

VERIFY EMAIL API TUTORIAL

Composed by: Charlie Tan

Local Route: http://localhost:5000/api/verify_email (api/verify_email)

Deployed Route: https://kindling-lp.herokuapp.com/api/verify_email (api/verify_email)

EXPECTED INPUT FROM FRONTEND

```
{ "code_str" : some_string }
```

INPUT PROPERTIES EXPLAINED:

1) code_str: the string corresponding to the verification code that was sent to the user's email address.

EXPECTED OUTPUT FROM BACKEND:

```
{ "success_bool" : some_boolean }
```

OUTPUT PROPERTIES EXPLAINED:

1) success_bool: whether or not the verification process was successful. If 'true', the user is verified, 'false' otherwise. If 'true', user's 'ready_status' code is updated from zero to 1.

EXPECTED OUTPUT ILLUSTRATED:

1)

-Case: the 'code_str' is not associated with any user in the database.

-Expected output:

```
{ "success_bool" : false }
```

2)

-Case: the 'code_str' is associated with a user, but somehow, the user does not show as having registered. This should never happen, but just in case.

-Expected output:

```
{ "success_bool" : false }
```

3)

-Case: the 'code_str' is associated with a user, the user is registered in the database, but a database error occurs when trying to update the 'ready_status'.

-Expected output:

```
{ "success_bool" : false }
```

4)

-Case: the 'code_str' is associated with a user, the user is registered in the database, and the user has a 'ready_status' of zero.

-Expected output:

```
{ "success_bool" : true }
```

-in the above case, the user's 'ready_status' changes from zero to 1.

5)

-Case: the 'code_str' is associated with a user, the user is registered in the database, but the user has a 'ready_status' greater than zero.

-Expected output:

```
{ "success_bool" : true }
```

-in the above case, the user's 'ready_status' stays as it is and the user is considered as a successful verification since the user had to have been verified in the past to achieve a 'ready_status' of greater than zero.