

Challenge #1

Vending

Machine

Index

3

Model

5

Public API Interface

7

Unit Testing

Model

✱ Product

Id

SellerId

Name

Cost

Amount Available

✱ User Session

UserId

Uniqueld

Timestamp

✱ User

Id

Username

Password

Deposit

RoleId

✱ Role

Id

Name

Public API

Interface

Product

✗ Post	/product	} Seller only
✗ Put	/product/{id}	
✗ Delete	/product/{id}	
✗ Get	/product	

Client

✗ Post	/deposit	} buyer only
✗ Get	/balance	
✗ Post	/reset	
✗ Post	/buy	
✗ Post		

User

✗ Post	/user
? [□ Get /user
	□ Put /user
	□ Delete /user

Account

✗ Post	/login
✗ Post	/logout
✗ Post	/logout/all

Unit

Testing



~~✗~~ /deposit

~~✗~~ 5

~~✗~~ 10

~~✗~~ 20

~~✗~~ 50

~~✗~~ 100

~~✗~~ 51

~~✗~~ /buy

~~✗~~ 1

~~✗~~ 2

~~✗~~ no money

~~✗~~ no products

~~✗~~ wrong product

~~✗~~ Post /product

~~✗~~ working

~~✗~~ wrong amount

~~✗~~ wrong cost

~~✗~~ wrong name

✗ correct	change
✗ correct	product
✗ correct	amount
✗ correct	spenditure

