

Samples of work by Syed Anam Hussain

Fullstack developer with UI Specialism

November 2021

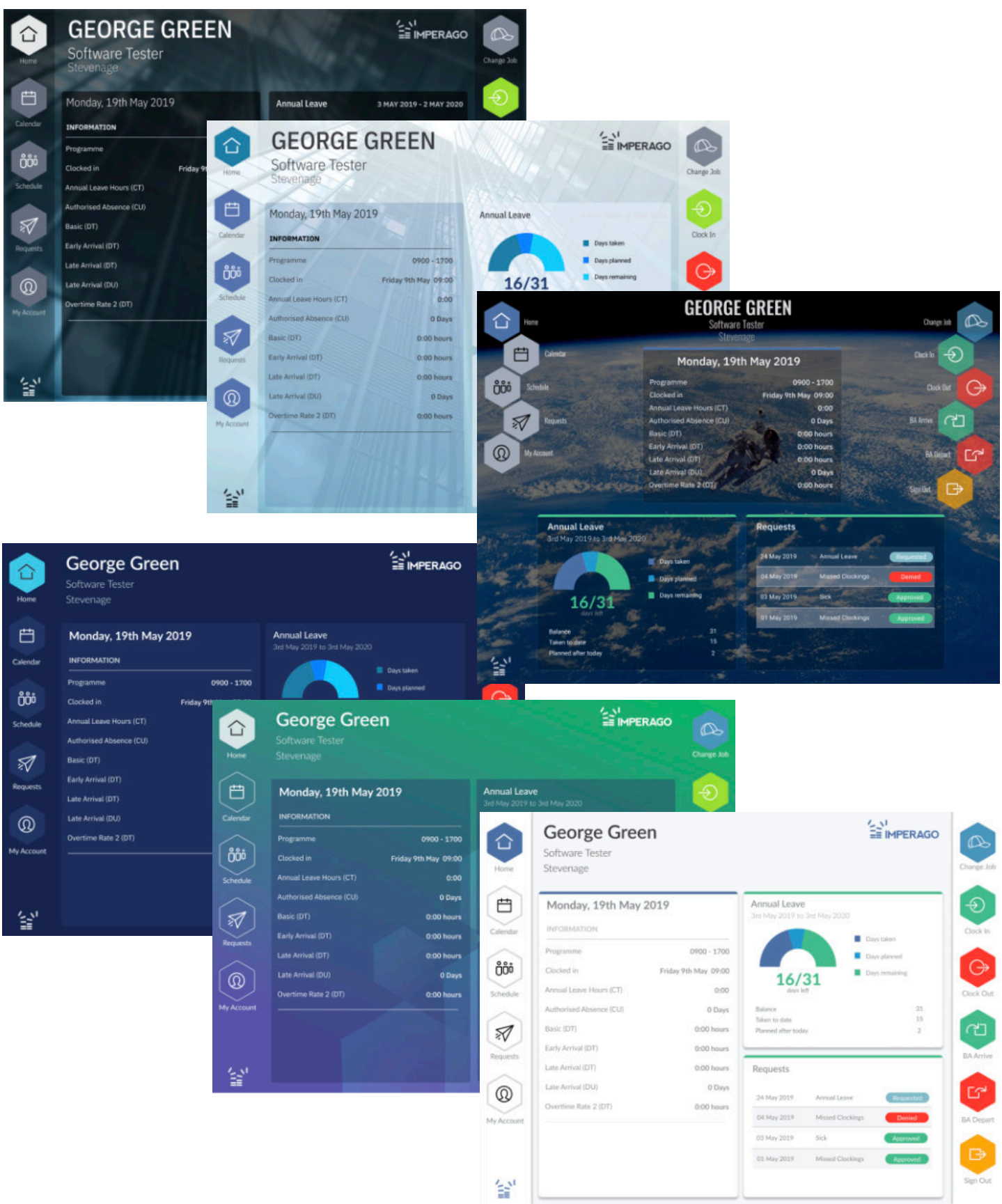
Employee Self Service redesign

Part of Imperago - Workforce Management application

Redesigned and implemented a responsive version of the Self Service part of Imperago

Role: Front and back end engineer

Technology used: JavaScript, jQuery, HTML and CSS with PHP (Zend) / PostgreSQL backend.

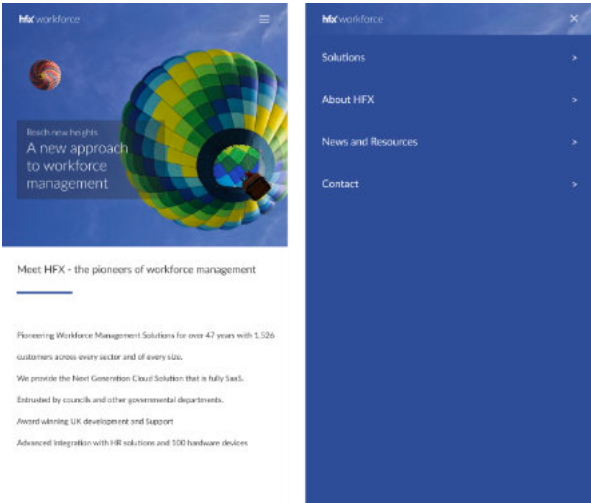
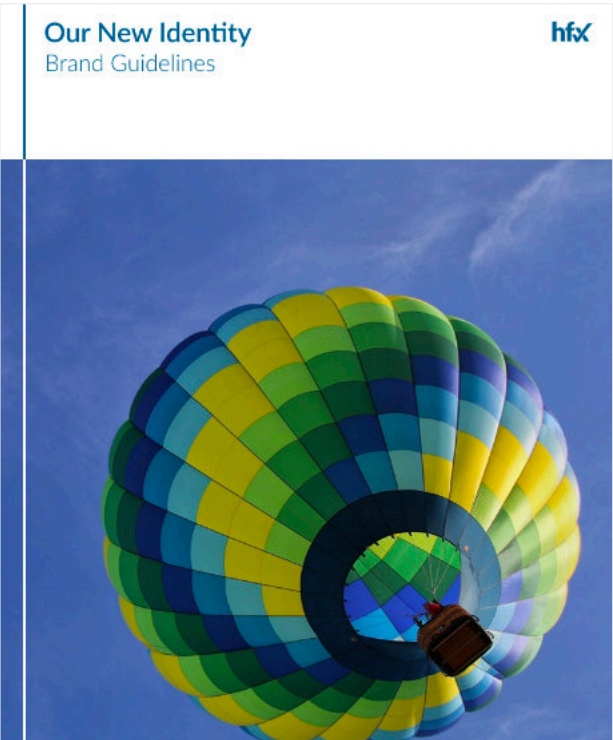
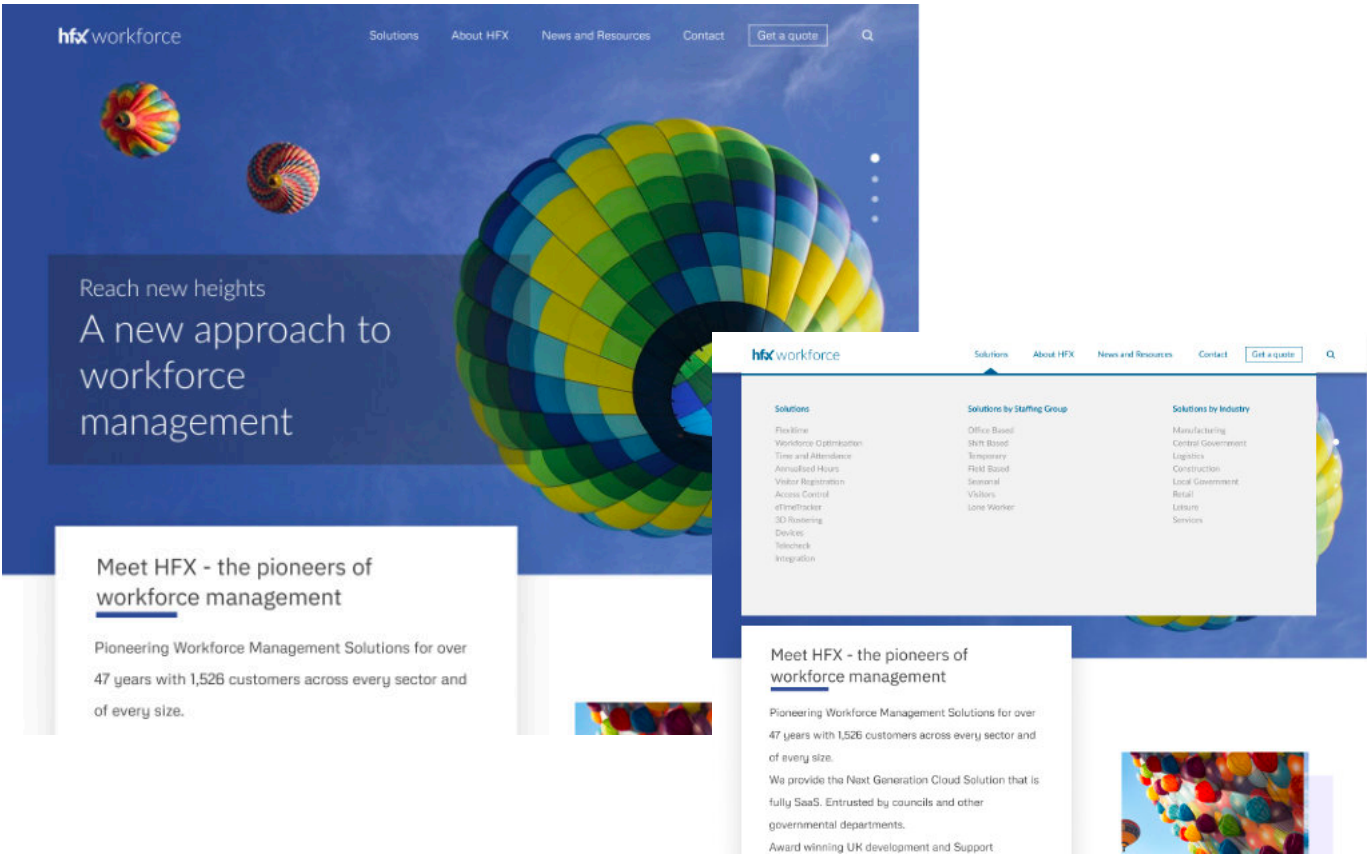


HFX Workforce

Sister website to the main corporate hfx.co.uk website

Designed and developed the site using Gatsby JS with Markdown. From start to finish in under 7 weeks.

Role: Sole designer and developer
Technology used: JavaScript (GatsbyJS, ReactJS)

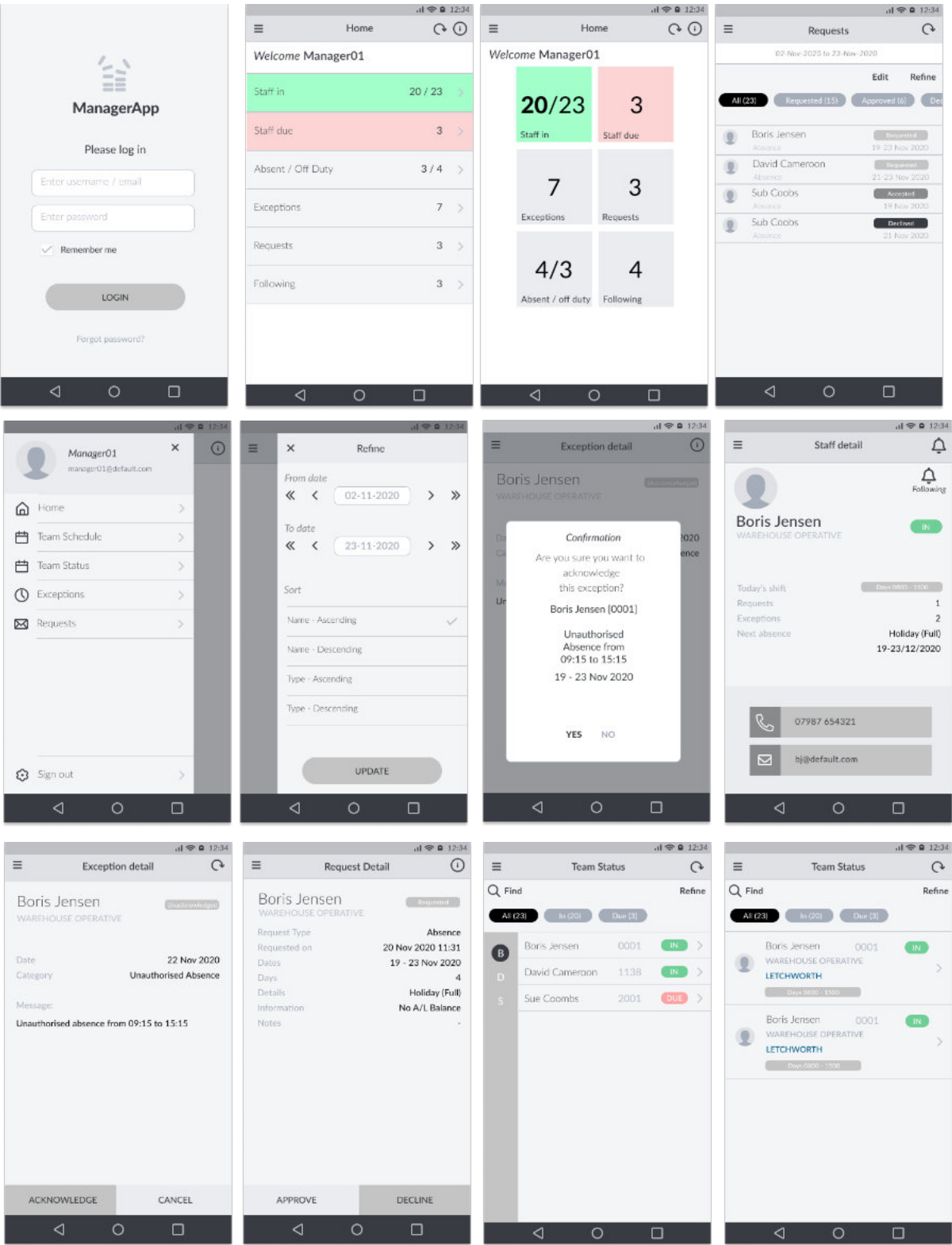


Imperago - Manager App

Easy to use mobile first app for managers

Role: Sole designer and developer
Technology used: React with Material UI, PHP (Laminas), PostgreSQL

Wireframes

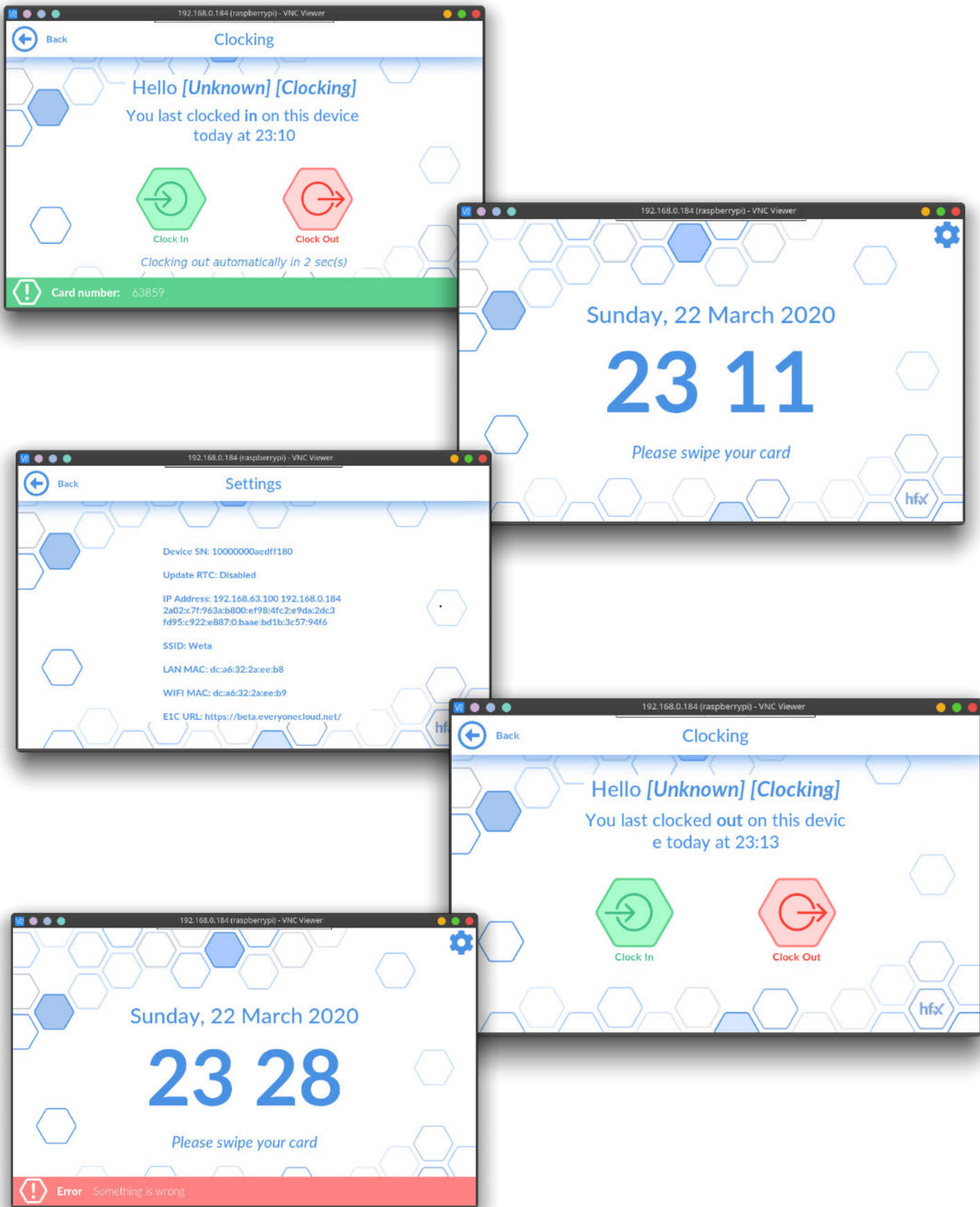


This is only a small selection of the 36 screens that have been designed

HFX Clock device UI redesign

Role: Sole designer and developer

Technology used: Python, RaspberryPi, PyGame with SDL.

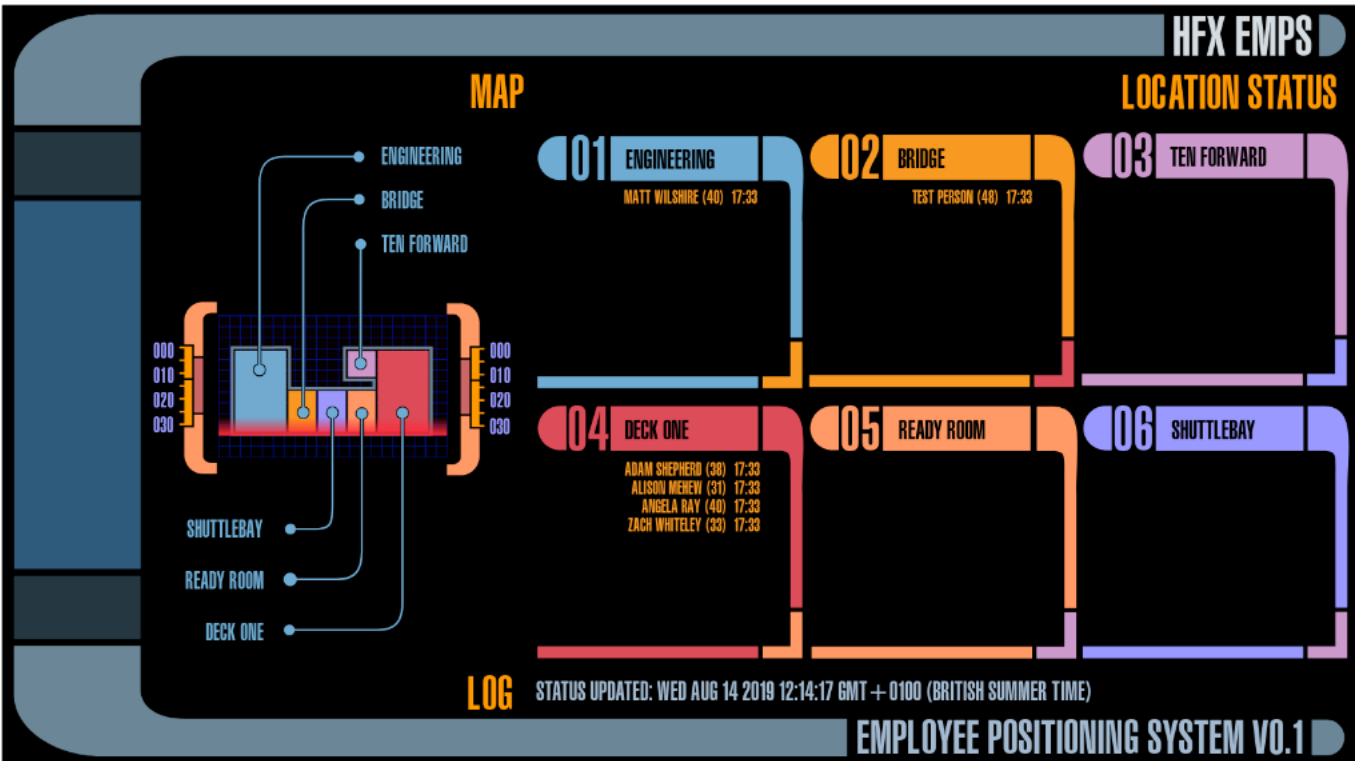


HFX Employee Positioning System prototype

Bluetooth based proximity capturing system. Used to locate employees within a building.
Installed in the Star Trek themed Shuttlebay in the entrance of the offices.
Designed and programmed over a single weekend.

Presented in a SVG driven interface with animation inspired by LCARS

Role: Designer and developer
Technology used: Python, Flask and SVG

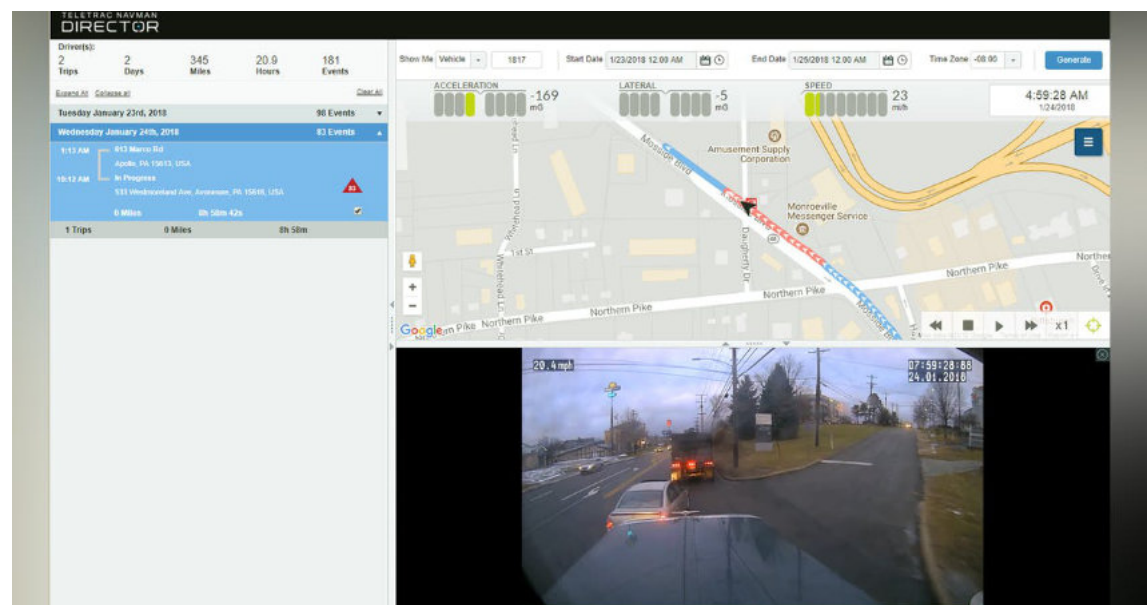


Driver Safety

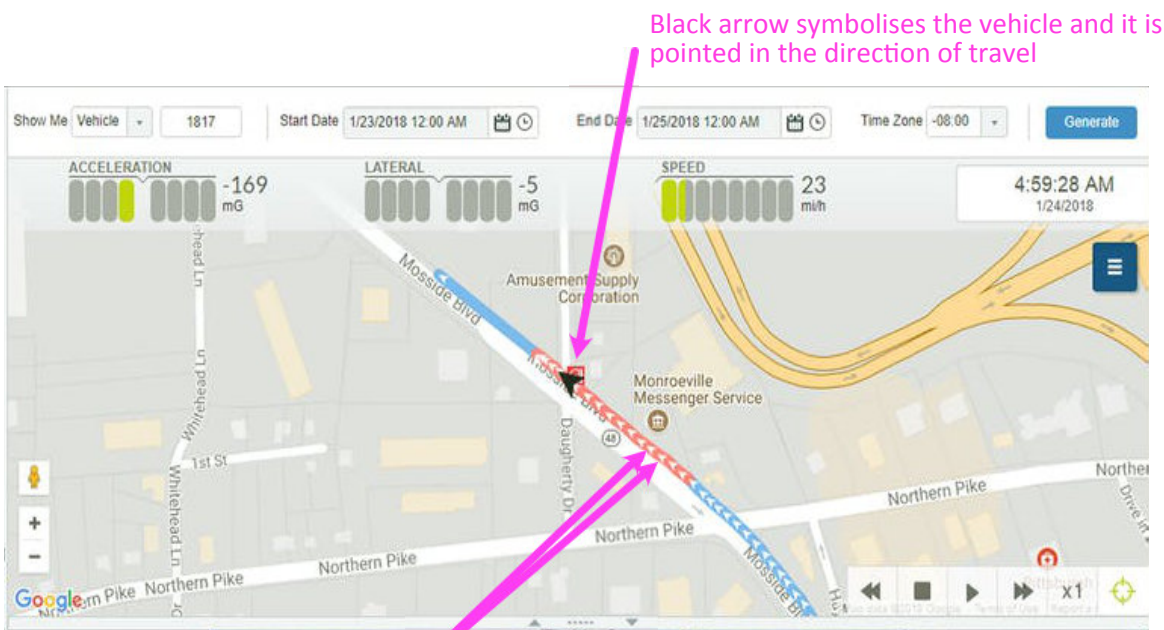
Part of DIRECTOR. Driver Safety Event Viewer

Event Viewer portion of the Driver Safety solution. Dashcam video footage playback with Google Maps event playback

Role: Front and back end engineer, architect of the JavaScript version of the Event Viewer.
Technology used: TypeScript with Kendo UI, Google Maps, HTML5 Video, CSS3 and HTML.



Dashcam video playback is synchronised with the Google Maps animation



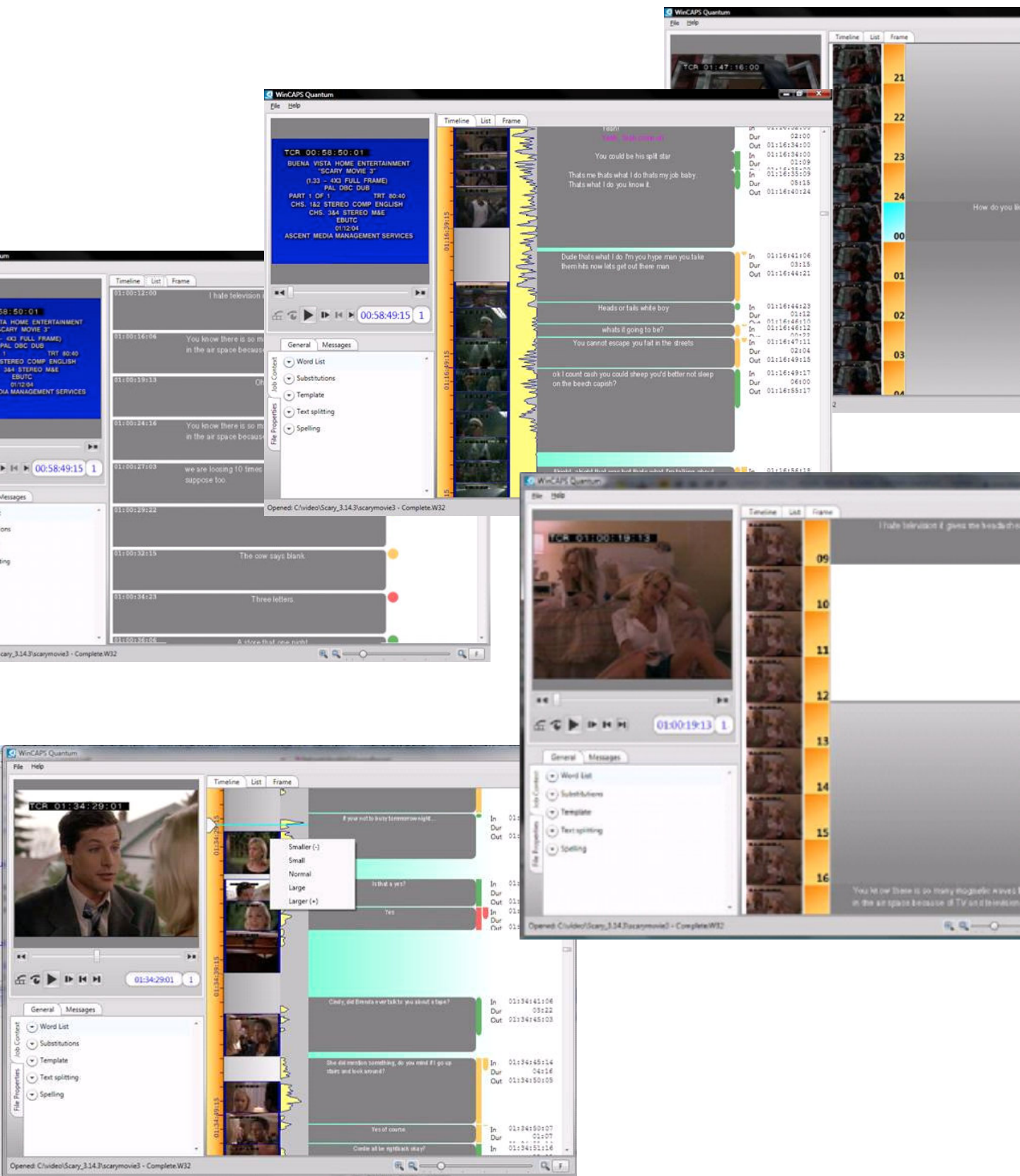
Each white arrow signifies a data point, which are taken at every second. Up to 10 frames are interpolated between each data point to give a smoother animation playback.

WinCAPS Quantum

WPF and COM based subtitle authoring system

WPF based implementation of the prototype developed ini>ally for RedBee

Role: Front to mid-way engineer and designer

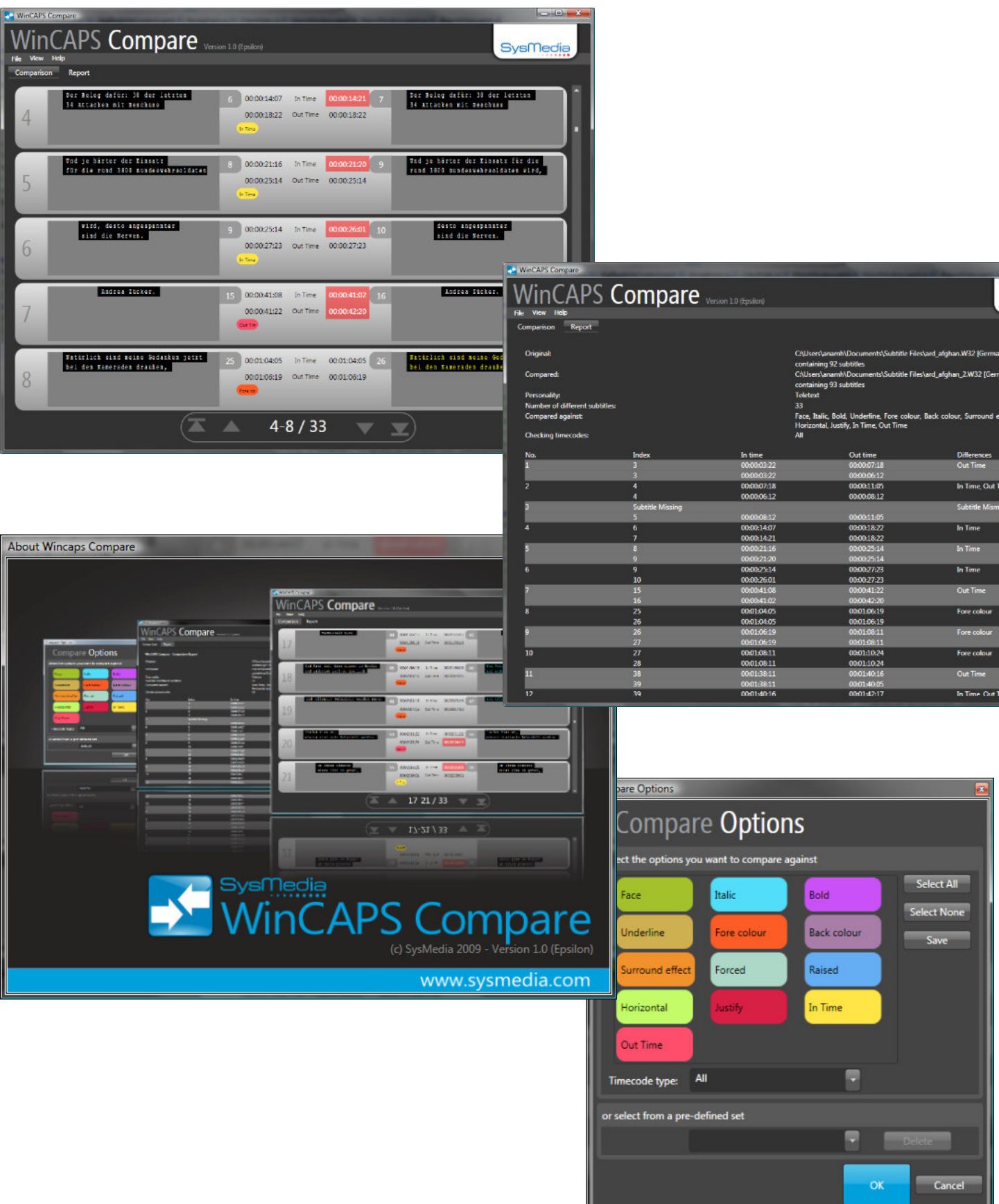


WinCAPS Compare

WPF and COM based subtitle comparison application

WPF based implementation of the prototype developed initially for RedBee

Role: Front to back engineer and designer

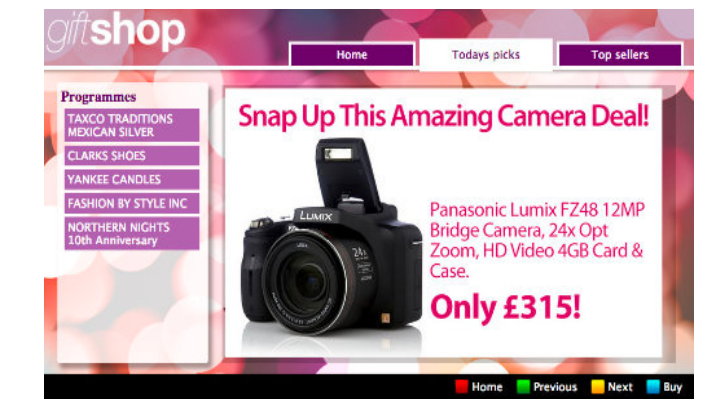
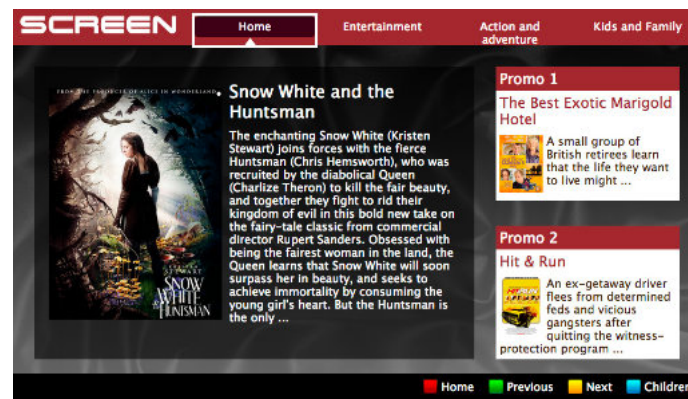
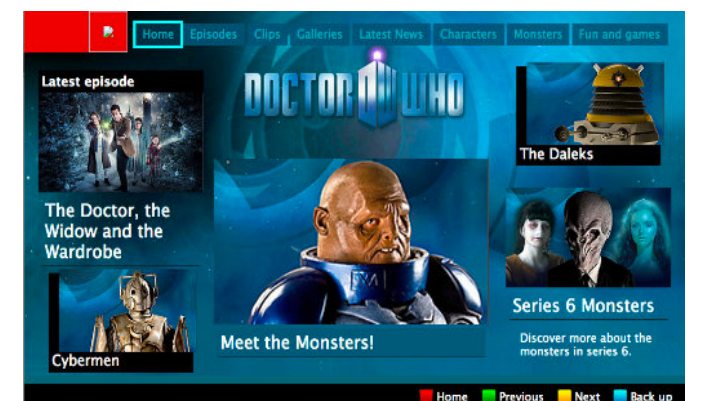
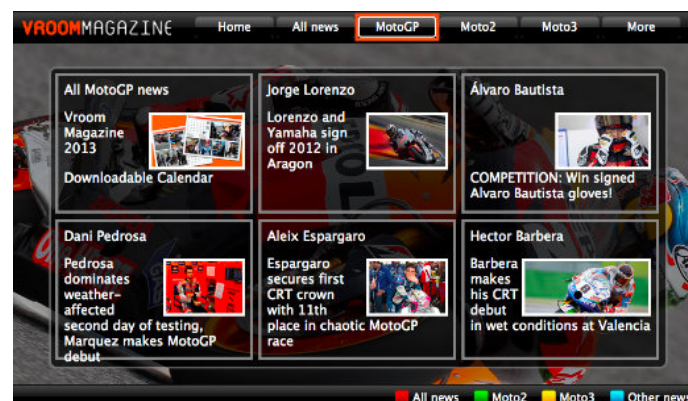
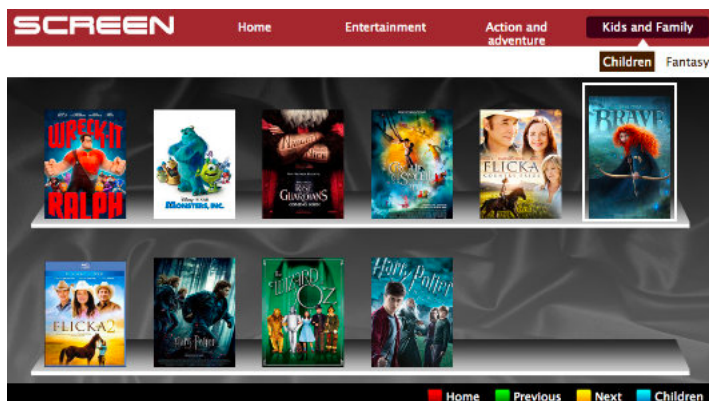


ScreenConnect

PHP, MySQL and HTML5 based CMS and Connected TV applications

Various prototypes made to demonstrate various functionality available – such as WordPress, Rovi Movie, Plasma Gold (in-house CMS) and proprietary API consumption and integration. All apps were also designed for mobiles, set-top boxes and tablets.

Role: Front to back engineer and designer (PHP, SQL, HTML5, CSS3 and JavaScript)

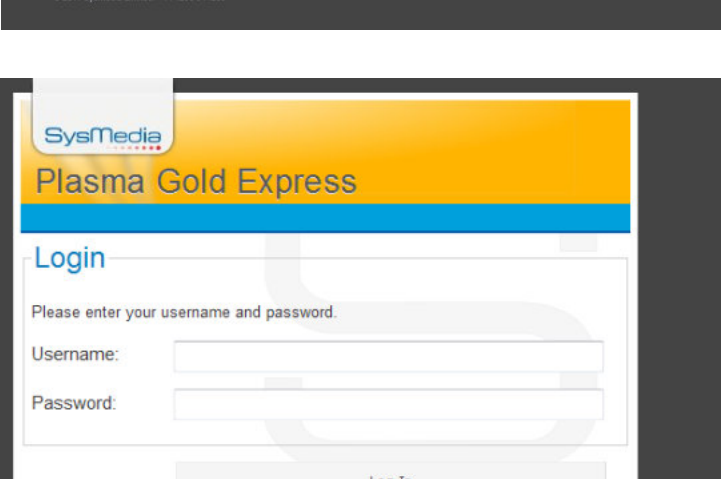
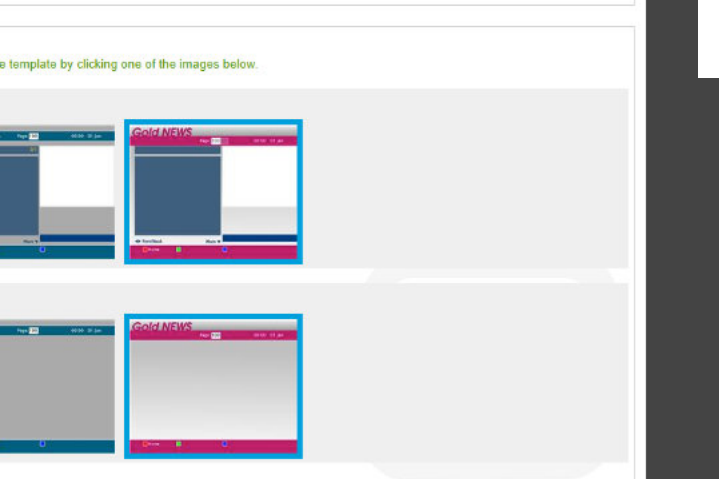
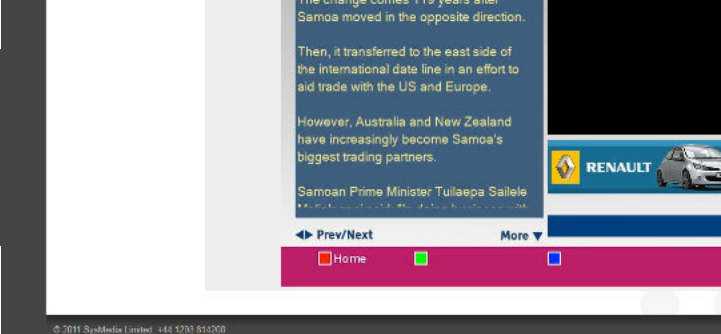
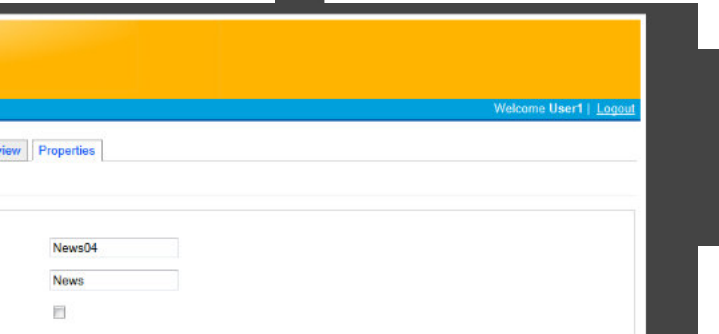
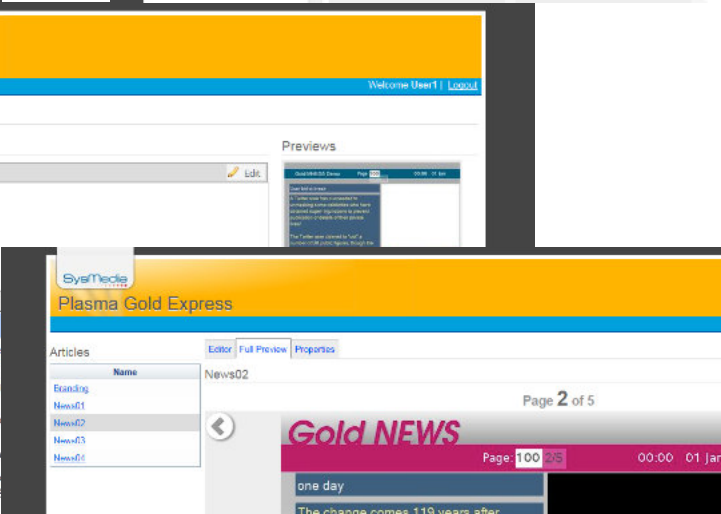
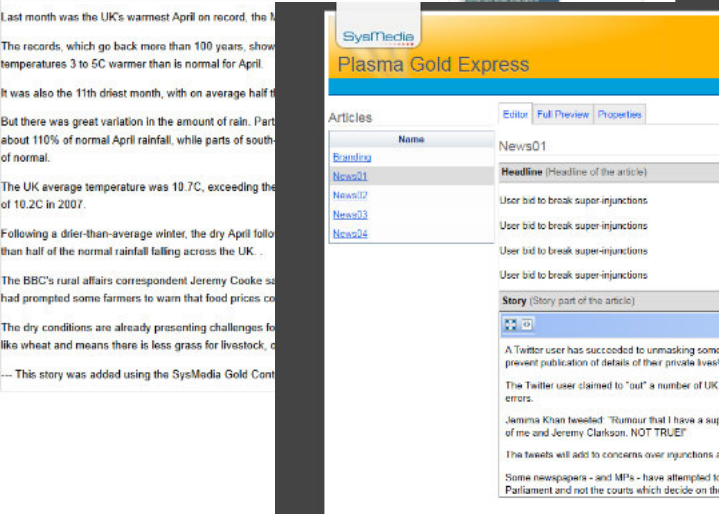
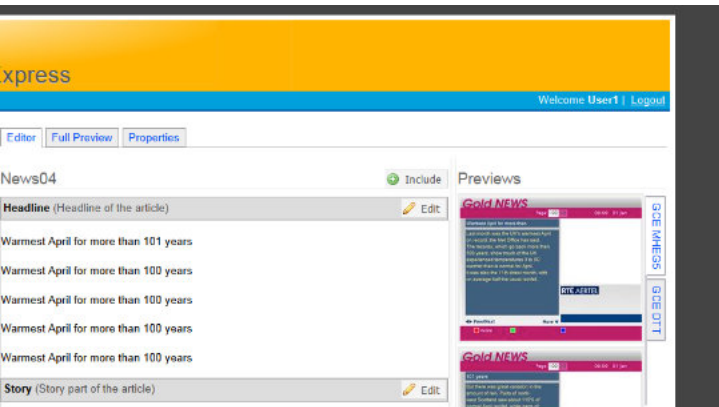


Plasma Gold Express

ASP.NET based multi-plaform content management system

Web application easy manipulation of content for multiple plaforms.

Role: Front to back engineer and designer

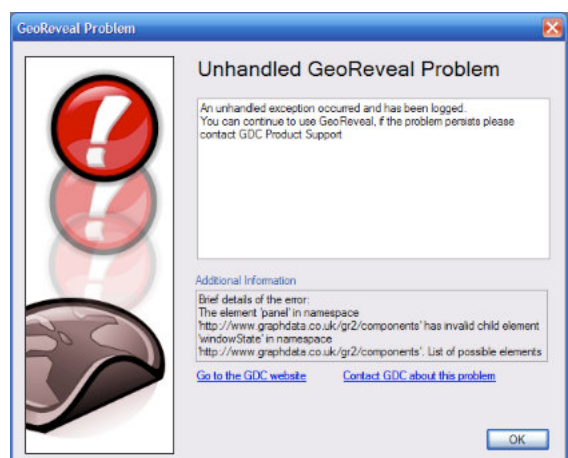
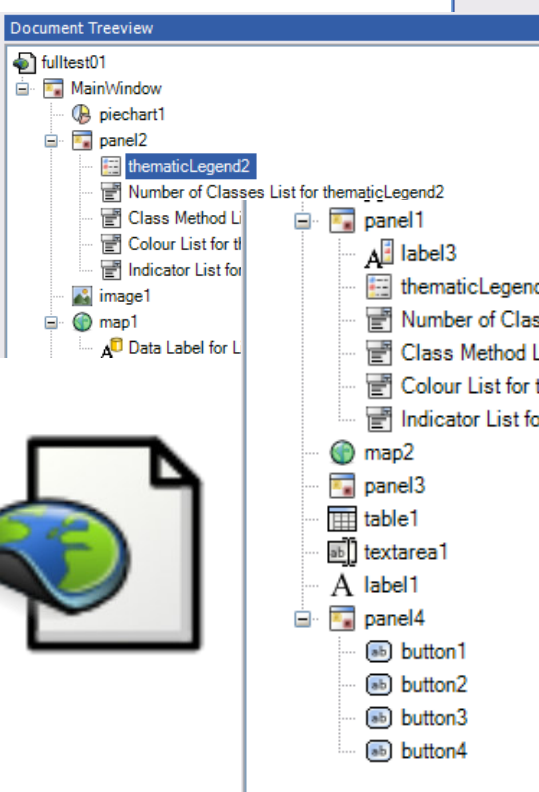
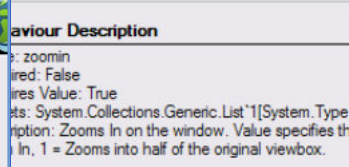
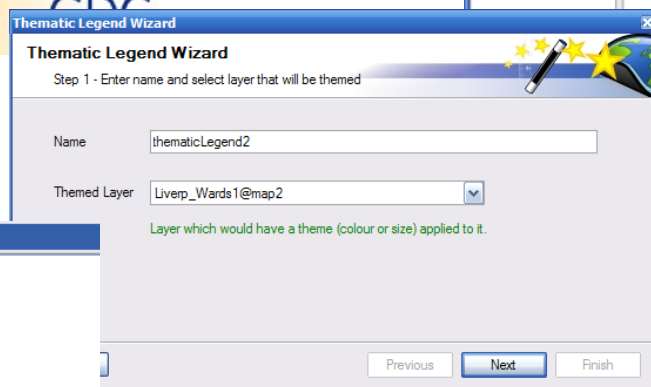
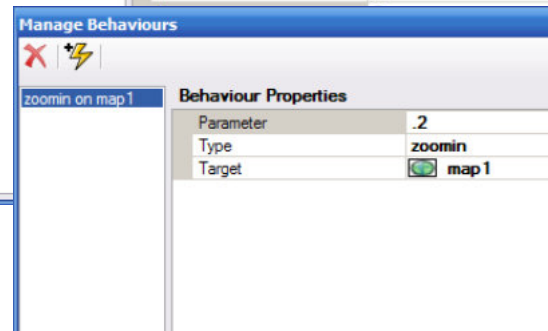
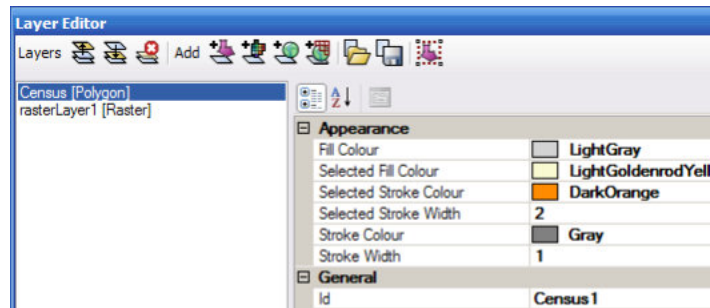


GeoReveal

.NET based map authoring system and data administration system

VB.NET WinForms application using AJAX and SVG

Role: Front to back engineer and designer



GeoReveal

.NET based map authoring system and data administration system

SVG based themes available to use in the application

Role: Front to back engineer and designer

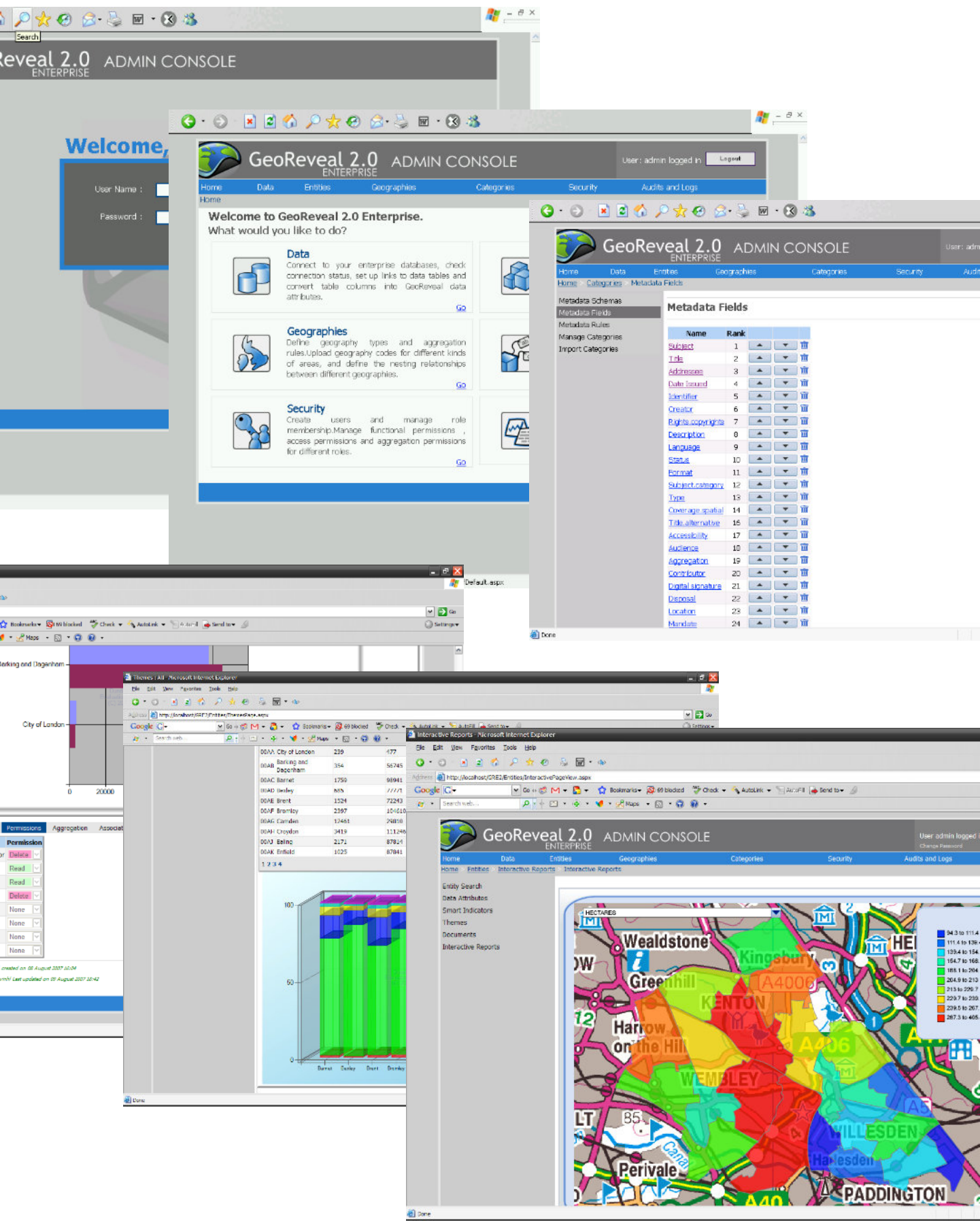


GeoReveal

.NET based map authoring system and data administration system

Administration Console in ASP.NET, C# and NHibernate

Role: Front to back engineer and designer



GeoReveal

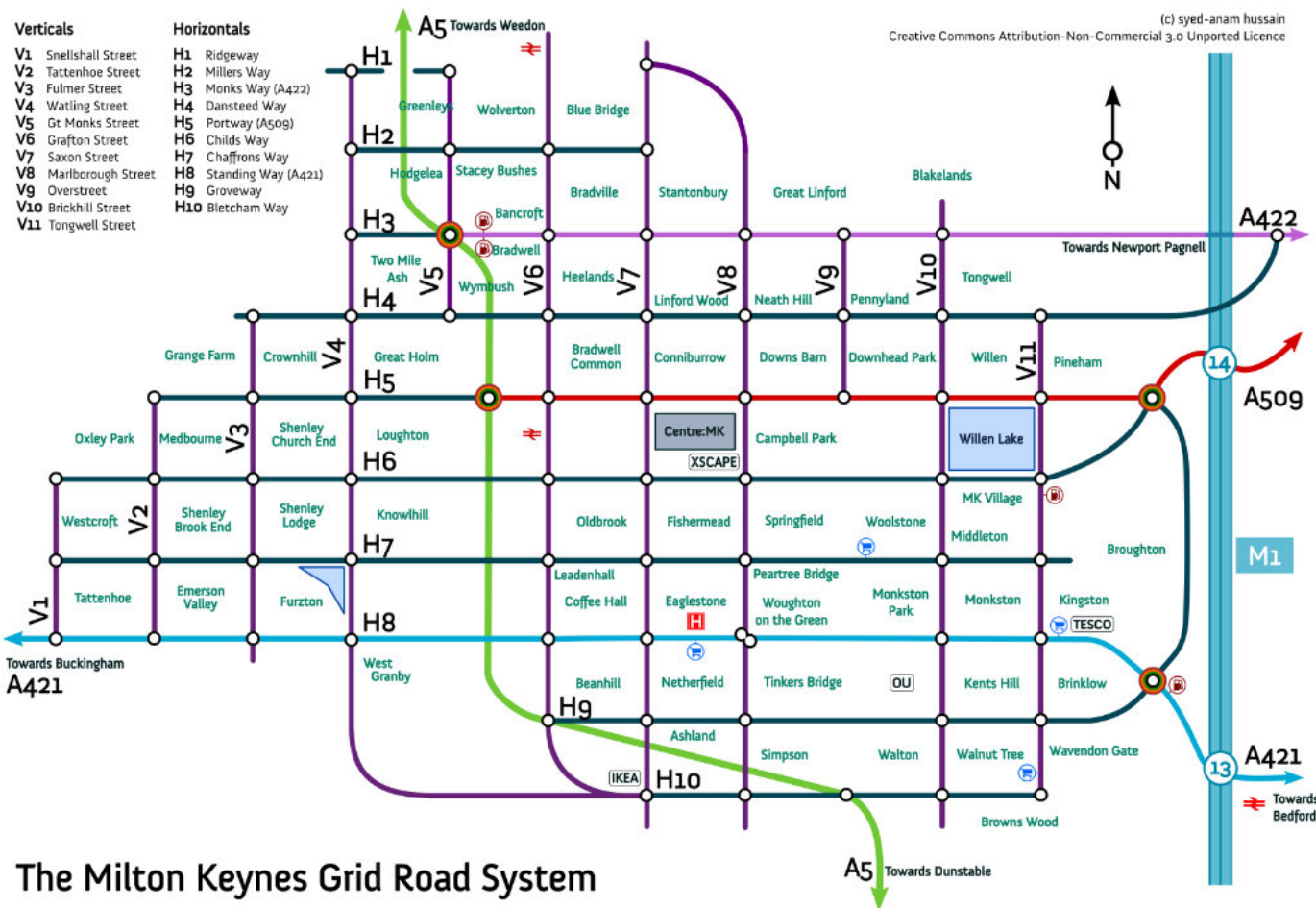
.NET based map authoring system and data administration system

Icons for landing pages in the administration console application
Role: Front to back engineer and designer



Miscellaneous graphics

Henry Beck (London Underground) inspired road map of Milton Keynes



Miscellaneous graphics

Internal photo competiton entry

Julian Opie inspired pictures of colleagues

Designed to fit the aspect ratio of the kitchen wall in the new GMG PSG Luton office

