Interactive web computing Assignment 1 B00667170 Name: Kilian Drayne

Week 1

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| **Feature** | **Javascript** | **HTML** |
| Navigation Drop Down | $('nav li ul').hide().removeClass('dropdownItem');  $('nav li').hover(function () {  $('ul', this).stop().slideToggle(300);  });  //progressBar  $("li#brand").click(function() {  $("#bar").css("width", "20%");  });  $("li#about").click(function() {  $("#bar").css("width", "73%");    }); | <li>  <a href="#murals">Murals</a>  <ul class="dropdownItem">  <li><a href="#">Nationalist</a></li>  <li><a href="#">Unionist</a></li>  <li><a href="#">Other</a></li>  </ul>  </li> |
| Smooth Scrolling | $("a").on('click', function(event) {  // Prevent default anchor click behavior  event.preventDefault();    // Store hash  var hash = this.hash;  $('html, body').animate({  scrollTop: $(hash).offset().top  }, 800, function(){    // Add hash (#) to URL when done scrolling (default click behavior)  window.location.hash = hash;  });  }); | <nav>  <ul>  <li id="brand"><a href="#home">Belfast Street Art</a></li>  <li><a href="#contact">Contact</a></li>  <li>  <a href="#murals">Murals</a>  <ul class="dropdownItem">  <li><a href="#">Nationalist</a></li>  <li><a href="#">Unionist</a></li>  <li><a href="#">Other</a></li>  </ul>  </li>  <li>  <a href="#streetart">Street Art</a>  <ul class="dropdownItem">  <li><a href="#map">Map</a></li>  <li><a href="#top10">Top 10</a></li>  <li><a href="#artists">Artists</a></li>  </ul>  </li>  <li ><a href="#about">About</a></li>  </ul>  <div id="bar"></div>  </nav> |

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| Modal for Form | // Get the modal  var modal = document.getElementById('myModal');  // Get the <span> element that closes the modal  var span = document.getElementsByClassName("close")[0];  //show modal when button is clicked  $('#myBtn').click(function(){  $("#myModal").css("display", "block");  })  //When the user clicks on <span> (x), close the modal  span.onclick = function() {  $("#myModal").css("display", "none");  }  // When the user clicks anywhere outside of the modal, close it  $(window).click(function(event){  if (event.target == modal) {  $("#myModal").css("display", "none");  }  }) | <!-- Trigger/Open The Modal -->  <button id="myBtn">Sign Up</button>  <!-- The Modal -->  <div id="myModal" class="modal">  <!-- Modal content -->  <div class="modal-content">  <span class="close">&times;</span>  <div class="form">  <p class="error"></p>  First name: <input type="text" name="FirstName" id="FirstName"><br>  <p class="error"></p>  Last name: <input type="text" name="LastName" id="lastname"><br>  <p class="error"></p>  Email: <input type="text" name="Email" id="email"><br>  <p class="error"></p>  Confirm Email: <input type="text" name="Email" id="confirmEmail"><br>  <p class="error"></p>  Year of Birth: <input type="text" name="dob" id="dob"><br>  <input type="submit" value="Submit" id="submit">  </div>  </div>  </div> |
| Form Validation | $("#submit").click(function(){  var isFilled;  var emailsMatch;  var emailValid;  var yearValid;  //error messages  var erroryear = "Year must be a number";  var errorBlank = "This can not be left blank";  var errorEmailMatch = "Email does not match";  var errorEmail = "Email must contain '@'";    //check each input is not blank  $("input").each(function() {  var element = $(this);  if (element.val() == "") {  $( ".modal-content" ).prepend( "<p class='error' id='errorBlank'>All fields must be filled in</p>" );  isFilled = false;    return false; //break out of loop  }else {  $( "input" ).prev().empty(); //removes error message  $("p#errorBlank").empty();  isFilled = true;  }  });  //check emails match  var email = $("#email").val();  var confirmEmail = $("#confirmEmail").val();  if (email != confirmEmail){  $( "#confirmEmail" ).prev().append(errorEmailMatch);  emailsMatch = false;  }  else{  $( "#confirmEmail" ).prev().empty();  emailsMatch = true;  }  //check if email contains @ symbol  //indexOf returns the numeric index of '@'.  //Else it returns -1. So check if the value it has returned is greater than -1.  if ($('#email').val().indexOf('@') > -1) {  emailValid = true;  }else{  $( "#email" ).prev().append(errorEmail);  emailValid = false;  }  //check year of birth is numeric  if ($.isNumeric($('#dob').val())) {  yearValid = true;  }else{  $( "#dob" ).prev().append(erroryear);  yearValid = false;  }  if (emailValid == true && emailsMatch == true && isFilled == true && yearValid ==true){  $(".form").css("display", "none");  $( ".modal-content" ).append("<h2> You have succesfully signed up for the newsletter!</h2>");  }  }); | <div class="form">  <p class="error"></p>  First name: <input type="text" name="FirstName" id="FirstName"><br>  <p class="error"></p>  Last name: <input type="text" name="LastName" id="lastname"><br>  <p class="error"></p>  Email: <input type="text" name="Email" id="email"><br>  <p class="error"></p>  Confirm Email: <input type="text" name="Email" id="confirmEmail"><br>  <p class="error"></p>  Year of Birth: <input type="text" name="dob" id="dob"><br>  <input type="submit" value="Submit" id="submit">  </div> |
| Tabs | $('ul.tabs li').click(function(){  var tab\_id = $(this).attr('data-tab');  $('ul.tabs li').removeClass('current');  $('.tab-content').removeClass('current');  $(this).addClass('current');  $("#"+tab\_id).addClass('current');  }) | <ul class="tabs">  <li class="tab-link current" data-tab="tab-1">Nationalist</li>  <li class="tab-link" data-tab="tab-2">Loyalist</li>  <li class="tab-link" data-tab="tab-3">Other</li>  </ul>  <div id="tab-1" class="tab-content current">  <br>  <!-- source https://en.wikipedia.org/wiki/Murals\_in\_Northern\_Ireland -->  <img src="images/bsmural.jpg" alt="art1">  </div> |