Wheelchair Management Tool

The system allows the tracking of wheelchairs allocated to patients across the trust's territory as well as track maintenance and new bespoke builds

Benefits

- Updates an old dysfunctional system
- Manage maintenance and cleaning
- Saves money on equipment losses
- Collects requirements for bespoke builds

Who uses it?

Administrators, doctors and managers in rehabilitation trusts anywhere it is needed

Any plugins?

Yes, an RFID reader app that could be installed onto any mobile telephone.

Why was it developed?

Historically, tracking of wheelchair inventory had been poor, while maintenance was not properly tracked. Additionally the details recorded for the manufacture of new wheelchairs, bespoke to specific patients was extremely adhoc and formalized into any single method of capture. Often the time required for the build of new chairs was greatly lengthened by the initial diagnosis and prescription process, A system was needed that tracked current inventory, maintenance and deep cleaning while giving a formal process and format to the acquisition of "new builds".

What type of system is it?

A full stack development in PHP, MySQL 5, XML and Javascript with integration of a an RFID solution that included heat/water resistant tags being added to chairs (for tracking of maintenance and deep cleaning)

NHS

Oncology Tool

The NHS data oncology application automatically combines contents of numerous and varied legacy data solutions to be merged as a clean database.

Benefits

- Combines data from many sources
- Automatically cleans data and removes duplicates and transcription errors
- Assists in cancer treatment

Who uses it?

Administrators and data managers within the NHS wishing to mine data from legacy systems or create clean data solutions from existing information across numerous sources.

Why was it developed?

The implementation and subsequent phasing out of multiple data solutions had created a legacy ofinformation being stored across numerous different containers in multiple different formats. The data included repetition, transcription errors and in many cases the information was stored in formats that was no longer supported. The Oncology solution brought all the data into a single format, removed all instances of repetition and transcription errors and allowed the data to be exported in any form.

What type of system is it?

A full stack development in PHP, MySQL 5, XML and Javascript with integration to multiple data formats. The system includes a User Interface with full functionality around reporting and data cleansing.