

# Data Sample and Instruction

## Important Notes:

If you cannot login, it might because our backend service is not started, please try again later (approximately 10 minutes).

Please wait a few seconds if no data is shown, because render is relative slow and plus our database also have limited speed.

If you face login time out problem, please just try again after 5 seconds

## Admin

You can login with admin account and gain authority of Administrator.

	id [PK] integer	username character varying (255)	password character varying (255)	lastname character varying (255)	firstname character varying (255)
1	1	Jovi	12123	Yu	Shuowen

## Instruction

After login using this account, you will be redirected to Administrator Dashboard. Then you will be able to view all customers and company listings.

Administrator Dashboard		
All Customers	All Company Listings	
All Customers		
Userid	Username	Action
1	Edward	<button>View Portfolio</button>
2	Chris	<button>View Portfolio</button>
3	Marvin	<button>View Portfolio</button>
4	Calvincoc	<button>View Portfolio</button>
5	AndyGoo	<button>View Portfolio</button>
6	Daisy	<button>View Portfolio</button>

All Company Listings

Listing ID	Company Name	Category	Share Type	Amount	Price(\$)
2	Google	Internet	B	2800	28.82
3	Google	Internet	C	0	329.43
4	Woolworth	Shopping	A	1200	18.26
5	Woolworth	Shopping	B	2314	46.51
6	Woolworth	Shopping	C	23	96.21
7	McDonald	Restaurant	A	423	12.11
8	McDonald	Restaurant	B	1234	22.11
9	McDonald	Restaurant	C	123	98.8
10	Coles	Shopping	A	5543	102.9
11	Coles	Shopping	B	321	43.12
12	Coles	Shopping	C	632	11.01
13	CommonWealth	Bank	A	897	5.42
14	CommonWealth	Bank	B	250	2.12
15	CommonWealth	Bank	C	5311	2.32
1	Google	Internet	A	3000	120

By clicking on View Portfolio, you can view details of a customer.

Administrator Dashboard

Cutomer Portfolio Details

Portfolio

Net Profit is 0

Company Name	Share Type	Amount	Purchase Price	Current Price	Profit
Google	B	200	28.82	28.82	0
CommonWealth	A	984	5.42	5.42	0
McDonald	A	6454	12.11	12.11	0

CompanyUser

You can login with the company user account. Then you can gain authority of managing shares or listing in your company.

	id [PK] integer	username character varying (255)	password character varying (255)	lastname character varying (255)	firstname character varying (255)	balance numeric (20,2)	companyid integer
1	1	Clark	88888	Cao	Yuchen	45984.65	1
2	2	Woool	916770190	Johnson	Emily	63786.42	2
3	3	McdonaForever	4566fev	Smith	William	28744.09	3
4	4	ColesBeats	coles123	Brown	Olivia	16401.25	4
5	5	CommonBank	common993	Williams	James	93279.50	5

Instruction

After login by using any of these account. You can edit the shares and listing of your company.

Company Dashboard

Create

Manage Current Listing

Share Price

Share Amount

Share Type

Select share type

Submit

Company Dashboard

Create

Manage Current Listing

Listing ID	Company Name	Category	Share Type	Amount	Price(\$)	Edit
2	Google	Internet	B	2800	28.82	Edit
3	Google	Internet	C	0	329.43	Edit
1	Google	Internet	A	3000	120	Edit

# Customer

You can login with the customer account. Then you can gain authority of managing your share and listing.

	id [PK] integer	username character varying (255)	password character varying (255)	lastname character varying (255)	firstname character varying (255)	balance numeric (20,2)
1	1	Edward	1234567	Meng	Zhaolong	16544.86
2	2	Chris	131415	Xu	Jun	68583.20
3	3	Marvin	Cdc90321	James	Marvin	48460.89
4	4	Calvinccc	CJ666321	Calvin	Deng	44955.25
5	5	AndyGoo	131415	Andy	Cutting	44206.57
6	6	Daisy	dspw9999	Daisy	Marry	36770.26

# Company

This is the company that is currently on our system. Including their company name, category and balance.

	id [PK] integer	companyname character varying (255)	category character varying (255)	balance numeric (20,2)
1	1	Google	Internet	20863.93
2	2	Woolworth	Shopping	31365.69
3	3	McDonald	Restaurant	39036.76
4	4	Coles	Shopping	9518.18
5	5	CommonWealth	Bank	36480.54

## Instruction

Once logged in by using any account shown above, you can view the listings in the market.

### Customer Dashboard

Hi Edward

Current Balance is 16544.86

Market Search Portfolio

#### Market Place

Listing ID	Company Name	Category	Share Type	Amount	Price(\$)	Purchase
2	Google	Internet	B	2800	28.82	<a href="#">Buy</a>
3	Google	Internet	C	0	329.43	<a href="#">Buy</a>
4	Woolworth	Shopping	A	1200	18.26	<a href="#">Buy</a>
5	Woolworth	Shopping	B	2314	46.51	<a href="#">Buy</a>
6	Woolworth	Shopping	C	23	96.21	<a href="#">Buy</a>
7	McDonald	Restaurant	A	423	12.11	<a href="#">Buy</a>
8	McDonald	Restaurant	B	1234	22.11	<a href="#">Buy</a>
9	McDonald	Restaurant	C	123	98.8	<a href="#">Buy</a>
10	Coles	Shopping	A	5543	102.9	<a href="#">Buy</a>
11	Coles	Shopping	B	321	43.12	<a href="#">Buy</a>

You can search for listings by any keywords including company name, category, share type and price range.

Hi Edward

Current Balance is 16544.86

Market Search Portfolio

### Search For Share

Company Name

google

Industry / Category

Industry

Share Type

Select Type

Price Range

Minimum

Minimum Price

Maximum

Maximum Price

Search

### Search Result

Listing ID	Company Name	Category	Share Type	Amount	Price(\$)	Purchase
2	Google	Internet	B	2800	28.82	<button>Buy</button>
3	Google	Internet	C	0	329.43	<button>Buy</button>

You can purchase any amount of share (if there are that many amount and you have enough money).

### Customer Dashboard

Hi Edward

Market Search

Listing ID

2

3

4

5

6

7

8

9

10

11

12

13

Purchase Share

Purchansing the listing 2

Amount

50

Cancel

Confirm

4

5

6

7

8

9

10

11

12

13

Woolworth

Woolworth

Woolworth

McDonald

McDonald

McDonald

Coles

Coles

Coles

CommonWealth

Shopping

Shopping

Shopping

Restaurant

Restaurant

Restaurant

Shopping

Shopping

Shopping

Bank

A

B

C

A

B

C

A

B

C

A

1200

2314

23

423

1234

123

5543

321

632

897

18.26

46.51

96.21

12.11

22.11

98.8

102.9

43.12

11.01

5.42

X

Purchase

Buy

Buy

Buy

Buy

Buy

Buy

Buy

Buy

Buy

Buy

Buy

Buy

And you can check your portfolio with all listings you got.

## Customer Dashboard

Hi Edward

Current Balance is 16544.86

Market

Search

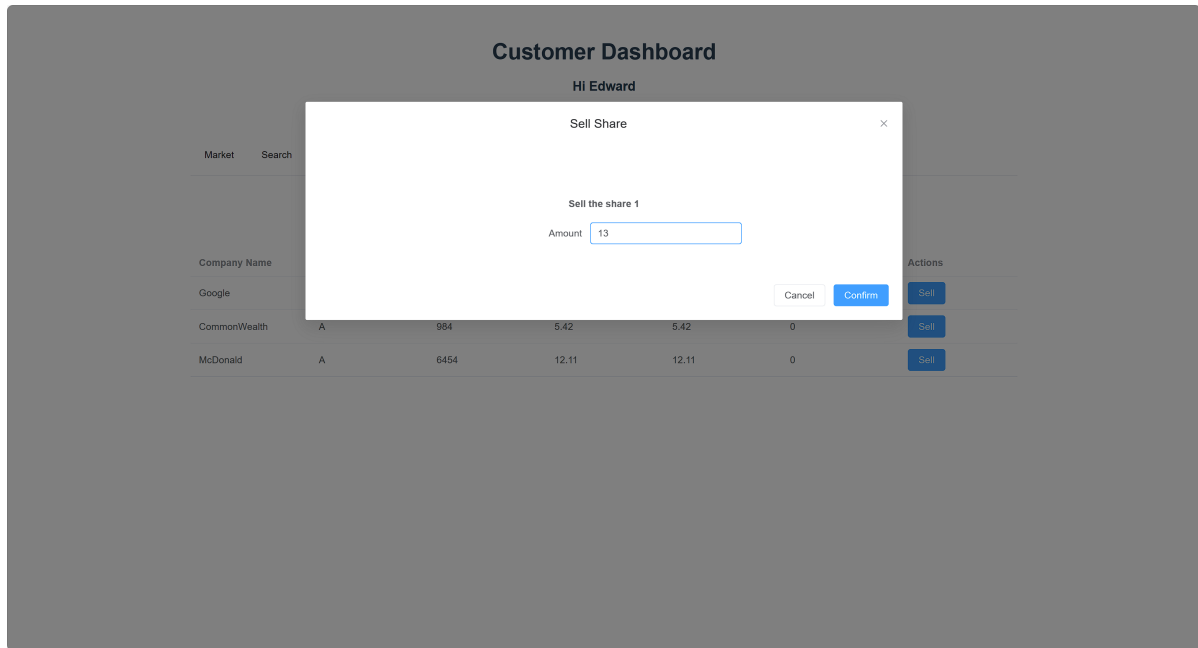
Portfolio

Portfolio

Net Profit is 0

Company Name	Share Type	Amount	Purchase Price	Current Price	Profit	Actions
Google	B	200	28.82	28.82	0	<button>Sell</button>
CommonWealth	A	984	5.42	5.42	0	<button>Sell</button>
McDonald	A	6454	12.11	12.11	0	<button>Sell</button>

In portfolio, you can sell the listings you have.






## Share

Share holds the company it belongs to, the type of share and it's price. Note that if the company user changed it price, we will add a new record to save the value (in case customer purchased this share before, if we change the price, we cannot record the price when they purchase, then we are unable to calculate the profit) .

	id [PK] integer	companyid integer	sharetype character	price numeric (20,2)
1	1	1	A	50.25
2	2	1	B	28.82
3	3	1	C	329.43
4	4	2	A	18.26
5	5	2	B	46.51
6	6	2	C	96.21
7	7	3	A	12.11
8	8	3	B	22.11
9	9	3	C	98.80
10	10	4	A	102.90
11	11	4	B	43.12
12	12	4	C	11.01
13	13	5	A	5.42
14	14	5	B	2.12
15	15	5	C	2.32
16	16	2	A	50.20
17	17	1	A	28.82
18	18	5	C	12.43

## Company Listing




These are listings belongs to company. It shows the share it holds and how many share its holding. Note that even the numShare turns to 0, we will also keep the record for customers sell back to company. The customer can purchase any share and amount (less than numShare) via listing.

	id [PK] integer 	shareid integer 	numshare integer 
1	1	1	3000
2	2	2	2800
3	3	3	0
4	4	4	1200
5	5	5	2314
6	6	6	23
7	7	7	423
8	8	8	1234
9	9	9	123
10	10	10	5543
11	11	11	321
12	12	12	632
13	13	13	897
14	14	14	250
15	15	15	5311

## Investing Listing

These are the listings hold by customers, it shows the share they hold and amount of share. As a customer, you can sell them back to company, if numShare turn to 0, we will remove this record and the relevant portfolio record. If customer purchase the same share, we will add them on the origin invest listing we already have.








	id [PK] integer 	shareid integer 	numshare integer 
1	1	2	200
2	2	3	3000
3	3	5	541
4	4	7	6454
5	5	1	2030
6	6	3	341
7	7	2	652
8	8	8	72
9	9	13	984
10	10	6	1125
11	11	8	631
12	12	12	998
13	13	5	554
14	14	3	638
15	15	5	743
16	16	4	623
17	17	8	6111
18	18	7	421

## Portfolio

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Portfolio keeps a record of the userid, listingid, shareid and companyid, it bonds everything together so we do not need to do a lot "join table" , it is also the key how we show every listing on a page.

	id [PK] integer 	userid integer 	listingid integer 	shareid integer 	companyid integer 
1	1	1	1	2	1
2	2	2	2	3	1
3	3	3	3	5	2
4	4	4	4	7	3
5	5	5	5	1	1
6	6	6	6	3	1
7	7	2	7	2	1
8	8	4	8	8	3
9	9	1	9	13	5
10	10	3	10	6	2
11	11	2	11	8	3
12	12	4	12	12	4
13	13	5	13	5	2
14	14	6	14	3	1
15	15	6	15	5	2
16	16	4	16	4	2
17	17	3	17	8	3
18	18	1	18	7	3