Testing Public Key

- Adding Normal key: PASS

curl --silent --data "full-name=Tester one&email=testone@testone.com&comment=testonecomment&expiration=False&pubkey=testonepubkeyone" -H "Accept: application/json" http://cs496-hw03-api.appspot.com/pubkey

{"email": "testone@testone.com", "fullname": "Tester one", "expTime": "N/A", "key": 6051711999279104, "comment": "testonecomment", "pubkey": "testonepubkeyone", "expDate": "N/A", "exp": "False"}

- Adding Blank 'fullname': PASS

curl --silent --data "full-name=&email=testone@testone.com&comment=testonecomment&expiration=False&pubkey=testonepubkeyone" -H "Accept: application/json" http://cs496-hw03-api.appspot.com/pubkey

Invalid request, 'fullname' is required.

- Adding Blank 'expiration': PASS

curl --silent --data "full-name=Tester one&email=testone@testone.com&comment=testonecomment&expiration=&pubkey=testonepubkeyone" -H "Accept: application/json" http://cs496-hw03-api.appspot.com/pubkey

Invalid request, 'expiration' is required.

- Adding Blank 'pubkey': PASS

curl --silent --data "full-name=Tester one&email=testone@testone.com&comment=testonecomment&expiration=False&pubkey=" -H "Accept: application/json" http://cs496-hw03-api.appspot.com/pubkey

Invalid request, 'pubkey' is required.

- Adding Blank 'email': PASS

curl --silent --data "full-name=Tester one&email=testone@testone.com&comment=testonecomment&expiration=False&pubkey=testonepubkeyone" -H "Accept: application/json" http://cs496-hw03-api.appspot.com/pubkey

{"email": "testone@testone.com", "fullname": "Tester one", "expTime": "N/A", "key": 4925812092436480, "comment": "testonecomment", "pubkey": "testonepubkeyone", "expDate": "N/A", "exp": "False"}

* Testing delete

- Delete PubKey: PASS

Store public key and retrieve key

curl --silent --data "full-name=Tester one&email=testone@testone.com&comment=testonecomment&expiration=False&pubkey=testonepubkeyone" -H "Accept: application/json" http://cs496-hw03-api.appspot.com/pubkey

Delete public key with key

curl --silent http://cs496-hw03-api.appspot.com/pubkey/del/delpublickeyid

PubKey: 6333186975989760 Deleted

Delete public key with invalid key

curl --silent http://cs496-hw03-api.appspot.com/pubkey/del/delpublickeyid

PubKey: 9898888888888888888888 Deleted

*Test Modify

- Modify public key: PASS

Store person and retrieve key

curl --silent --data "full-name=Tester one&email=testone@testone.com&comment=testonecomment&expiration=False&pubkey=testonepubkeyone" -H "Accept: application/json" http://cs496-hw03-api.appspot.com/pubkey

{"email": "testone@testone.com", "fullname": "Tester one", "expTime": "N/A", "key": 6333186975989760, "comment": "testonecomment", "pubkey": "testonepubkeyone", "expDate": "N/A", "exp": "False"}

Modify person with key

curl --silent --data "full-name=Tester Two&email=testtwo@testtwo.com&comment=testtwocomment&expiration=False&pubkey=testtwopubkeyone&id=key" -H "Accept: application/json" http://cs496-hw03-api.appspot.com/pubkey

{"email": "testtwo@testtwo.com", "fullname": "Tester Two", "expTime": "N/A", "key": 6333186975989760, "comment": "testtwocomment", "pubkey": "testtwopubkeyone", "expDate": "N/A", "exp": "False"}

Modify person with invalid key

curl --silent --data "full-name=Tester Two&email=testtwo@testtwo.com&comment=testtwocomment&expiration=False&pubkey=testtwopubkeyone&id=invalidkey" -H "Accept: application/json" http://cs496-hw03-api.appspot.com/pubkey

"Invalid request with key 239045823572390 item not found."

Testing People

- Adding person: PASS

curl --silent --data "full-name=Tester One&email=testone@testone.com&phone=1234567890&address=Tester one deress 998765&contacts[]=Tester Two&contacts[]=Tester Three" -H "Accept: application/json" http://cs496-hw03-api.appspot.com/people

{"email": "testone@testone.com", "fullname": "Tester One", "key": 5207287069147136, "phone": "1234567890", "address": "Tester one deress 998765", "contacts": ["Tester Two", "Tester Three"]}

- Adding Blank fullname: PASS

curl --silent --data "full-name=&email=testone@testone.com&phone=1234567890&address=Tester one deress 998765&contacts[]=Tester Two&contacts[]=Tester Three" -H "Accept: application/json" http://cs496-hw03-api.appspot.com/people

Invalid request, 'fullname' is required.

- Adding Blank email: PASS

curl --silent --data "full-name=Tester One&email=&phone=1234567890&address=Tester one deress 998765&contacts[]=Tester Two&contacts[]=Tester Three" -H "Accept: application/json" http://cs496-hw03-api.appspot.com/people

Invalid request, 'email' is required.

- Adding Blank phone: PASS

curl --silent --data "full-name=Tester One&email=testone@testone.com&phone=&address=Tester one deress 998765&contacts[]=Tester Two&contacts[]=Tester Three" -H "Accept: application/json" http://cs496-hw03-api.appspot.com/people

Invalid request, 'phone' is required.

- Adding Blank address: PASS

curl --silent --data "full-name=Tester One&email=testone@testone.com&phone=1234567890&address=&contacts[]=Tester Two&contacts[]=Tester Three" -H "Accept: application/json" http://cs496-hw03-api.appspot.com/people

Invalid request, 'address' is required.

*Testing delete

- Delete Person: PASS

Store person and retrieve key

curl --silent --data "full-name=Tester One&email=testone@testone.com&phone=1234567890&address=Tester one address 998765&contacts[]=Tester Two&contacts[]=Tester Three" -H "Accept: application/json" http://cs496-hw03-api.appspot.com/people

{"email": "testone@testone.com", "fullname": "Tester One", "key": 5770237022568448, "phone": "1234567890", "address": "Tester one address 998765", "contacts": ["Tester Two", "Tester Three"]}

Delete person with key

curl --silent http://cs496-hw03-api.appspot.com/people/del/key

People: 5770237022568448 Deleted

Delete person with invalid key

curl --silent http://cs496-hw03-api.appspot.com/people/del/invaidkey

People: 2346728947294 Deleted

*Test Modify

- Modify person: PASS

Store person and retrieve key

curl --silent --data "full-name=Tester
One&email=testone@testone.com&phone=1234567890&address=Tester one address
998765&contacts[]=Tester Two&contacts[]=Tester Three" -H "Accept: application/json"
http://cs496-hw03-api.appspot.com/people

{"key": 4644337115725824, "email": "testone@testone.com", "address": "Tester one address
998765", "fullname": "Tester One", "phone": "1234567890", "contacts": ["Tester Two", "Tester
Three"]}

Modify person with key

curl --silent --data "full-name=Tester
Two&email=test@testtwo.com&phone=0987654321&address=Tester Two address
987656&contacts[]=Tester one&contacts[]=Tester Three&id=key" -H "Accept: application/json"
http://cs496-hw03-api.appspot.com/people

{"key": 4644337115725824, "email": "test@testtwo.com", "address": "Tester Two address
987656", "fullname": "Tester Two", "phone": "0987654321", "contacts": ["Tester Two", "Tester
Three", "Tester one", "Tester Three"]}

Modify person with invalid key

curl --silent --data "full-name=Tester
Two&email=test@testtwo.com&phone=0987654321&address=Tester Two address
987656&contacts[]=Tester one&contacts[]=Tester Three&id=invalidkey" -H "Accept:
application/json" http://cs496-hw03-api.appspot.com/people

"Invalid request with key 239045823572390 item not found."