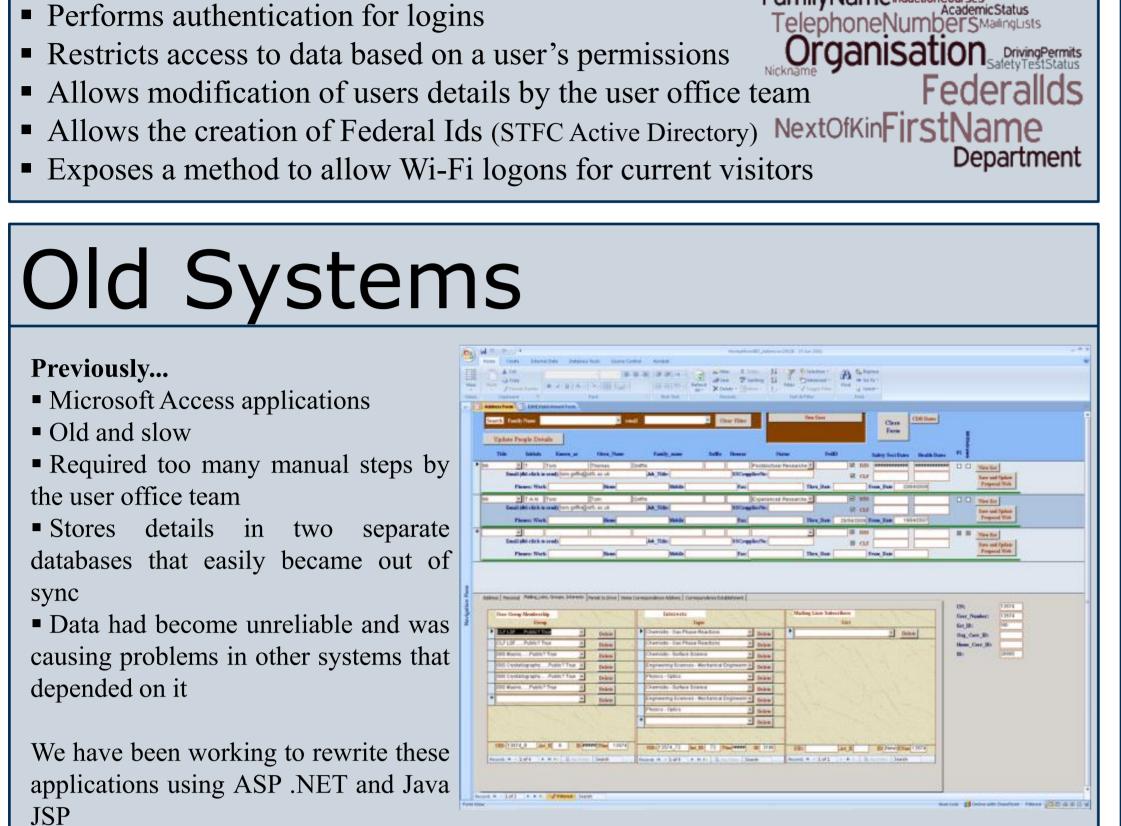
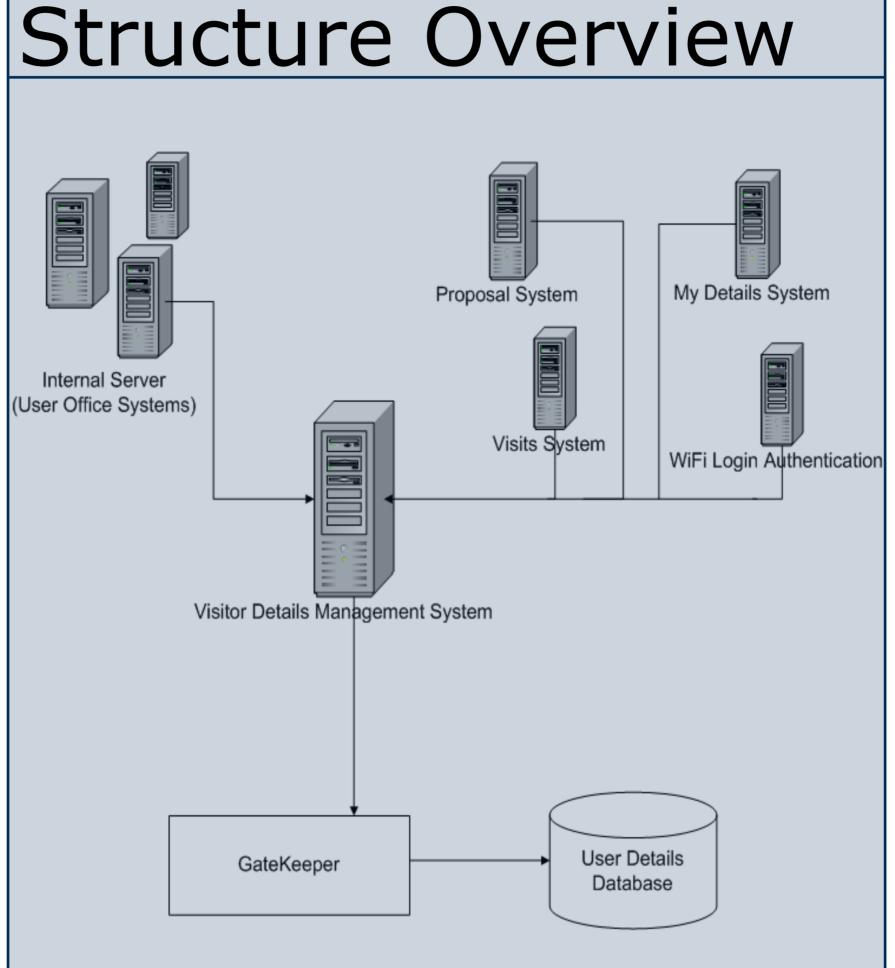
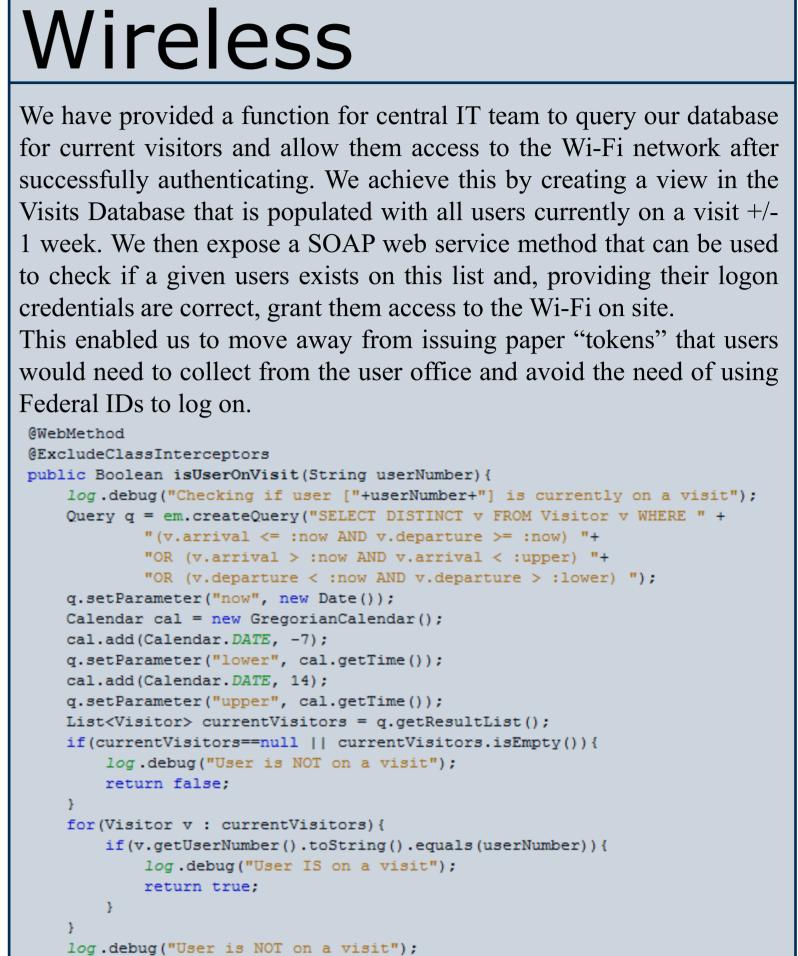


Visitor Details Management System







New Systems

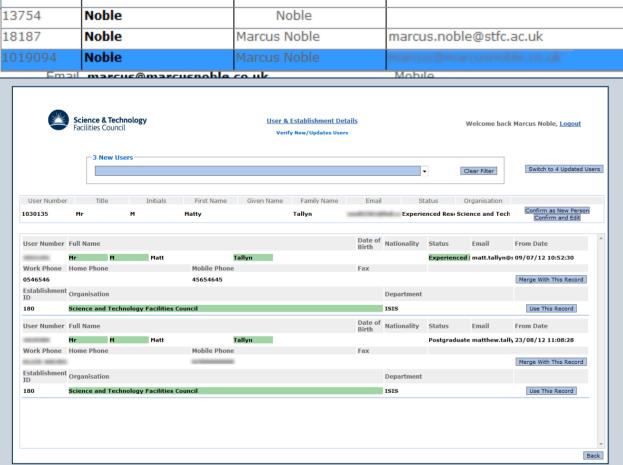
Overview

Controls access to the user details database

The new web-based system now groups together all the users and Science & Technology Excilities Council establishments basic details into a single simple page allowing quick access to the most relevant data. Additional details, such as next of kin details, mailing lists, Induction courses and the status of safety tests, and the ability to edit details are shown on a tabbed page. Colour is used to give a quick indication of the status of certain details such as the presence of next of kin details and the validity of safety tests.

The focus of the system is on the data so the interface has been kept clean of clutter and unnecessary elements and the information that matters is shown in bold grouped into logical sections.

▼ Email:



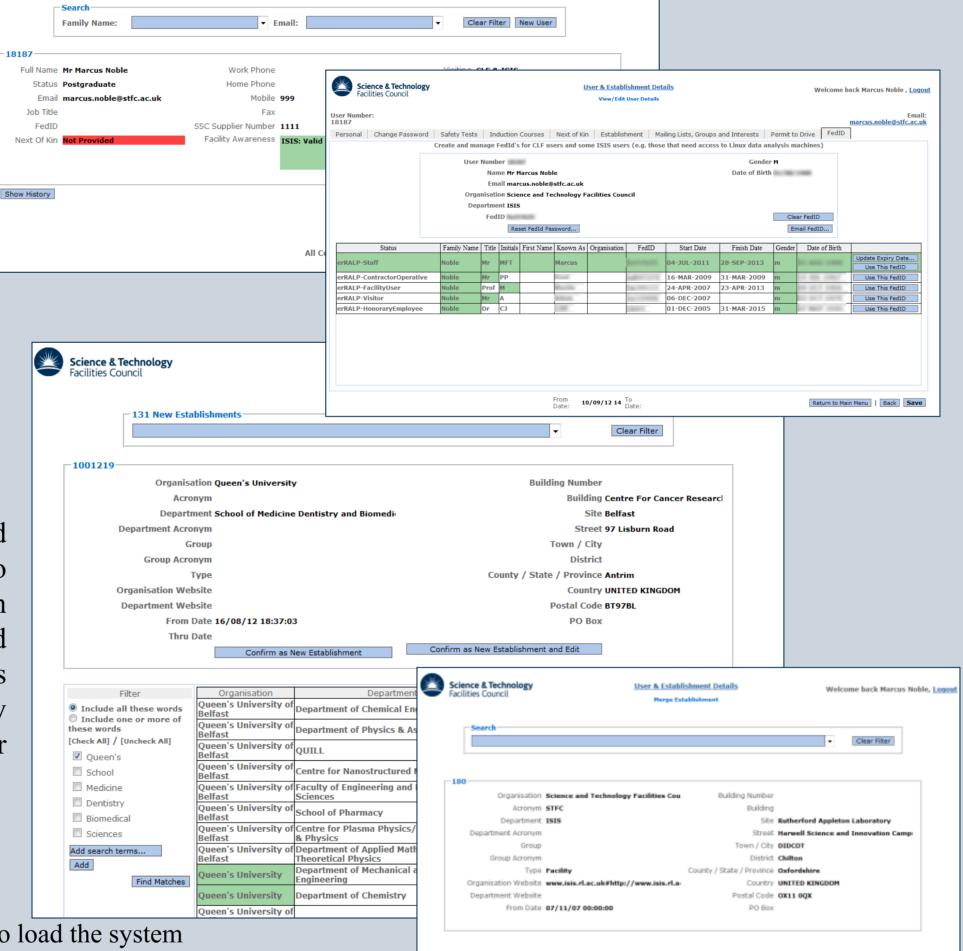
Noble

We made use of jQuery and FlexBox, a JavaScript library to provide searchable dropdown lists to provide this quick and easy user search box that allows our user office staff to quickly find a user based on their surname or email address.

Clear Filter New User

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Databases

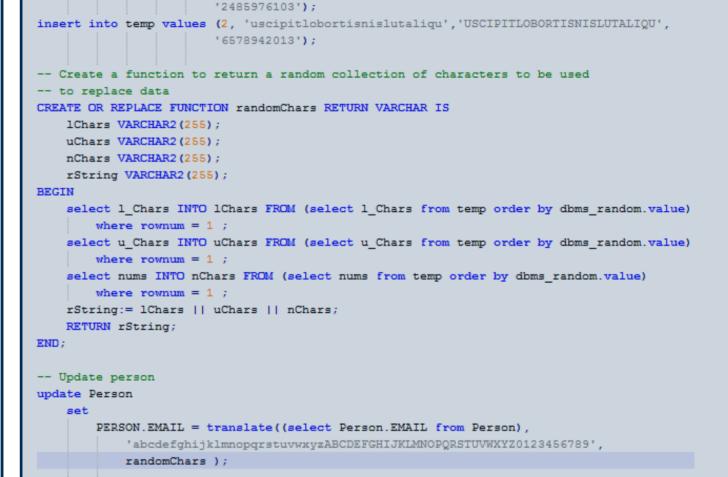
return false;

- The system sits on top of a single database containing all details •This allows secure and reliable access to user details Reduces redundancy
- Implements versioning to keep a history of changes
- Implemented in code by populating a "Thru_Date" column when a record is no longer valid •Current details are identified by records where "Thru Date" is
- We built a few small tools to maintain data (access through the User
- Details System interface)
 - Check for missing establishments Check for duplicate emails/user numbers

CREATE TABLE temp (temp_id number(38) primary key, l_chars varchar(255),

■ A cloned database on a separate cluster for development and testing

We have recently started looking into methods to scramble the data within our development schema to allow us to keep users data private in the event that we ever need to use some "real" test data off-site.



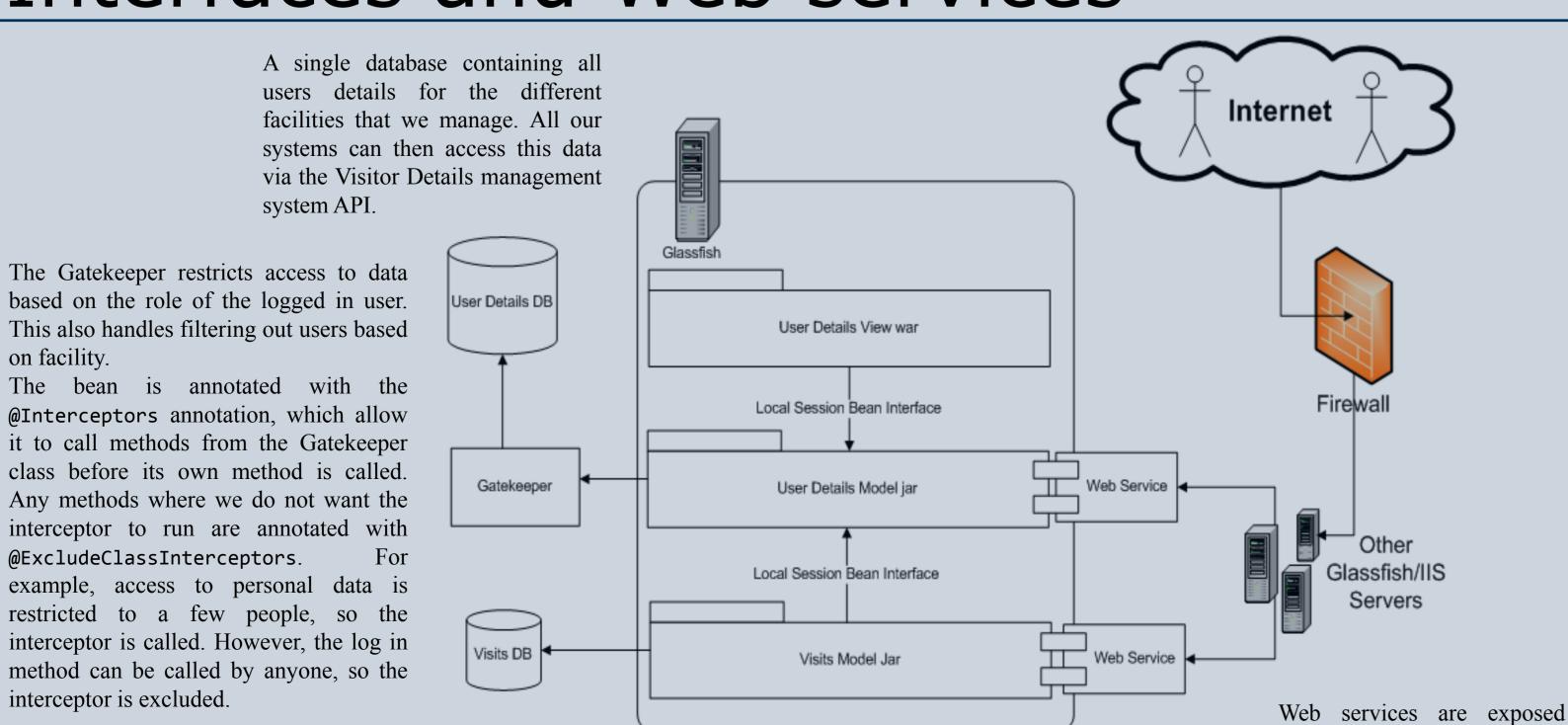
New features included:

- A single system controlling user logons for all other system
- Ability to merge users
- Ability to merge establishments
- Ability to locate and correct records with missing required data
- A comprehensive permissions system to allow restricted access Reduces duplicate user accounts and establishments due to to users details
- Ability to manage mailing lists, both public and internal, and Fixes and new features can quickly and easily be rolled out due to their associated users

Benefits:

- Reduced the waiting time to load the system
- Used to clean up >400 user records
- Less checks required by user office team when a user updates
- their details (now only requires authorising email changes)
- merge function
- being installed on a single server instead of individual's machines

Interfaces and Web services



@Interceptors (GateKeeper.class) @Stateless(name = "UserOfficeFacade", mappedName = "stfc-UserOffice-UserOfficeFacade") public class UserOfficeFacadeBean implements UserOfficeFacade, UserOfficeLocal {

Extracts from the Bean. Class definition (above) and a method which doesn't use the Gatekeeper (below). @ExcludeClassInterceptors

return em;

The method which gets called in the GateKeeper class public EntityManager getEm() { @AroundInvoke public Object logAccess (InvocationContext ic) throws Exception { internally to allow us to spread our systems across multiple virtual servers within out network and still allow sharing of information. This is also used by Central IT team to authenticate users for wireless access.

Cross Facility

- Our system is currently used to manage users from
 - ISIS
 - CLF
 - MICE experiment
- Will be shortly rolled out to RCaH ■ It has scope to handle more facilities in the future.
- Using a single system and database enables better cross-facility work and can provide more reliable up-to-date information between facilities. It also allows user office staff responsible
- Based on the logged in user, the gatekeeper ensures that only the relevant users' details are shown, e.g. the MICE admin team will be restricted to only managing MICE users (which may include users who are associated with other facilities as well).



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