JustHealth- Iteration Number 4

Iteration Start Date:	10.11.14
Iteration Finish Date:	23.11.14

Outline of what we want to achieve:
- To have the ability for a carer and patient to be able to search for each other on both android and web
- To have the ability for a carer and patient to be able to connect to each other
- To make sure the connection is secure and completed in an effective way
- To ensure the POST requests are secure and authenticated.
- To have a profile page for both android and web
- Implement HTTPS
- Forgot password change
- Changed the way out API tests run

What we Achieved:
- You are able to search for a patient or carer to connect to depending on both android and web.
- Only patients can search for carers and carers can search for patients
- We have generated a 4 digit code for the target party to enter to confirm the connection
- Displaying the results of all connections and pending connections.
- Changed the 'forgot password' function so it is more secure and you can not change other people's password.
- HTTPS has been implemented
- Secure POST requests
- There is a profile page on both android and wed displaying the current users details.
- All API functions are individually tested.

What we have learnt:
- Android takes a lot longer then we first thought and all work is much harder on android then web
- Securing HTTP POST requests
- Securing our API using basic authentication
- Running advance queries through the ORM
- Displaying tables in android

What we would do differently:
- More collaboration between programmers in web and android
- Reduce the dependencies on each other's work