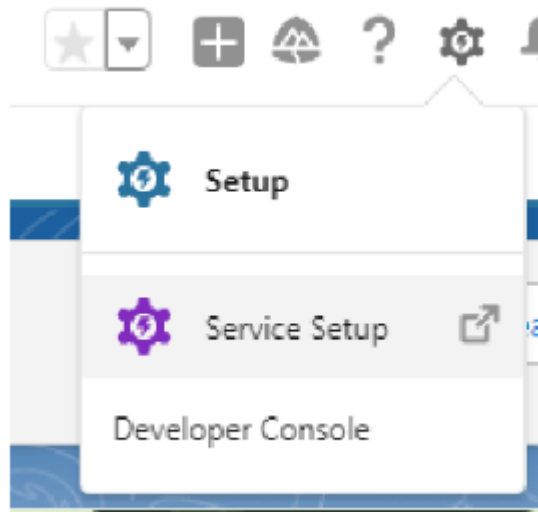


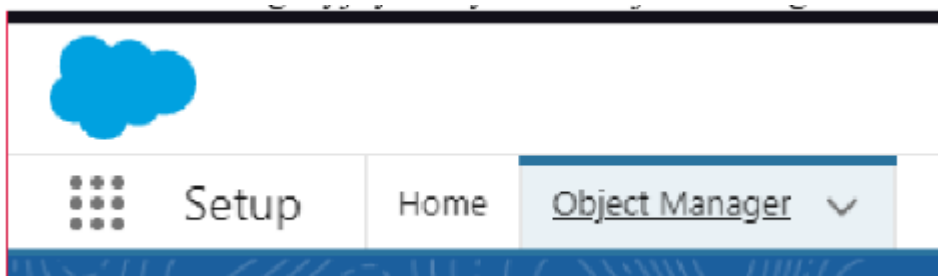
## Ćwiczenie 4

### Sebastian Sieradzki - Metajęzyki

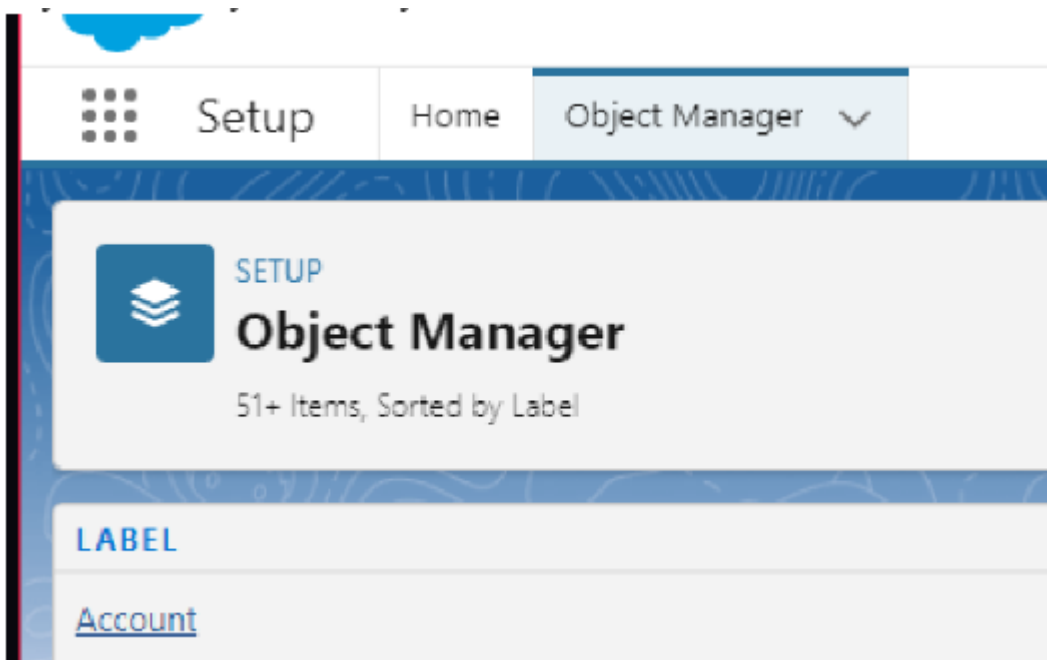
1. Po zalogowaniu do systemu kliknąć setup



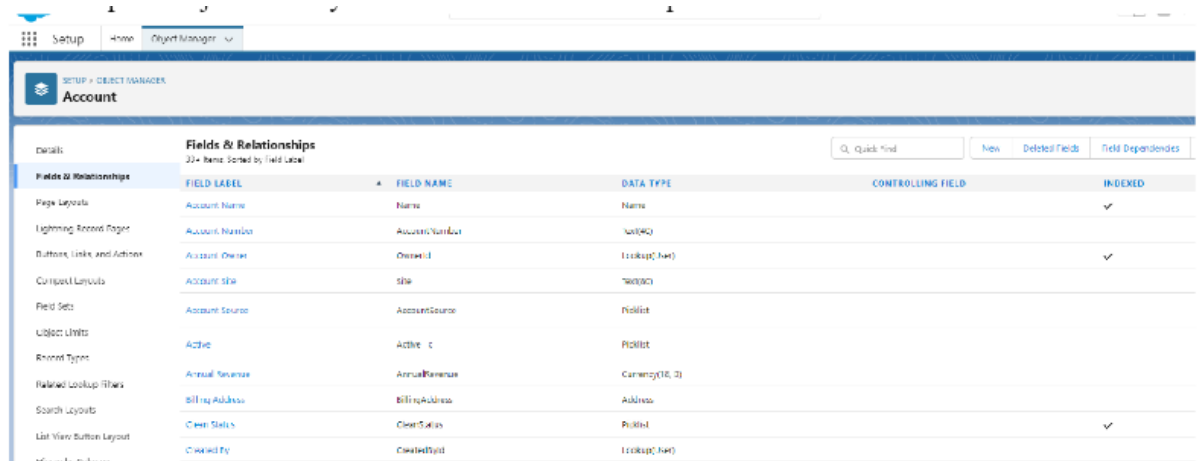
2. Z zakładek nawigacyjnych wybrać "Object Manager"



3. Wyszukać i wybrać z listy obiekt "Account"



4. Z menu z lewej strony wybrać “Fields & Relationships”



The screenshot shows the Salesforce Setup interface. The left sidebar has a menu with 'Fields & Relationships' selected. The main content area is titled 'Fields & Relationships' and shows a list of fields for the 'Account' object. The fields are sorted by 'Field Label'.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Account Name	Name	Name		✓
Account Number	AccountNumber	Text(40)		
Account Owner	OwnerId	Lookup(16M)		✓
Account Site	Site	Text(20)		
Account Source	AccountSource	Picklist		
Active	Active c	Picklist		
Annual Revenue	AnnualRevenue	Currency(16, 2)		
Billing Address	BillingAddress	Address		
Client Status	ClientStatus	Picklist		✓
Created By	CreatedBy	Lookup(16M)		

5. Nacisnąć przycisk z prawej strony “New”



6. Wybrać typ “Currency” nowego pola i nacisnąć “Next”

Account

## New Custom Field

### Step 1. Choose the field type

Specify the type of information that the custom field will store.

#### Data Type

☐ None Selected

☐ Auto Number

☐ Formula

☐ Roll-Up Summary

☐ Lookup Relationship

☐ External Lookup Relationship

☐ Checkbox

☒ Currency

7. W Field Label wpisać "Income" i nacisnąć "Next"

## Account New Custom Field

**Step 2. Enter the details**

Field Label

Income

i

Please enter the length of the number and the number of decimal place

Length

18

Number of digits to the left of the decimal point

Field Name

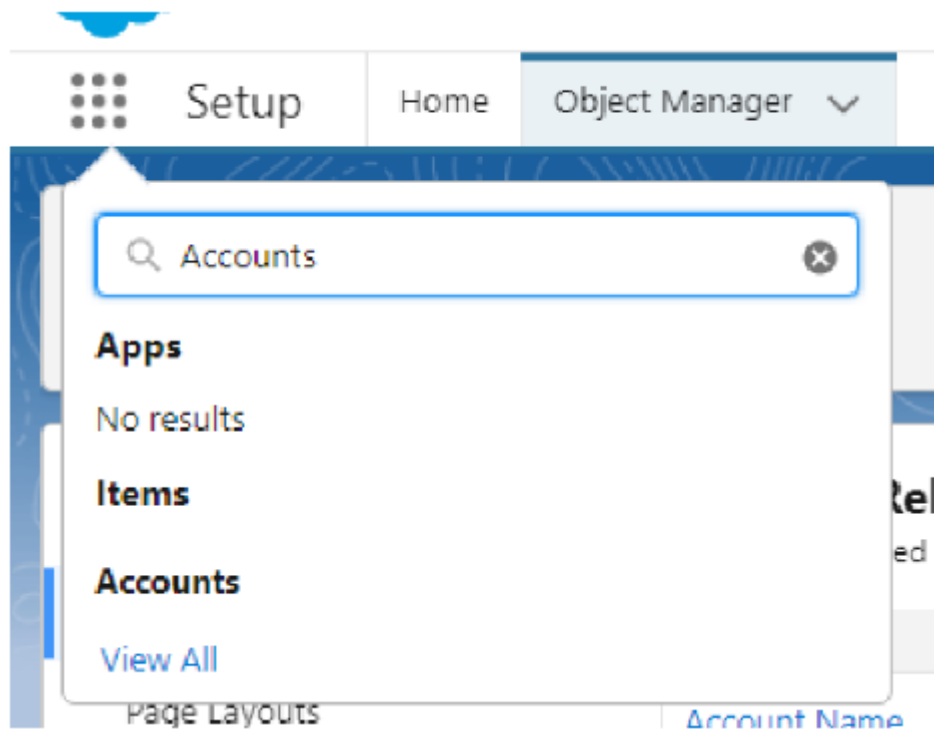
i

8. Wybrać checkbox “Visible” aby był dostępny dla każdego użytkownik i nacisnąć “Next”

Field Label	Income
Data Type	Currency
Field Name	Income
Description	
Select the profiles to which you want to grant edit access to this field via field-level security. The field will be hidden from all profiles if you do not add it to field-level security.	
Field-Level Security for Profile	<input checked="" type="checkbox"/> Visible
Analytics Cloud Integration User	<input checked="" type="checkbox"/>
Analytics Cloud Security User	<input checked="" type="checkbox"/>
Authenticated Website	<input checked="" type="checkbox"/>
Authenticated Website	<input checked="" type="checkbox"/>
Content Manager	<input checked="" type="checkbox"/>
Cross Org Data Proxy User	<input checked="" type="checkbox"/>
Custom: Marketing Profile	<input checked="" type="checkbox"/>
Custom: Sales Profile	<input checked="" type="checkbox"/>
Custom: Support Profile	<input checked="" type="checkbox"/>
Customer Community Login User	<input checked="" type="checkbox"/>
Customer Community Plus Login User	<input checked="" type="checkbox"/>
Customer Community Plus User	<input checked="" type="checkbox"/>
Customer Community User	<input checked="" type="checkbox"/>
Customer Portal Manager Custom	<input checked="" type="checkbox"/>
Customer Portal Manager Standard	<input checked="" type="checkbox"/>
External Apps Login User	<input checked="" type="checkbox"/>

9. W następnym oknie kliknąć “Save”

10. Wybrać accounts w lewym górnym rogu



11. Dodać 10 rekordów do Account

A screenshot of the Salesforce 'Accounts' list view. The header shows '10 items • Updated a few seconds ago'. The table has columns: 'Account Name', 'Account Site', 'Phone', and 'Account Owner Alias'. There are 10 rows of data, each with a checkbox, a number, and an account name (account 10 down to account 1). The 'Account Owner Alias' column shows 'SSier' for all records.

	Account Name	Account Site	Phone	Account Owner Alias
1	<input type="checkbox"/> account 10			SSier
2	<input type="checkbox"/> account 9			SSier
3	<input type="checkbox"/> account 8			SSier
4	<input type="checkbox"/> account 7			SSier
5	<input type="checkbox"/> account 6			SSier
6	<input type="checkbox"/> account 5			SSier
7	<input type="checkbox"/> account 4			SSier
8	<input type="checkbox"/> account 3			SSier
9	<input type="checkbox"/> account 2			SSier
10	<input type="checkbox"/> account 1			SSier

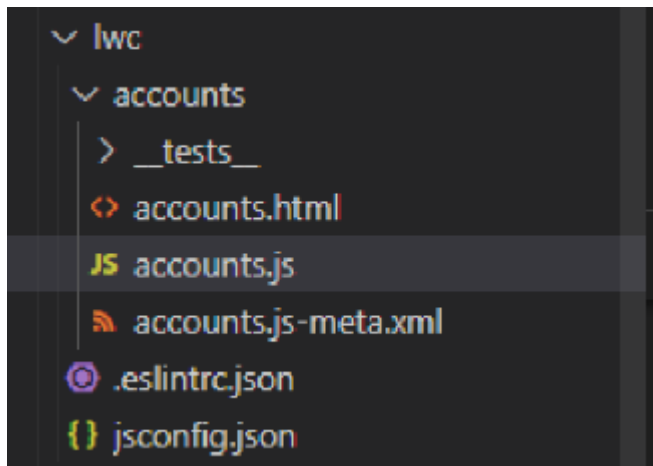
Stworzenie komponentu w VSCode

1. Za pomocą skrótu ctrl + shift + p wybrać > Create apex class. Wpisać nazwę AccountListController a następnie wpisać kod

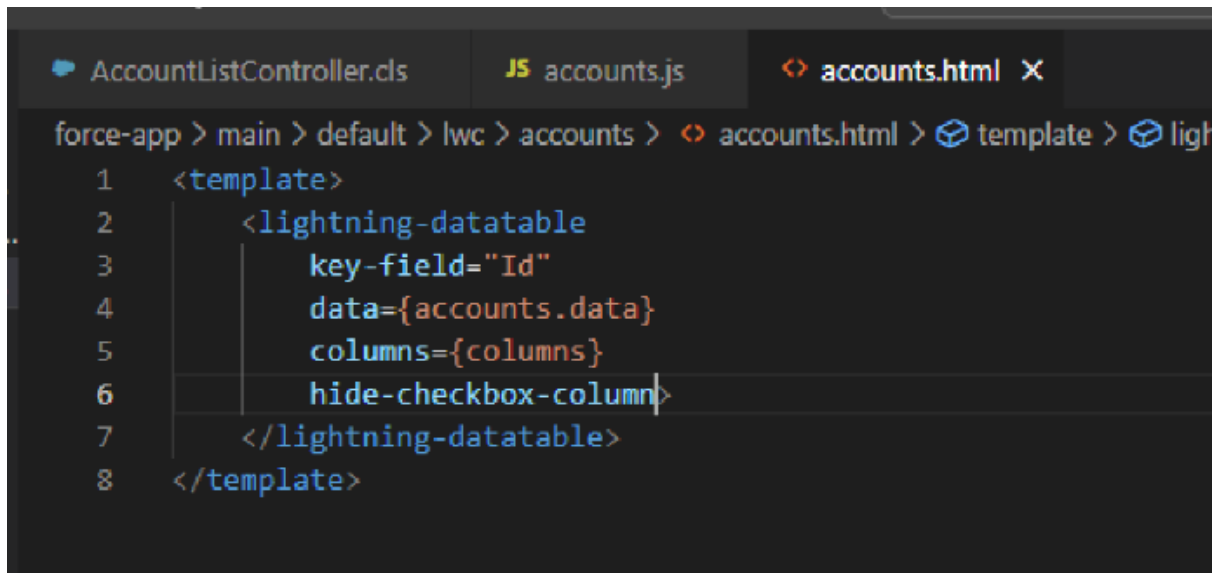
```
force-app > main > default > classes > AccountListController.cls
1 public with sharing class AccountListController {
2     @AuraEnabled(cacheable=true)
3     public static List<Account> getAccountList(){
4         List<Account> accountList = [SELECT Id, Name, Type, Phone, Income__c FROM Account];
5         return accountList;
6     }
7 }
```

2. Nacisnąć prawym przyciskiem myszy na utworzoną klasę w polu nawigacyjnym po lewej stronie i wybrać "SFDX: Deploy Source to Org"

3. Następnie używając skrótu `ctrl + shift + p` wybieramy Create Lightning Web Component i wpisujemy accounts



4. W pliku accounts.html w komponencie należy wpisać kod:



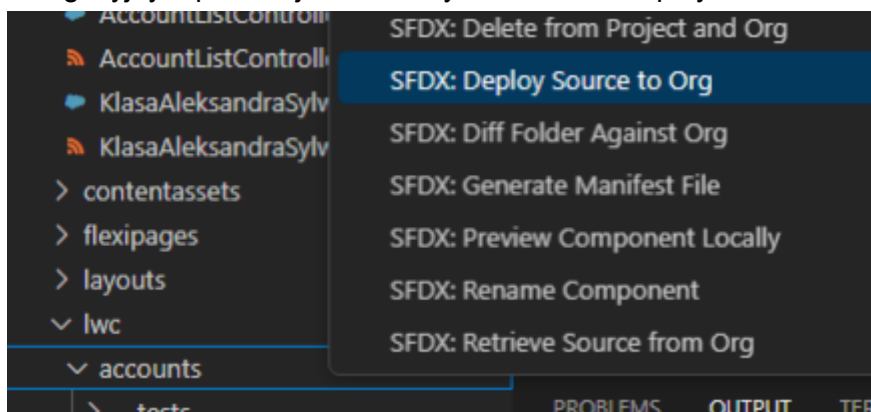
5. W pliku accounts.js w komponencie należy wpisać kod:

```
AccountListController.cls JS accounts.js X accounts.html
force-app > main > default > lwc > accounts > JS accounts.js > Accounts
1 import { LightningElement, wire } from 'lwc';
2 import getAccountList from
3 '@salesforce/apex/AccountListController.getAccountList';
4
5 const columns = [
6   {label: 'Account Id', fieldName: 'Id'},
7   {label: 'Account Name', fieldName: 'Name'},
8   {label: 'Account Phone', fieldName: 'Phone'},
9   {label: 'Account Type', fieldName: 'Type'},
10  {label: 'Account Income', fieldName: 'Income'}
11 ]
12
13 export default class Accounts extends LightningElement {
14   columns = columns;
15   @wire(getAccountList) accounts;
16 }
```

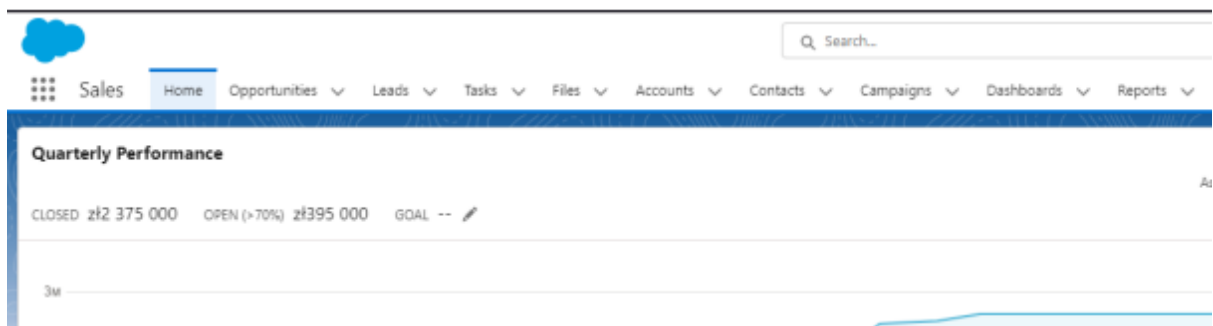
6. W pliku accounts.js-meta.xml w komponencie należy wpisać kod

```
force-app > main > default > lwc > accounts > accounts.js-meta.xml
1 <?xml version="1.0" encoding="UTF-8"?>
2 <LightningComponentBundle xmlns="http://soap.sforce.com/2006/04/metadata">
3   <apiVersion>56.0</apiVersion>
4   <isExposed>true</isExposed>
5   <targets>
6     <target>lightning__AppPage</target>
7     <target>lightning__RecordPage</target>
8     <target>lightning__HomePage</target>
9   </targets>
10 </LightningComponentBundle>
```

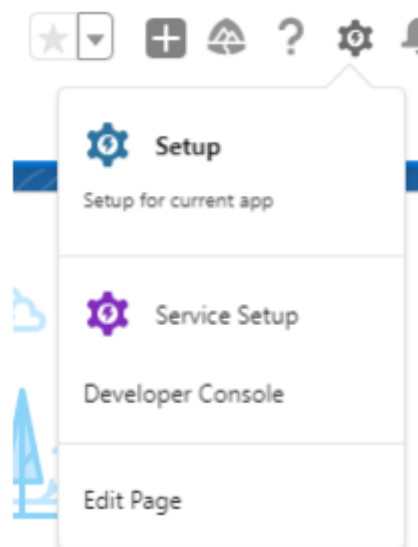
7. Naciśnąć prawym przyciskiem myszy na stworzony komponent „accounts” w polu nawigacyjnym po lewej stronie i wybrać “SFDX Deploy Source to Org”.



8. Na naszym środowisku w Salesforce w przeglądarce wybrać zakładkę „Home” z paska zakładek



9. Wybrać ikonę zębatki w prawym górnym rogu i wybrać "Edit Page"

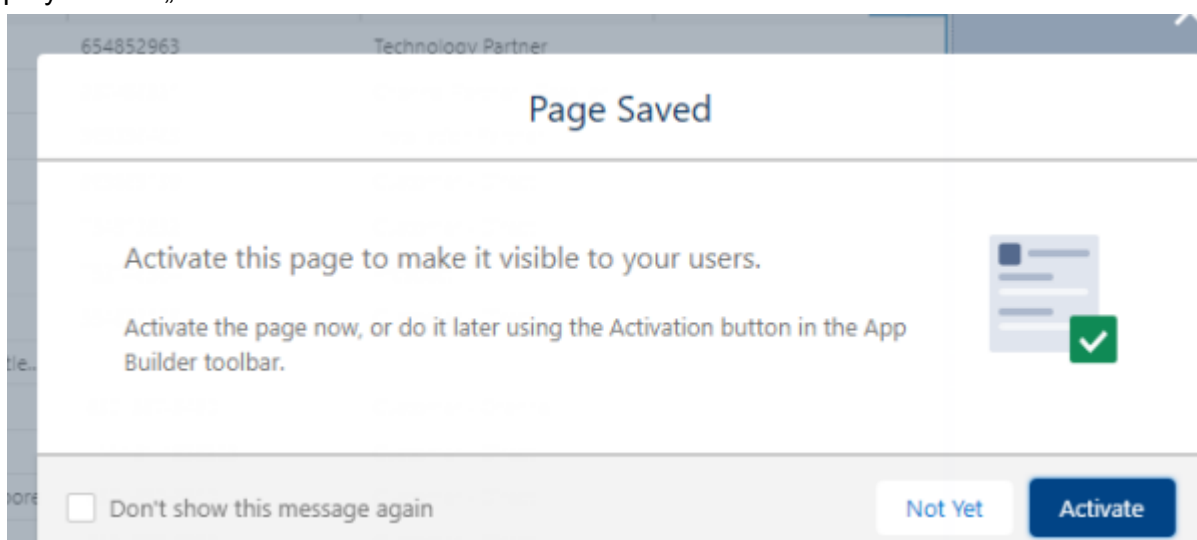


10. Na liście po lewej stronie zjechać w dół do zakładki "Custom". Przeciągnąć nasz komponent o nazwie accounts na prawy panel podglądu strony głównej. Należy znaleźć miejsce które podświetla się na zielono.



Account Id	Account Name	Account Phone	Account Type	Account Income
0010900001uP7VuAAK	Uranaru Zakiyara	654852963	Technology Partner	
0010900001uP7VvAAK	Mashirunu Lunua	987456321	Channel Partner / Reseller	
0010900001uP7a3AAC	Nashinar Ashtushti	365236485	Installation Partner	
0010900001uP7a4AAC	Sumarunu Ruanashtu	963865159	Customer - Direct	
0010900001uP7a5AAC	Mashiram Mashinu	784512632	Customer - Direct	
0010900001uP7iHAAS	Maraya Eshuwia	752146364	Prospect	
0010900001uP7iIAAS	Ukuyua Eshunar	854632158	Customer - Direct	
0010900001rqtekAAA	Sample Account for Entitle...			
001090000119CqNAAU	GenePoint	(650) 867-3450	Customer - Channel	
001090000119CqLAAU	United Oil & Gas, UK	+44 191 4956203	Customer - Direct	
001090000119CqMAAU	United Oil & Gas, Singapore	(650) 450-8810	Customer - Direct	
001090000119CqDAAU	Edge Communications	(512) 757-6000	Customer - Direct	
001090000119CqEAAU	Burlington Textiles Corp of ...	(336) 222-7000	Customer - Direct	
001090000119CqFAAU	Pyramid Construction Inc.	(014) 427-4427	Customer - Channel	
001090000119CqGAAU	Dickenson plc	(785) 241-6200	Customer - Channel	
001090000119CqHAAU	Grand Hotels & Resorts Ltd	(312) 596-1000	Customer - Direct	
001090000119CqJAAU	Express Logistics and Trans...	(503) 421-7800	Customer - Channel	
001090000119CqKAAU	University of Arizona	(520) 773-9050	Customer - Direct	
001090000119CqIAAU	United Oil & Gas Corp.	(212) 842-5500	Customer - Direct	
001090000119CqOAAU	sForce	(415) 901-7000		
0010900001uP6yCAAS	Mashinar Duranaram	596587412	Channel Partner / Reseller	
0010900001uP6yDAAS	Ishni Balanaram	987526365	Technology Partner	
0010900001uP7iRAAS	Balaba Marati	745365214	Prospect	

11. Zapisać za pomocą przycisku “Save” w prawym górnym rogu. Zatwierdzić przyciskiem „Activate”.



12. Za pomocą strzałki po lewej na górze strony wrócić do strony głównej.

13. Sprawdzić, czy komponent poprawnie wyświetla się na stronie głównej.

