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



Request Headers

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

Content Body

```
{
   "dateOfBirth": "1984-07-26",
   "email": "aldousO@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": "aldousO@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



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:



Request Headers

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

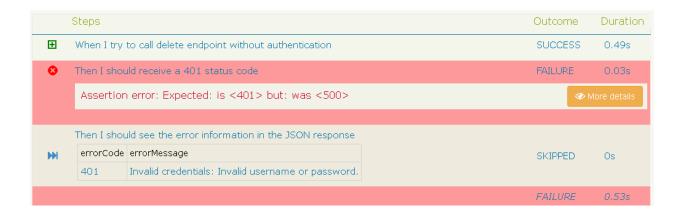
Response Body

```
<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; }--> </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:



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; }--> </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:



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