Found Defects

Sign Up allows to register with missing/ambiguous data

Description: The sign up endpoint is allowing hero with empty user name

Steps to reproduce:

Scenario: Heroes can be registered with 'username' field empty

Given I do not have / pass already registered in the system		SUCCESS	0.09s
DELETE http://localhost:8081/waesheroes/api/v1/users REST Query		SUCCESS	0s
When I sign-up hero with following information:			

username	pw	dateOfBirth	email	isAdmin	name	superpower
	pass	1984-07-26	aldous0@bravenewworld.com	true	Amazing Admin	Write awesome books

		SUCCESS	0.11s
POST http://localhost:8081/waesheroes/api/v1/users REST Query		SUCCESS	0s
Then I should receive a 400 status code		FAILURE	0.01s
Assertion error: Expected: is <400> but: was <200>	More details		

Request Headers

```
username=
Accept=*/*
Content-Type=application/json; charset=utf-8
```

Content Body


```
{
    "dateOfBirth": "1984-07-26",
    "email": "aldous0@bravenewworld.com",
    "name": "Amazing Admin",
    "superpower": "Write awesome books",
    "username": "",
    "pw": "pass",
    "isAdmin": true
}
```

Response Headers

```
Content-Type: application/json
Content-Length: 137
```

Response Body

```
{
    "dateOfBirth": "1984-07-26",
    "email": "aldous0@bravenewworld.com",
    "isAdmin": true,
    "name": "Amazing Admin",
    "superpower": "Write awesome books"
}
```

ISSUE: user is being registered with empty name

Scenario: Heroes can be registered with fields other than 'username', 'pw' and 'dateOfBirth' empty

Example #4: {username=aldous3, pw=pass, dateOfBirth=1984-07-26, email=, isAdmin=true, name=Amazing Admin, superpower=Write awesome books} FAILURE 0.22s

Given I do not have aldous3 / pass already registered in the system SUCCESS 0.17s

DELETE http://localhost:8081/waesheroes/api/v1/users REST Query SUCCESS 0s

When I sign-up hero with following information: SUCCESS 0.04s

username	pw	dateOfBirth	email	isAdmin	name	superpower
aldous3	pass	1984-07-26		true	Amazing Admin	Write awesome books

POST http://localhost:8081/waesheroes/api/v1/users REST Query SUCCESS 0s

Then I should receive a 400 status code FAILURE 0.01s

Assertion error: Expected: is <400> but: was <200> More details

Request Headers

```
username=aldous3
Accept=*/*
Content-Type=application/json; charset=utf-8
```

Content Body

```
{
    "dateOfBirth": "1984-07-26",
    "email": "",
    "name": "",
    "superpower": "",
    "username": "aldous3",
    "pw": "pass",
}
```

Response Body

```
{
    "dateOfBirth": "1984-07-26",
    "email": "",
    "name": "",
    "superpower": ""
}
```

ISSUE: user is being registered with empty fields

Login feature throws internal server error when trying to login with missing password

Steps to reproduce:

Steps	Outcome	Duration
Example #1: {user=admin, password=}	FAILURE	0.09s
When I login with the following credentials: admin /	*SUCCESS*	*0.07s*
GET http://localhost:8081/waesheroes/api/v1/users/access REST Query	*SUCCESS*	*0s*
Then I should receive a 401 status code	*FAILURE*	*0.01s*
Assertion error: Expected: is <401> but: was <500> More details		

Request Headers

```
Authorization=Basic YWRtaW46
Accept=*/*
```

Response Body

```
<html>
  <head>
    <title>Grizzly 2.4.0</title>
    <style>&lt;!--div.header {font-family:Tahoma,Arial,sans-serif;color:white;backgro
und-color:#003300;font-size:22px;-moz-border-radius-topleft: 10px;border-top-left-rad
ius: 10px;-moz-border-radius-topright: 10px;border-top-right-radius: 10px;padding-lef
t: 5px}div.body {font-family:Tahoma,Arial,sans-serif;color:black;background-color:#FF
FFCC;font-size:16px;padding-top:10px;padding-bottom:10px;padding-left:10px}div.footer
{font-family:Tahoma,Arial,sans-serif;color:white;background-color:#666633;font-size:1
4px;-moz-border-radius-bottomleft: 10px;border-bottom-left-radius: 10px;-moz-border-r
adius-bottomright: 10px;border-bottom-right-radius: 10px;padding-left: 5px}BODY {font
-family:Tahoma,Arial,sans-serif;color:black;background-color:white;}B {font-family:Ta
homa,Arial,sans-serif;color:black;}A {color : black;}HR {color : #999966;}--&gt;</sty
le>
  </head>
  <body>
    <div class="header">Request failed.</div>
    <div class="body">Request failed.</div>
    <div class="footer">Grizzly 2.4.0</div>
  </body>
</html>
```

Issue: an empty username should return a 400 or a 401 status code but instead it is giving back a 500 Internal Server error

Delete feature throws internal server error when trying to delete without credentials

Steps to reproduce:

Steps	Outcome	Duration
When I try to call delete endpoint without authentication	SUCCESS	0.49s
Then I should receive a 401 status code	FAILURE	0.03s
Assertion error: Expected: is <401> but: was <500> (More details)		
Then I should see the error information in the JSON response	SKIPPED	0s
errorCode: 401; errorMessage: Invalid credentials: Invalid username or password.		
	FAILURE	*0.53s*

Request Headers

```
Accept=*/*
```

Response

Status code: 500

Response Headers

```
Content-Type: text/html;charset=ISO-8859-1
Connection: close
Content-Length: 1031
```

Response Body

```
<html>
  <head>
    <title>Grizzly 2.4.0</title>
    <style>&lt;!--div.header {font-family:Tahoma,Arial,sans-serif;color:white;backgro
und-color:#003300;font-size:22px;-moz-border-radius-topleft: 10px;border-top-left-rad
ius: 10px;-moz-border-radius-topright: 10px;border-top-right-radius: 10px;padding-lef
t: 5px}div.body {font-family:Tahoma,Arial,sans-serif;color:black;background-color:#FF
FFCC;font-size:16px;padding-top:10px;padding-bottom:10px;padding-left:10px}div.footer
{font-family:Tahoma,Arial,sans-serif;color:white;background-color:#666633;font-size:1
4px;-moz-border-radius-bottomleft: 10px;border-bottom-left-radius: 10px;-moz-border-r
adius-bottomright: 10px;border-bottom-right-radius: 10px;padding-left: 5px}BODY {font
-family:Tahoma,Arial,sans-serif;color:black;background-color:white;}B {font-family:Ta
homa,Arial,sans-serif;color:black;}A {color : black;}HR {color : #999966;}--&gt;</sty
le>
  </head>
  <body>
    <div class="header">Request failed.</div>
    <div class="body">Request failed.</div>
    <div class="footer">Grizzly 2.4.0</div>
  </body>
</html>
```

Update end point allows for changing email to an already existing one

Steps to reproduce:

Steps	Outcome	Duration
Given I have hero with following information already registered:	SUCCESS	0.05s

username	pw	dateOfBirth	email	isAdmin	name	superpower
Trunks	Future	1910-01-01	trunks@a.com	true	Turnks	Z Sword

And I have admin already registered in the system	SUCCESS	0s
When I update hero with credentials Trunks / Future to:	SUCCESS	0.06s

username	pw	dateOfBirth	email	isAdmin	name	superpower
Trunks	Gogita	1922-02-02	a.admin@wearewaes.com	false	Gogeta	Kaioken x3

Then I should receive a 409 status code	FAILURE	0s

Assertion error: Expected: is <409> but: was <200>

More details

Request Headers

```
Authorization=Basic VHJ1bmtzOkZ1dHVyZQ==
Accept=*/*
Content-Type=application/json; charset=utf-8
```

Content Body


```
{
    "dateOfBirth": "1922-02-02",
    "email": "a.admin@wearewaes.com",
    "name": "Gogeta",
    "superpower": "Kaioken  x3",
    "username": "Trunks",
    "pw": "Gogita",
    "isAdmin": false
}
```


Response

Status code: 200

Response Body


```
{
    "dateOfBirth": "1922-02-02",
    "email": "a.admin@wearewaes.com",
    "isAdmin": false,
    "name": "Gogeta",
    "superpower": "Kaioken  x3"
}
```

ISSUE: user is able to be updated to an already existing email