



## CLACKMANNANSHIRE COUNCIL

- Mobile website
- Repackaged Android website



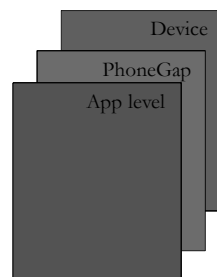
## AN OVERVIEW OF THE PROJECT

Hybrid application for mobile (Android/ iOS) and mobile web



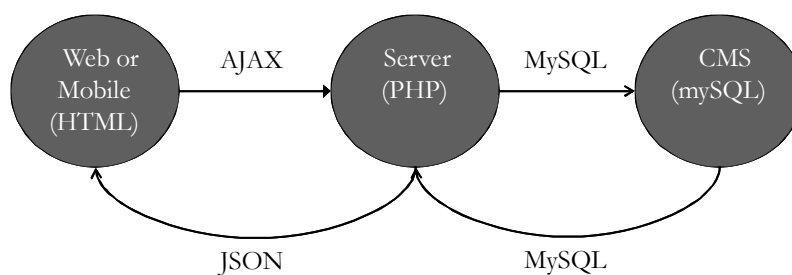
### WHY PHONEGAP?

- Combines HTML, JS and CSS
- Acts as a wrapper to allow the application to be run on multiple devices
- Allows application to still run on a web platform (with some functionality limitations)
- Acts as a bridge between web technologies and the device APIs

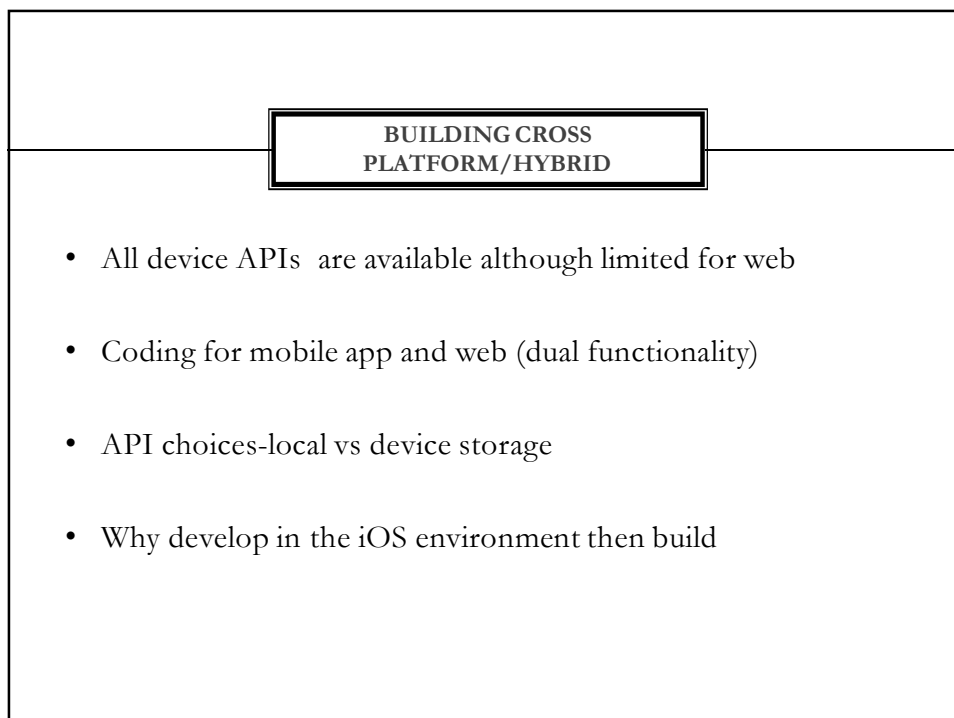
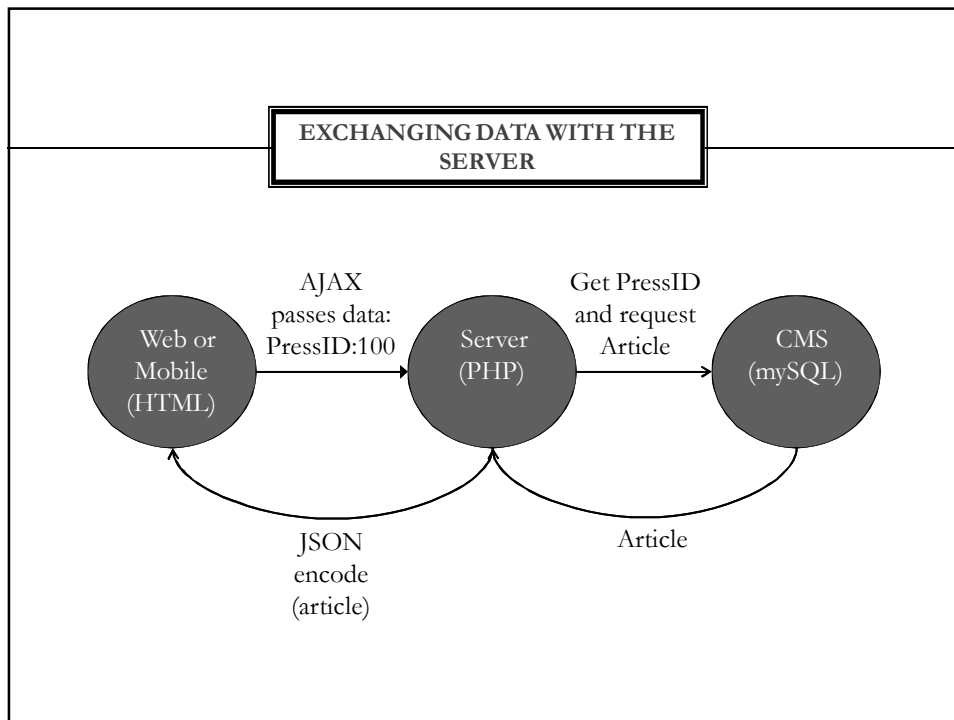


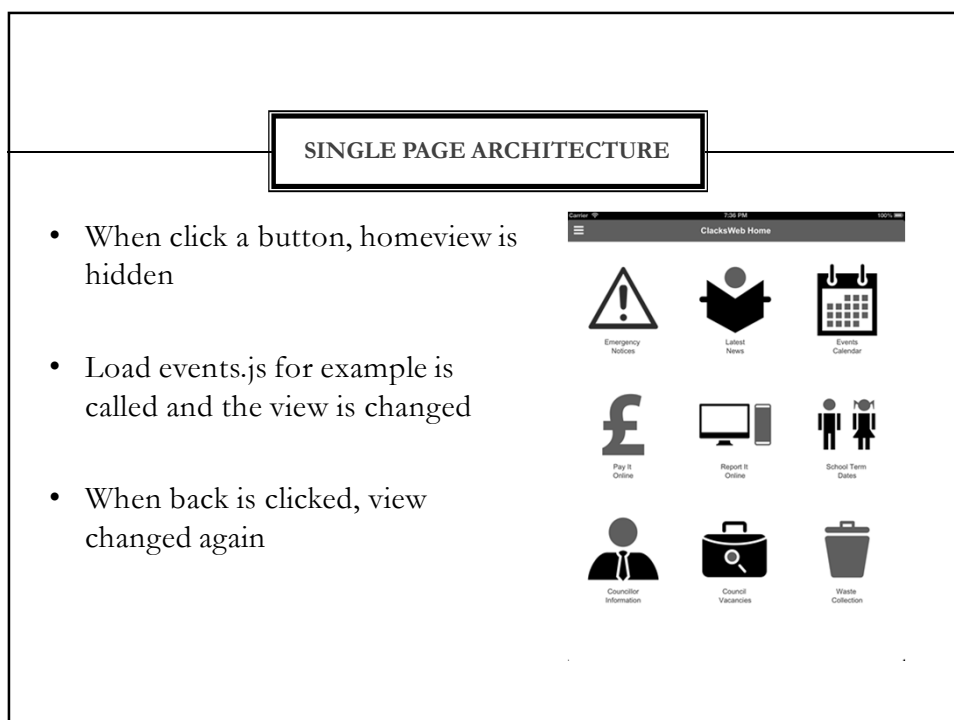
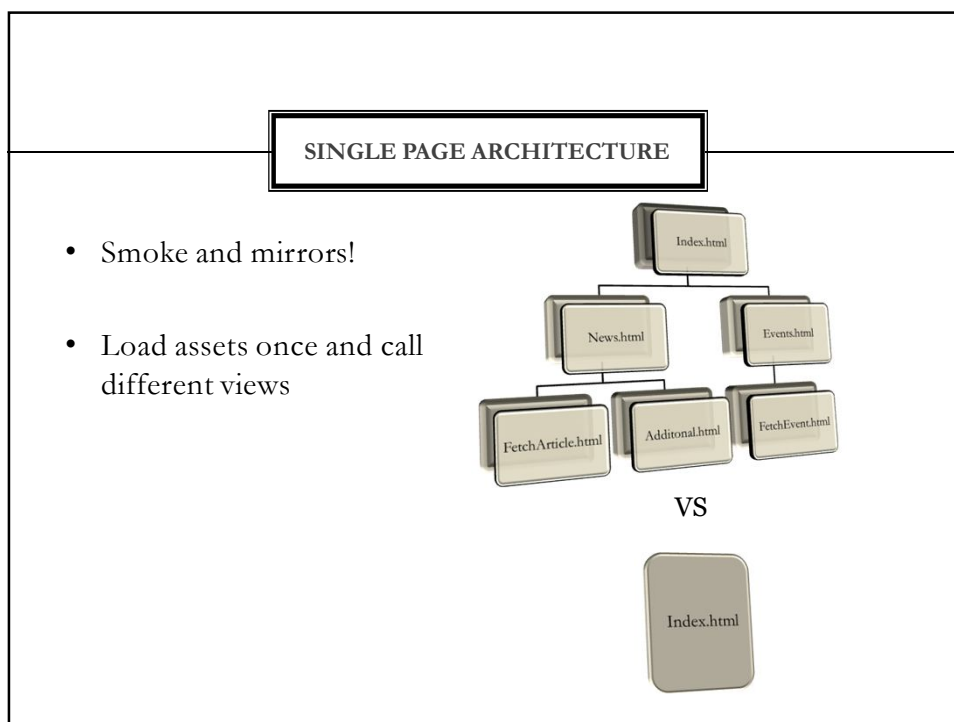
### MODIFYING THE ARCHITECTURE

Can't run PHP directly as not supported by PhoneGap



Request data via AJAX and receive data back using PHP JSON Encode

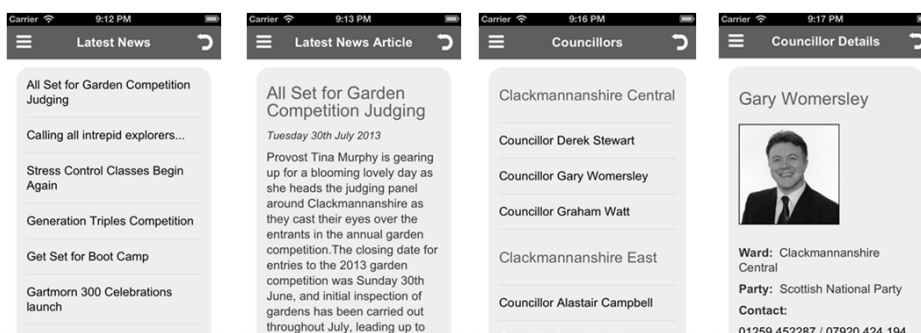




### ENCOUNTERED ISSUES!

- Setting up the development environment (keys!)
- Sending/receiving data to and from the server
- Multiple views
- Handling the data connection

### A BRIEF (STATIC) DEMO



A BRIEF (STATIC) DEMO

Carrier 9:19 PM  
Emergency Notices

Very Important Alert

The gas leak at blah blah blah has been repaired etc etc etc etc.

Notice updated on Tuesday 19th January 2038 at 3:14.

Carrier 9:20 PM  
Waste Collection

Bin Collection Days

Enter Your Post Code:

FK14 7EF **Alert**  
Please check the post code has been entered correctly  
OK

Carrier 9:22 PM  
Waste Collection

Bin Collection Days

Enter Your Post Code:

FK14 7EF Submit

Carrier 9:23 PM  
Waste Collection

Bin Collection Days

Your Blue bin day is **Tuesday**  
Your Green bin day is **Tuesday**  
Your Brown bin day is **Wednesday**  
Click to download your waste calendar