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Microsoft Windows [Version 10.0.19045.2486]
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C:\Users\User\Desktop\WEB_BUILDS\services_test>npm test

> test
> cross-env NODE_ENV=test mocha --recursive --watch

Server running on 5000


  A test to check Mocka is working
    - test

  * Customer private view pages *
      Editor user person can view private pages
All good
    √ 1. Editor User logged in, person can view all customers on the private page (1830ms)
    √ 2. Editor User logged in, person can perform an CREATE a customer on private page (200ms)
    √ 2b. Editor User logged in, person can see that the previous update changes are visable (116ms)
    √ 3. Editor User logged in, person can NOT perform an CREATE a customer if customer already exists (118ms)
    √ 4. Any user logged in can NOT perform an CREATE on private page if no `accessToken` included in headers
    √ 5. Any user logged can NOT perform an UPDATE if not all required fields are supplied (64ms)
    √ 6. Editor User logged in, person can perform an UPDATE a customer on private page (199ms)
    √ 6b. Editor User logged in, person can see that the previous update changes are visable (124ms)
    √ 7. Editor User logged in, person can NOT perform an DELETE as they dont have this permission (61ms)
    √ 8. No User logged in, person NOT able to view private page `/api/customer`, expect view blocked
      Basic user person can view private pages
    √ 1. Basic User logged in, person can view all customers on the private page (239ms)
    √ 2. Basic User logged in, person can perform an CREATE a customer on private page (183ms)
    √ 2b. Basic User logged in, person can see that the previous update changes are visable (117ms)
    √ 3. Editor User logged in, person can perform an UPDATE a customer on private page (195ms)
    √ 3b. Editor User logged in, person can see that the previous update changes are visable (127ms)
    √ 4. Editor User logged in, person can NOT perform an DELETE as they dont have this permission (60ms)
      Admin user person can view private pages
    √ 1. Admin User logged in, person can view all customers on the private page (250ms)
    √ 2. Admin User logged in, person can perform an CREATE a customer on private page (185ms)
    √ 2b. Admin User logged in, person can see that the previous update changes are visable (116ms)
    √ 3. Admin User logged in, person can perform an UPDATE a customer on private page (189ms)
    √ 3b. Admin User logged in, person can see that the previous update changes are visable (113ms)
    √ 4. Admin User logged in, person can perform an DELETE as they have this permission (124ms)

  * Emails *
```

```
TERMINAL
    √ 3b. Admin User logged in, person can see that the previous update changes are visable (113ms)
    √ 4. Admin User logged in, person can perform an DELETE as they have this permission (124ms)

  * Emails *
      Contact Form
    √ 1. Customer able to submit contact form if all required fields are completed (141ms)
    √ 2. Customer NOT able to submit contact form if a required field is missing
      Emails private view pages
    √ 1. No User logged in, person NOT able to view private page `/api/email`, expect view blocked
    √ 2. Basic User able to login (142ms)
    √ 3. Basic User able to view emails once logged in (108ms)
    √ 3. Basic User able to delete email once logged in (126ms)
    √ 4. Basic User able to log out

  * Login *
      Login user
    √ 1. Basic User able to login with valid details (135ms)
    √ 1b. Basic User able to login with valid details - USER Persist: if cookie valid provide new accessToken (useRefreshToken hook) (1066ms)
    √ 2. Basic User able to log out
    √ 3. Basic user trys to login but with an incorrect password, expect error message (4514ms)
    √ 4. Basic user trys to Login but missing field supplied, expect error message
    √ 5. Attempted login where no user exists, expect error message (10690ms)

  * Customer private view pages *
      Editor user person can view private pages
    √ 1. Editor User logged in, person can view all projects on the private page (244ms)
    √ 2. Editor User logged in, person can perform an CREATE a project on private page (224ms)
    √ 2b. Editor User logged in, person can see that the previous update changes are visable (123ms)
    √ 3. Any user logged in can NOT perform an CREATE on private page if no `accessToken` included in headers
    √ 4. Any user logged can NOT perform an UPDATE if not all required fields are supplied (58ms)
    √ 5. Editor User logged in, person can perform an UPDATE a project on private page (210ms)
    √ 6b. Editor User logged in, person can see that the previous update changes are visable (144ms)
    √ 6c. Editor User logged in, person can perform an CREATE a project on private page (209ms)
    √ 7. Editor User logged in, person can perform an DELETE as they have this permission (134ms)
    √ 8. No User logged in, person NOT able to view private page `/api/product`, expect view blocked
      Basic user person can view private pages
    √ 1. Basic User logged in, person can view all projects on the private page (336ms)
    √ 2. Basic User logged in, person can perform an CREATE a project on private page (195ms)
    √ 2b. Basic User logged in, person can see that the previous update changes are visable (132ms)
    √ 3. Basic User logged in, person can perform an UPDATE a project on private page (198ms)
    √ 3b. Basic User logged in, person can see that the previous update changes are visable (116ms)
    √ 4. Basic User logged in, person can NOT perform an DELETE as they dont have this permission (61ms)
      Admin user person can view private pages
```

```
       ✓ 4. Basic User logged in, person can NOT perform an DELETE as they dont have this permission (61ms)
       Admin user person can view private pages
       ✓ 1. Admin User logged in, person can view all projects on the private page (271ms)
       ✓ 2. Admin User logged in, person can perform an CREATE a project on private page (211ms)
       ✓ 2b. Admin User logged in, person can see that the previous update changes are visable (117ms)
       ✓ 3. Admin User logged in, person can perform an UPDATE a project on private page (201ms)
       ✓ 3b. Admin User logged in, person can see that the previous update changes are visable (126ms)
       ✓ 4. Admin User logged in, person can perform an DELETE as they have this permission (132ms)
       ✓ 4b. Admin User logged in, person can see that the previous update changes are visable (114ms)

* Register user *
     Register
       ✓ 1. No User logged in, person NOT able to create new user as they dont have this permission, expect error message
       ✓ 2. Basic User logged in, person NOT able to create new user as they dont have this permission, expect error message (219ms)
       ✓ 3. Editor User logged in, person able to create new user (416ms)
       ✓ 4. Editor User logged in, person NOT able to create new user if account already exists, expect error message (128ms)
       ✓ 5. Editor User logged in, person NOT able to create new user with an invalid email field, expect error message (68ms)
       ✓ 6. Editor User logged in, person NOT able to create new user with a missing field, expect error message (60ms)
       ✓ 7. Admin User logged in, person able to create new user (409ms)

* User private view pages *
     Editor user person can view private pages
       ✓ 1. Editor User logged in, person can view all users on the private page (256ms)
       ✓ 2. Editor User logged in, person can perform an UPDATE on private page (200ms)
       ✓ 2b. Editor User logged in, person can see that the previous update changes are visable (129ms)
       ✓ 3. Any user logged in can NOT perform an UPDATE on private page if no `accessToken` included in headers
       ✓ 4. Any user logged can NOT perform an UPDATE if not all required fields are supplied (66ms)
       ✓ 5. Editor User logged in, person can NOT perform an DELETE as they dont have this permission (59ms)
       ✓ 6. No User logged in, person NOT able to view private page `/user`, expect view blocked
       Basic user person can view private pages
       ✓ 1. Basic user logged in, person can view all users on the private page (256ms)
       ✓ 2. Basic user logged in, person can NOT perform an UPDATE on private page (69ms)
       ✓ 3. Basic user logged in, person can NOT perform an DELETE as they dont have this permission (61ms)
       Admin user person can view private pages
       ✓ 1. Admin User logged in, person can view all users on the private page (257ms)
       ✓ 2. Admin User logged in, person can perform an UPDATE on private page (221ms)
       ✓ 2b. Admin User logged in, person can see that the previous update changes are visable (130ms)
       ✓ 3. Admin User logged in, person can perform an DELETE as they have this permission (128ms)
       ✓ 4. Admin User logged in, person can see that the previous update changes are visable (161ms)


    ✓User logged out*
```

```
       ✓ 2b. Admin User logged in, person can see that the previous update changes are visable (130ms)
       ✓ 3. Admin User logged in, person can perform an DELETE as they have this permission (128ms)
       ✓ 4. Admin User logged in, person can see that the previous update changes are visable (161ms)

    ✓User logged out*

    ✓User logged out*

    ✓User logged out*

    ✓User logged out*

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    ✓User logged out*

    ✓User logged out*

    ✓User logged out*

    ✓User logged out*

    ✓User logged out*

    ✓User logged out*


  91 passing (28s)
  1 pending

i [mocha] waiting for changes...
## Back End testing
```