

Name	Password	Email	Cash	Transaction	Date	Symbol	Shares	Price	Today_Price
Higgins	'111'	higgins@scm.edu	10000	Buy	11/25/2015	GOOGL	2	750	800
Higgins	'111'	higgins@scm.edu	10000	Buy	11/30/2015	GOOGL	1	775	800
Higgins	'111'	higgins@scm.edu	10000	Sell	12/05/2015	GOOGL	1	785	800
Higgins	'111'	higgins@scm.edu	10000	Buy	12/05/2015	APPL	2	100	110
Sigafoos	'222'	sigafos@scm.edu	5000	Buy	10/03/2015	Free	100	1	0.10
Sigafoos	'222'	sigafos@scm.edu	5000	Buy	10/26/2015	APPL	2	105	110
Sigafoos	'222'	sigafos@scm.edu	5000	Sell	10/26/2015	APPL	1	115	110

User

USER_ID	Name	Password	Email	Cash
1	Higgins	'111'	higgins@scm.edu	10000
2	Sigafoos	'222'	sigafos@scm.edu	5000
PK				

Portfolio_History

Transaction_ID	Portfolio_ID	User_ID	Date	Transaction	Symbol	Share	Price
1		1	11/25/2015	Buy	GOOGL	2	750
2		1	11/30/2015	Buy	GOOGL	1	775
3		1	12/05/2015	Sell	GOOGL	1	785
4		1	12/05/2015	Buy	APPL	2	100
5		2	10/03/2015	Buy	Free	100	1
6		2	10/26/2015	Buy	APPL	2	105
7		2	10/26/2015	Sell	APPL	1	115

8	5	2		Buy	Y	5	
		1		Sell	APPL	2	
PK		FK, index(user_id, date): unique					

Portfolio

Portfolio_ID	USER_ID	Symbol	Share	Today_Price
1	1	GOOGL	2	800
2	1	APPL	2	110
3	2	FREE	100	0.10
4	2	APPL	1	110
5	2	Y	5	
PK	FK, index(user_id, symbol): unique			