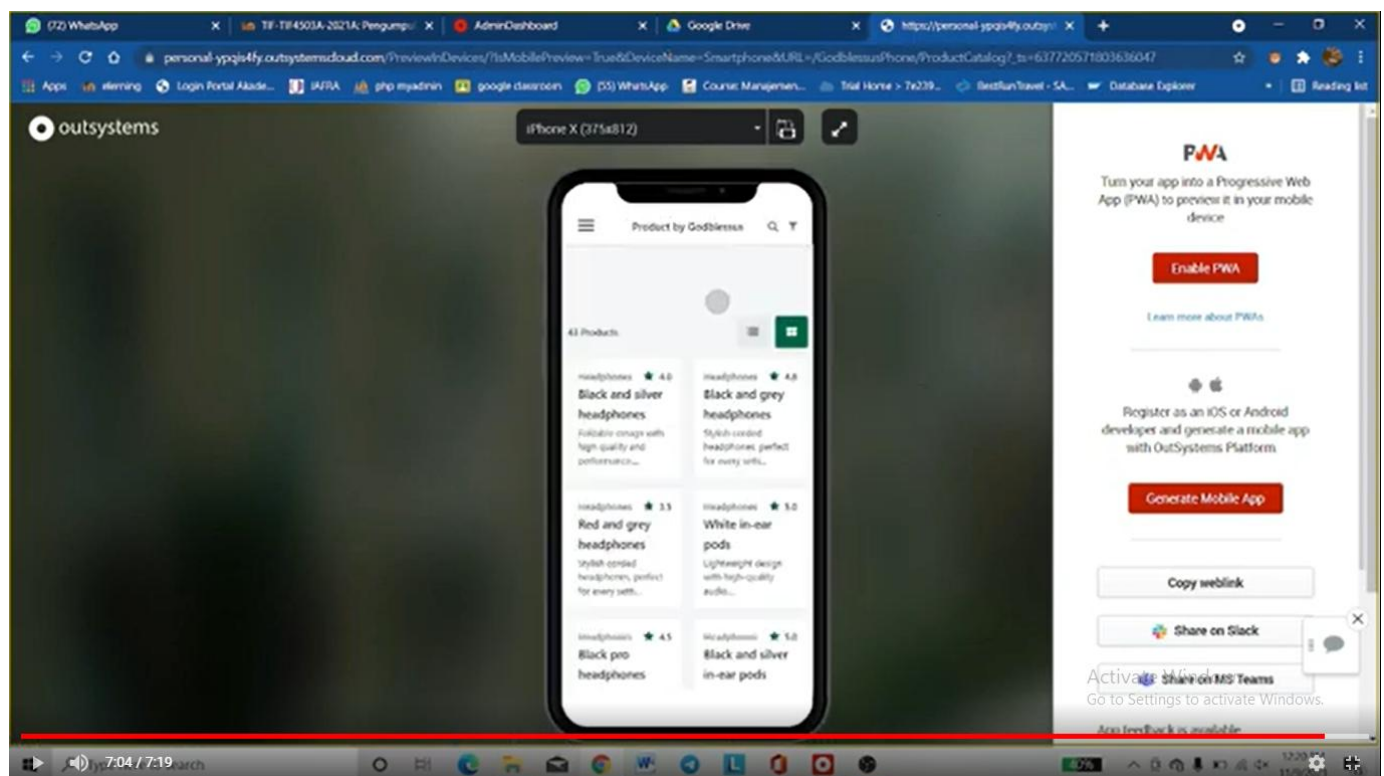
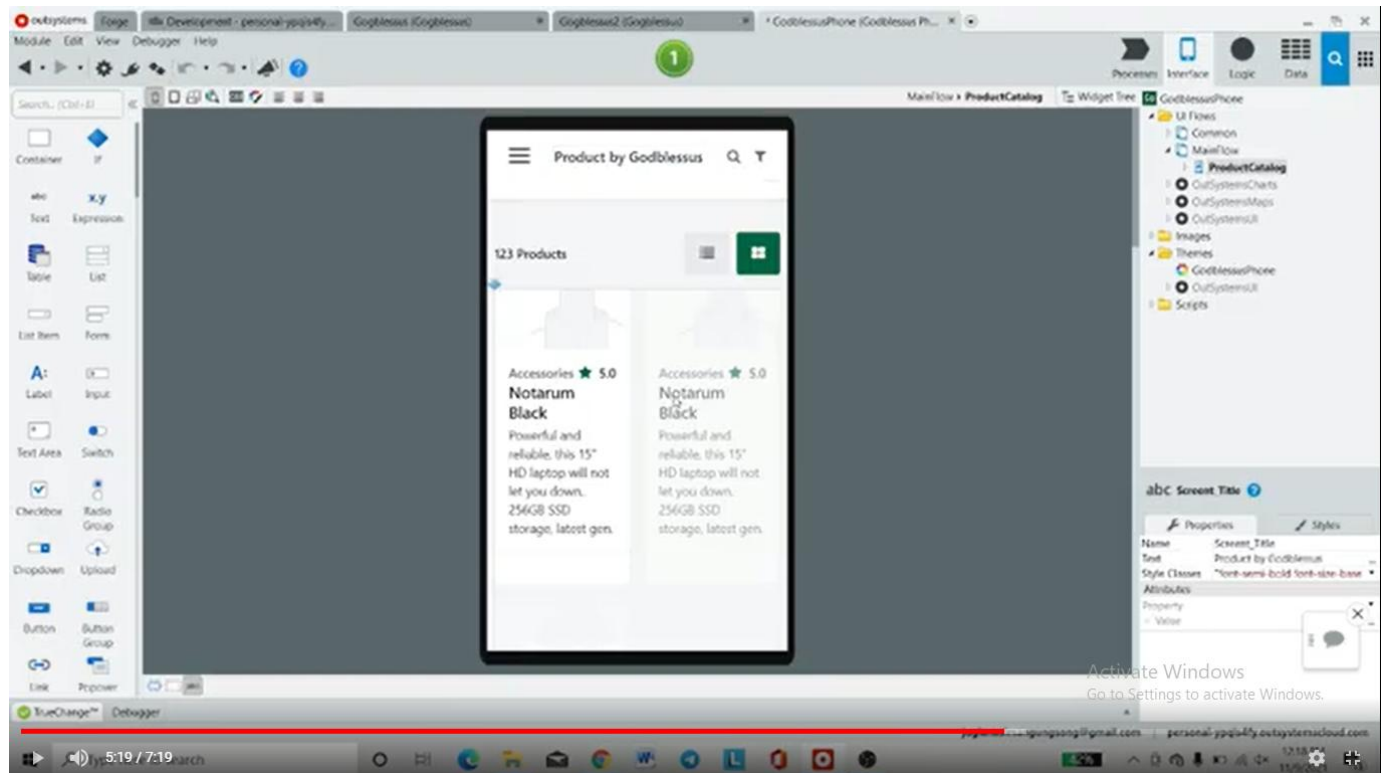
2. Untuk web app bisa pilih Web App, dan untuk Phone App bisa pilih Phone App.



Edit detail app yang akan dibuat



3. Selanjutnya pilih add module, lalu create module.
4. Edit tampilan module yang ingin kita buat



Using Widgets Exercise

Pada exercise ini kita kan focus pada pengembangan UI menggunakan Widget teks, Containers, dan If Widgets. Widget ini akan digabungkan dalam satu layar untuk membuat kalkulator sederhana, yang hanya menambah angka atau mengalikannya dengan 2. Angka ini akan diwakili dengan parameter input Layar. Berikut adalah persyaratan untuk latihan ini:

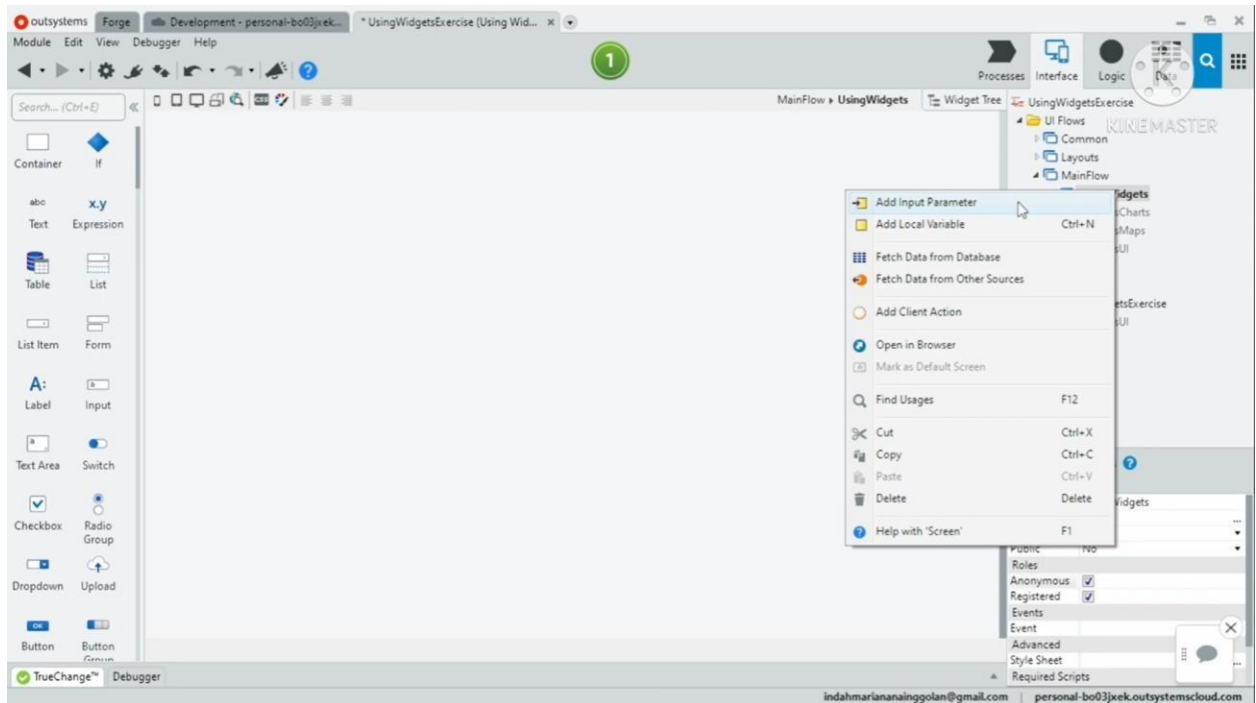
- Nilai parameter input ditampilkan di layar
- Dengan mengklik tombol, nilai parameter input akan bertambah satu
- Dengan mengklik tombol lain, nilai parameter input akan dikalikan dua
- Tautan yang hanya terlihat ketika nilai parameter input berbeda dari nol, untuk mengatur ulang parameter input kembali ke nol

Download folder yang dibutuhkan untuk mengerjakan exercise berikut :

The screenshot shows a web browser window with multiple tabs. The active tab is 'Using Widgets Exercise' on the OutSystems training portal. The page content includes:

- A list of requirements for the exercise, such as 'The input parameter value is shown on the screen' and 'By clicking on a button, the value of the input parameter will be incremented by one'.
- A section titled 'Exercise' with a sub-header 'Using Widgets Exercise'.
- A text block stating: 'You can download a ZIP file of the Exercise Materials by clicking the button below (login required). It contains all the resources needed for this Lesson, including the Exercise Guide PDF.'
- A button labeled 'Lesson Materials'.
- A footer section with the OutSystems logo, copyright information, and legal links.

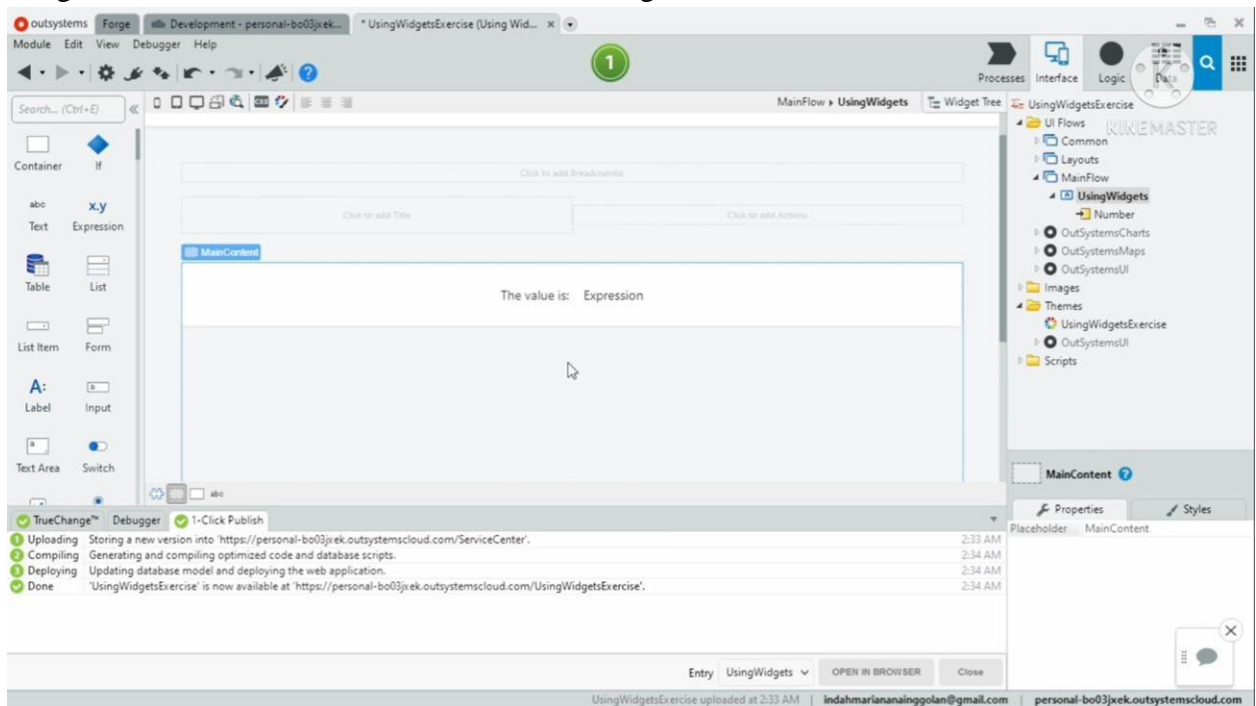
- 1) Buat app baru
- 2) Lalu buat juga module baru
- 3) Selanjutnya add parameter



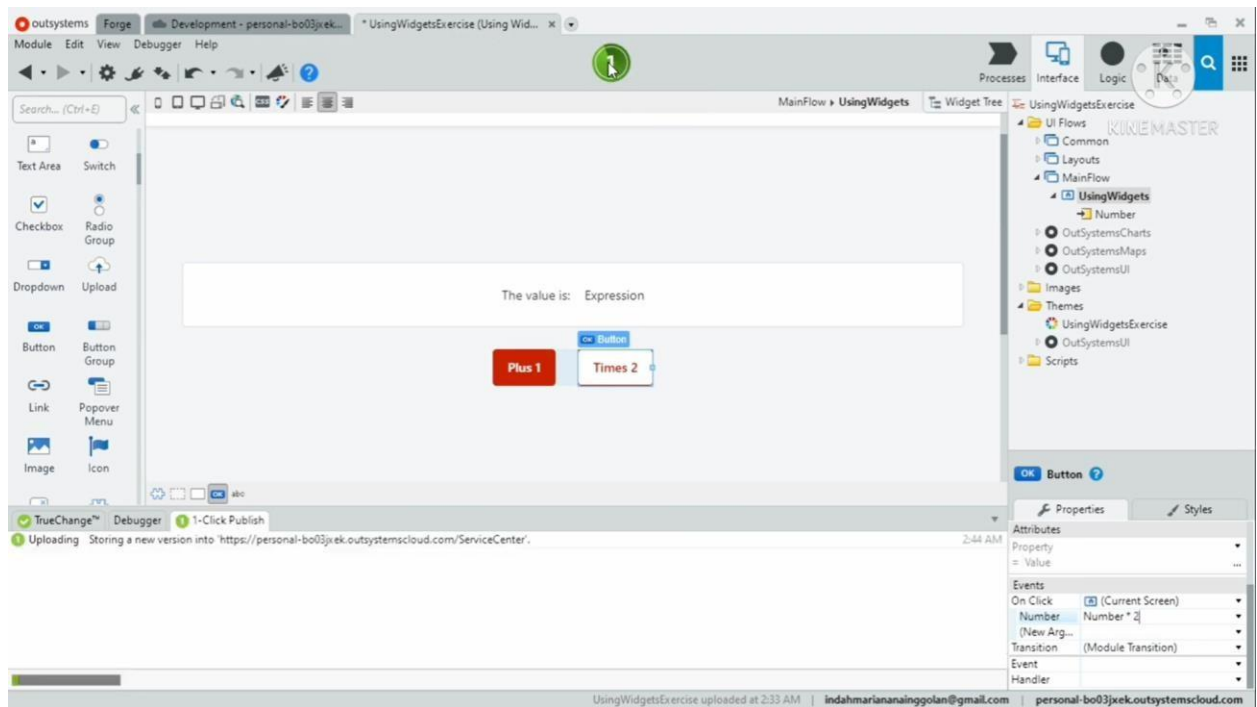
Nama parametersnya number , setelah itu jangan lupa klik publish.

4) Selanjutnya buat Container

Drug container ke screen, lalu edit container. Drug number dan text.

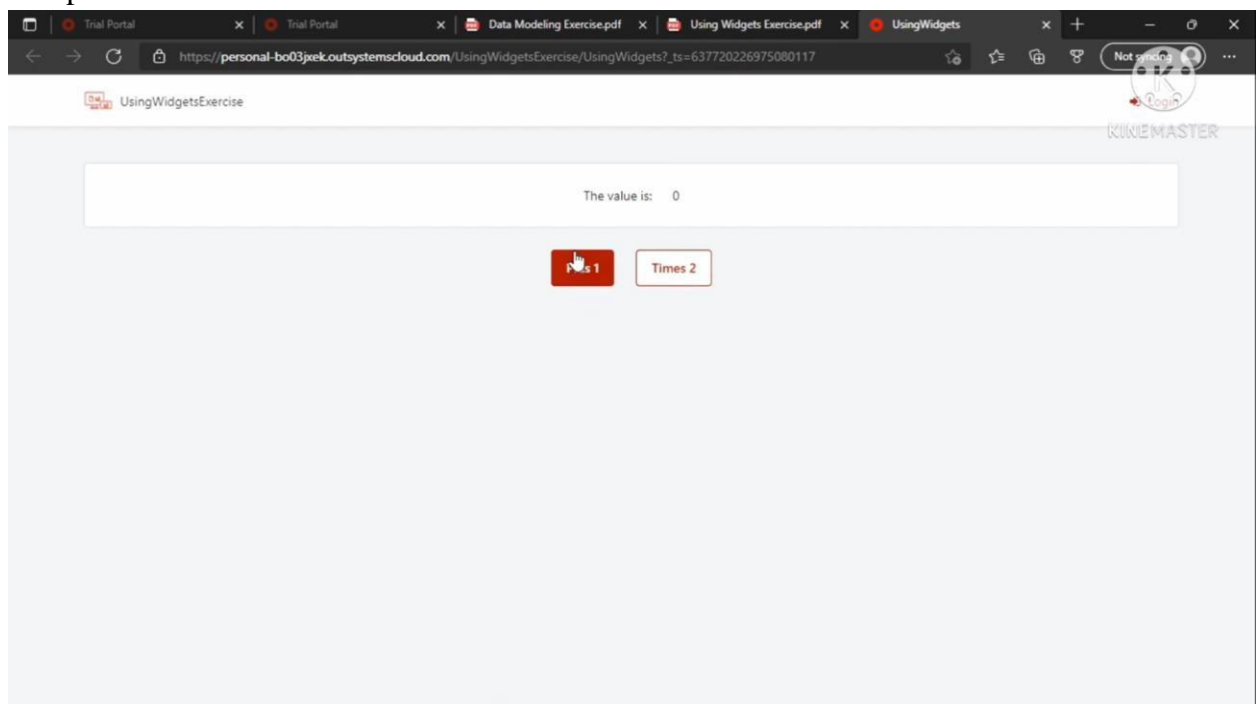


5) Selanjutnya buat juga buttonnya

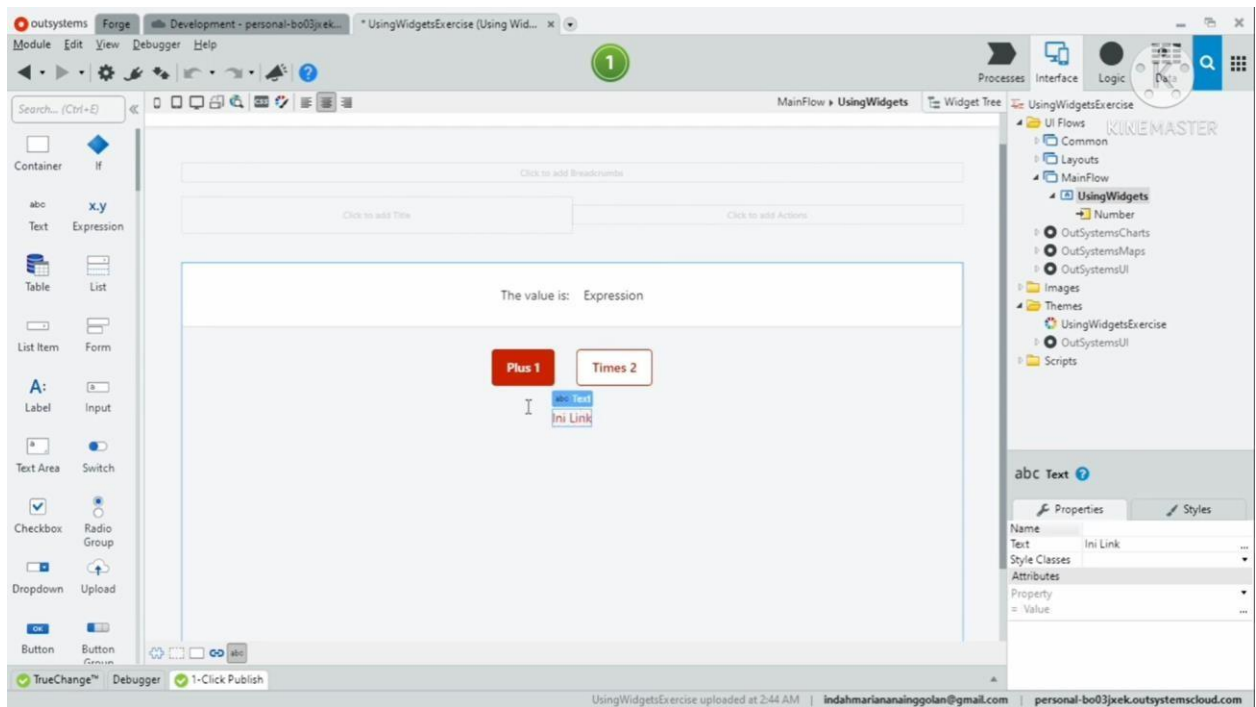


Lalu publish

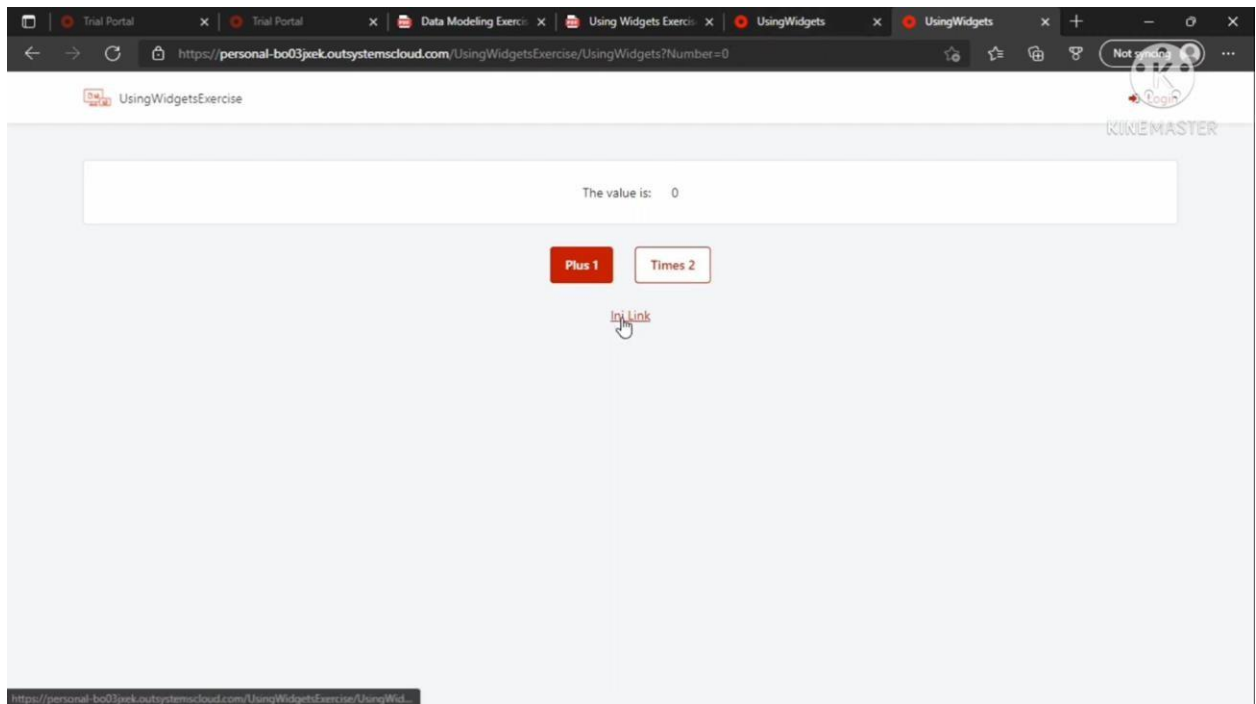
6) Tampilan di browser



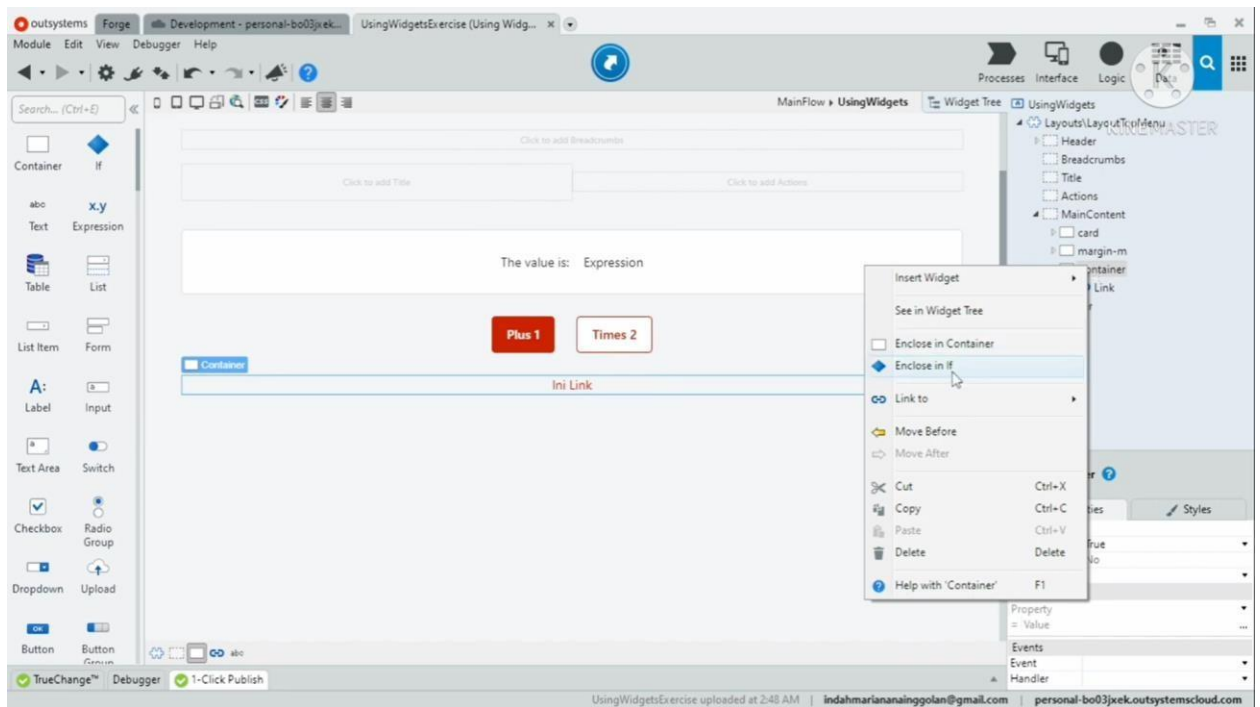
7) Membuat ini Link



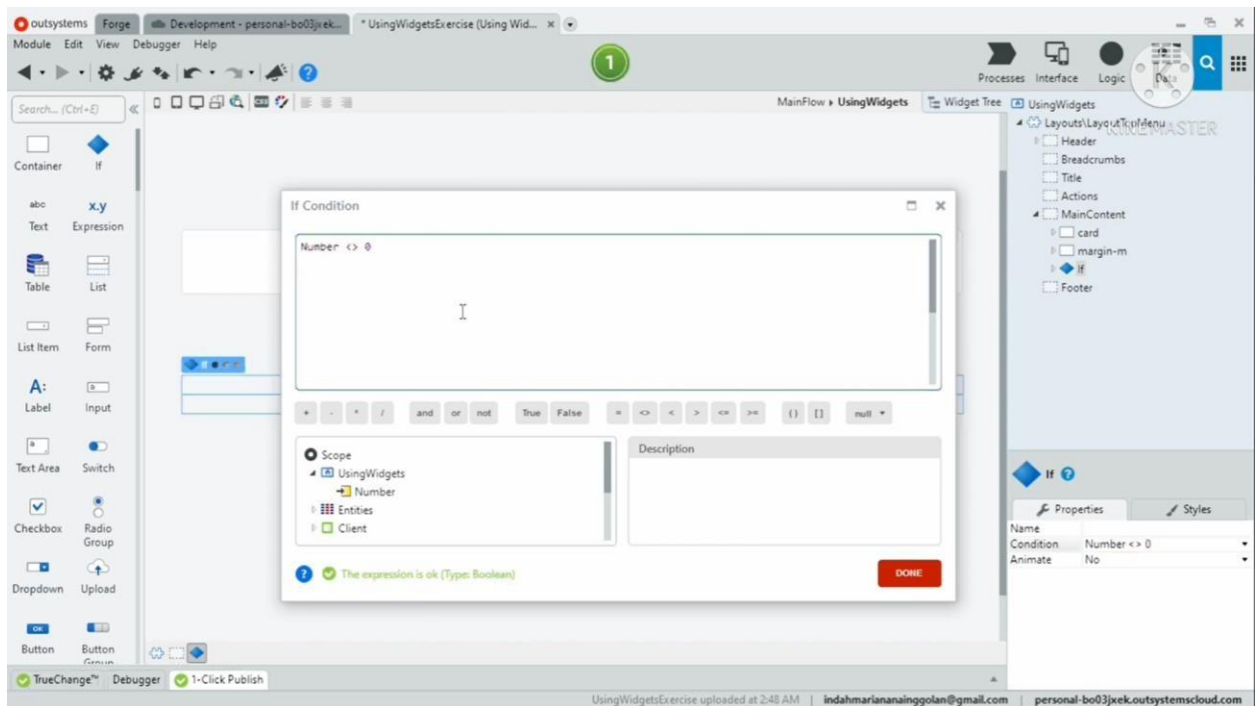
Lalu publish



8) Lalu klik enclose in if



9) Lalu klik condition, ketik number <> 0



Lalu publish

10) Finish

