```php
1   <?php
2
3
4   ini_set('display_startup_errors',1);
5   ini_set('display_errors',1);
6   error_reporting(-1);
7
8   //cheeky mysql connection
9
10          $connect = mysql_connect("dave-harrison.com","davidh_fyp","3202project");
11                  mysql_select_db("davidh_finalyearproject",$connect)
12
13                  or die ( "Failed to connect to the Database at Dave-Harrison.com");
14
15
16   // ------- EVALUATION DATA PROCESSING ----------
17
18   if ( (isset($_POST['identity'])) AND (isset($_POST['type'])) AND
19   (isset($_POST['reason'])) AND (isset($_POST['opinion']))) {
20
21       //sanitise and set variables
22
23          //evaluated tweet
24          $evaluated_tweet =
25          mysql_real_escape_string(strip_tags($_POST['evaluated_tweet']));
26
27
28
29          //predictions from the system
30          $predicted_identity =
31          mysql_real_escape_string(strip_tags($_POST['guess_identity']));
32          $predicted_type = mysql_real_escape_string(strip_tags($_POST['guess_type']));
33          $predicted_reason =
34          mysql_real_escape_string(strip_tags($_POST['guess_reason']));
35          $predicted_opinion =
36          mysql_real_escape_string(strip_tags($_POST['guess_opinion']));
37
38
39          //Correct or not?
40          $identity_eval = mysql_real_escape_string(strip_tags($_POST['identity']));
41          $type_eval = mysql_real_escape_string(strip_tags($_POST['type']));
42          $reason_eval = mysql_real_escape_string(strip_tags($_POST['reason']));
43          $opinion_eval = mysql_real_escape_string(strip_tags($_POST['opinion']));
44
45       //now just write it into a database
46
47
48
49       mysql_query("INSERT INTO evaluation (tweet_id, guessed_identity, identity_correct,
50       guessed_type, type_correct, guessed_reason, reason_correct, guessed_opinion,
51       opinion_correct)
52                          VALUES ('$evaluated_tweet', '$predicted_identity',
53                          '$identity_eval','$predicted_type','$type_eval','$
54                          predicted_reason','$reason_eval',
55                              '$predicted_opinion', '$opinion_eval')");
56
57
58
59
60       //and update the value for count_evaluated
61
62       $counter_get = mysql_query("SELECT count_evaluated FROM evaluation_set
63                          WHERE tweet_id = '$evaluated_tweet'");
64
65       $eval_counter_array = mysql_fetch_array($counter_get);
66
67       $eval_counter_new = 1+ $eval_counter_array['count_evaluated'];
68
69       mysql_query("UPDATE evaluation_set
```

```php
 70                         SET count_evaluated = '$eval_counter_new'
 71                         WHERE tweet_id = '$evaluated_tweet'");
 72
 73
 74        $success_message = "success";
 75
 76
 77
 78  } elseif  ( (isset($_POST['identity'])) OR (isset($_POST['type'])) OR
 79  (isset($_POST['reason'])) OR (isset($_POST['opinion']))) {
 80
 81        $success_message = "fail";
 82
 83
 84  } else {
 85        $success_message = "no-submit";
 86  }
 87
 88
 89
 90
 91
 92
 93
 94
 95
 96
 97
 98
 99
100
101
102
103
104
105
106
107
108  // ---------- END OF EVALUATION DATA PROCESSING ------------
109
110
111  // SET $sourcetweet to a tweet ID
112
113
114
115
116          $get_tweet_query = mysql_query("SELECT tweet_id, count_shown FROM evaluation_set
117                                  WHERE count_evaluated < 3
118                                  ORDER BY rand()
119                                  LIMIT 1;");
120
121
122
123          $source_array = mysql_fetch_array($get_tweet_query);
124
125          $sourceID = $source_array['tweet_id'];
126
127
128          echo $sourceID;
129
130              //NOW ADD ONE TO THE VALUE OF count_shown
131
132              $new_counter  = $source_array['count_shown'] + 1;
133              mysql_query("UPDATE evaluation_set
134                      SET count_shown = '$new_counter'
135                      WHERE tweet_id = '$sourceID';");
136
137
138
```

```php
139
140
141        // GET TWITTER JSON GOODNESS AND MAKE IT INTO A GOOD OLD FASHIONED PHP ARRAY
142        (because fuck your useful formats)
143
144
145
146
147
148  /*ini_set('display_startup_errors',1);
149  ini_set('display_errors',1);
150  error_reporting(-1);*/
151
152
153
154          require_once('twitter-api-php/TwitterAPIExchange.php');
155
156          /** Set access tokens here - see: https://dev.twitter.com/apps/ **/
157          $settings = array(
158              'oauth_access_token' =>
159              "84134508-P5WR0fkKp1B5FHcliwiirg72n7fOwDHnSMaznU9qn",
160              'oauth_access_token_secret' =>
161              "1CcsMTzG2rPqZxQMTbOrUDrxk3eF5ezrZ2g65dbJSC2rB",
162              'consumer_key' => "yDKHHWELhD7Etq9fswW4A",
163              'consumer_secret' => "LcFajFCidrmO3AgSAdTjzDccYQe3nulMbvsb1OLVk"
164          );
165
166          /** URL for REST request, see: https://dev.twitter.com/docs/api/1.1/ **/
167          $url = 'https://api.twitter.com/1.1/statuses/show.json';
168          $getfield='?id='.$sourceID.'&trim_user=FALSE';
169          $requestMethod = 'GET';
170          $twitter = new TwitterAPIExchange($settings);
171
172
173          $twitterJSON = $twitter->setGetfield($getfield)
174                      ->buildOauth($url, $requestMethod)
175                      ->performRequest();
176
177
178          //array of tweet data
179          $twitterARRAY = json_decode($twitterJSON, TRUE);
180
181          //array of user data (ignore the ridiculous decoding and encoding party - it
182          works!!)
183          $userData = json_decode(json_encode($twitterARRAY['user']),TRUE);
184
185
186
187      //BREAK THE TEXT FROM THE TWEET INTO AN ARRAY OF WORDS
188
189       $tokenised =
190       str_replace(array("/","!",".",",",";","-",")","(","[","]",":","#","@","'","\""), "
191       ", $twitterARRAY['text']);
192       $text_array = explode(" ", $tokenised);
193
194       //Define the variables for scoring it (they start at Zero)
195
196      $score_id_ind_nonceleb =0; //identity
197      $score_id_ind_celeb = 0;
198      $score_id_group_specialinterest = 0;
199      $score_id_group_other = 0;
200      $score_id_org_business = 0;
201      $score_id_org_academic = 0;
202      $score_id_org_charity = 0;
203      $score_id_org_other = 0;
204      $score_id_org_team = 0;
205
206      $score_tt_personal = 0; // tweet type
207      $score_tt_professional = 0;
```

```php
208
209     $score_tr_event =0; // tweet reason
210     $score_tr_promote =0;
211     $score_tr_conversation=0;
212     $score_tr_joke = 0;
213     $score_tr_other =0;
214
215     $score_op_good = 0; //tweet opinion
216     $score_op_neutral = 0;
217     $score_op_bad = 0;
218     $score_op_none =0;
219
220
221     //go through and give it a score based on word occurrence
222
223
224         //Total Number of values for each of the IDENTITIES
225
226         $identities_array = array("Individual (Celebrity)","Individual (Not Celebrity)",
227         "Group (Special Interest)", "Group (Other)", "Organisation (Business)",
228         "Organisation (Charity)","Organisation (Other)","Organisation (Team)",
229         "Organisation (Academic)");
230
231
232             // for each identity in the array, create an array
233
234             $total_count_identity_array = array();
235
236             foreach ($identities_array as $identity_key){
237
238                         $sql=   "SELECT
239                                     COUNT(tokenised LIKE CONCAT(\"% \",word,\"%
240                                     \")) as 'count'
241                                 FROM
242                                     words_followed, classifying, tweets
243
244                                 WHERE
245                                     FollowedUser = 1
246                                     AND tweets.tweet_id = classifying.tweet_id
247                                     AND (tokenised LIKE CONCAT(\"% \",word,\" %\"))
248                                     AND identity = '$identity_key'";
249
250                         $sqlarray = mysql_fetch_array(mysql_query($sql));
251
252
253                 $total_count_identity_array[$identity_key] = $sqlarray['count'];
254
255                 // echo $total_count_array['Individual (Not Celebrity)']; << this is
256                 the bit that i'm dividing by!!!!!
257
258                 // now has a two dimensional array ($total_count_array), keys are
259                 listed in $identities_array, values are the total word counts for
260                 those values
261             }
262
263         foreach($text_array as $lookup_term){   //LOOP TO GET AND THEN ASSIGN SCORES
264         TO THE IDENTITIES
265
266                         foreach ($identities_array as $identity_key){
267
268
269                         $sql=   "SELECT
270                                     COUNT(tokenised LIKE CONCAT(\"% \",word,\"%
271                                     \")) as 'count'
272                                 FROM
273                                     words_followed, classifying, tweets
274
275                                 WHERE
276                                     FollowedUser = 1
```

```php
277                                    AND tweets.tweet_id = classifying.tweet_id
278                                    AND (tokenised LIKE CONCAT(\"% \",word,\" %\"))
279                                    AND identity = '$identity_key'
280                                    AND word = '$lookup_term'";
281
282                        $sqlarray = mysql_fetch_array(mysql_query($sql));
283
284                        $word_count_identity_array[$identity_key] =
285                        $sqlarray['count'];
286
287                        if ($total_count_identity_array[$identity_key] > 0){
288                            //echo "Idenity: ".$identity_key." Lookup Term:
289                            ".$lookup_term;
290
291                                if ($identity_key == "Individual (Not Celebrity)"){
292                                    $score_id_ind_nonceleb = $score_id_ind_nonceleb
293                                    + ($word_count_identity_array[$identity_key] /
294                                    $total_count_identity_array[$identity_key]);
295                                }
296                                elseif ($identity_key == "Individual (Celebrity)"){
297                                    $score_id_ind_celeb = $score_id_ind_celeb +
298                                    ($word_count_identity_array[$identity_key] /
299                                    $total_count_identity_array[$identity_key]);
300                                }
301                                elseif ($identity_key == "Group (Special
302                                Interest)"){
303                                    $score_id_group_specialinterest =
304                                    $score_id_group_specialinterest +
305                                    ($word_count_identity_array[$identity_key] /
306                                    $total_count_identity_array[$identity_key]);
307                                }
308                                elseif ($identity_key == "Group (Other)"){
309                                    $score_id_group_other = $score_id_group_other +
310                                    ($word_count_identity_array[$identity_key] /
311                                    $total_count_identity_array[$identity_key]);
312                                }
313                                elseif ($identity_key == "Organisation (Business)"){
314                                    $score_id_org_business = $score_id_org_business
315                                    + ($word_count_identity_array[$identity_key] /
316                                    $total_count_identity_array[$identity_key]);
317                                }
318                                elseif ($identity_key == "Organisation (Academic)"){
319                                    $score_id_org_academic = $score_id_org_academic
320                                    + ($word_count_identity_array[$identity_key] /
321                                    $total_count_identity_array[$identity_key]);
322                                }
323                                elseif ($identity_key == "Organisation (Charity)"){
324                                    $score_id_org_charity = $score_id_org_charity +
325                                    ($word_count_identity_array[$identity_key] /
326                                    $total_count_identity_array[$identity_key]);
327                                }
328                                elseif ($identity_key == "Organisation (Other)"){
329                                    $score_id_org_other = $score_id_org_other +
330                                    ($word_count_identity_array[$identity_key] /
331                                    $total_count_identity_array[$identity_key]);
332                                }
333                                elseif ($identity_key == "Organisation (Team)"){
334                                    $score_id_org_team = $score_id_org_team +
335                                    ($word_count_identity_array[$identity_key] /
336                                    $total_count_identity_array[$identity_key]);
337                                }
338
339                        }
340
341
342
343
344                    }
345            //echo serialize($word_count_array)."<br><hr><br>";
```

```php
346
347                    }
348
349
350        $tweet_types_array = array("Personal","Professional");
351
352
353        foreach($tweet_types_array as $type_key){
354
355                            $sql=    "SELECT
356                                          COUNT(tokenised LIKE CONCAT(\"% \",word,\"%
357                                          \")) as 'count'
358                                     FROM
359                                         words_followed, classifying, tweets
360
361                                     WHERE
362                                         FollowedUser = 1
363                                         AND tweets.tweet_id = classifying.tweet_id
364                                         AND (tokenised LIKE CONCAT(\"% \",word,\" %\"))
365                                         AND tweet_type = '$type_key'";
366
367                        $sqlarray = mysql_fetch_array(mysql_query($sql));
368
369                  $total_count_type_array[$type_key] = $sqlarray['count'];
370
371                  //has created an array with tweet type and the counts
372        }
373
374
375        foreach($text_array as $lookup_term){ //LOOP TO GET AND THEN ASSIGN SCORES TO THE
376        TWEET TYPES
377
378                            foreach ($tweet_types_array as $type_key){
379
380
381                            $sql=    "SELECT
382                                          COUNT(tokenised LIKE CONCAT(\"% \",word,\"%
383                                          \")) as 'count'
384                                     FROM
385                                         words_followed, classifying, tweets
386
387                                     WHERE
388                                         FollowedUser = 1
389                                         AND tweets.tweet_id = classifying.tweet_id
390                                         AND (tokenised LIKE CONCAT(\"% \",word,\" %\"))
391                                         AND tweet_type = '$type_key'
392                                         AND word = '$lookup_term'";
393
394                        $sqlarray = mysql_fetch_array(mysql_query($sql));
395
396                        $word_count_type_array[$type_key] = $sqlarray['count'];
397
398                        if ($total_count_type_array[$type_key] > 0){
399                            //echo "Idenity: ".$identity_key." Lookup Term:
400                            ".$lookup_term;
401
402                                if ($type_key == "Personal"){
403                                    $score_tt_personal = $score_tt_personal +
404                                    ($word_count_type_array[$type_key] /
405                                    $total_count_type_array[$type_key]);
406                                }
407                                elseif ($type_key == "Professional"){
408                                    $score_tt_professional = $score_tt_professional
409                                    + ($word_count_type_array[$type_key] /
410                                    $total_count_type_array[$type_key]);
411                                }
412
413
414                            }
```

```php
415
416
417
418                            }
419
420                   }
421
422        $tweet_reason_array = array("Event","Conversation","Joke","Other","Promote");
423
424            foreach($tweet_reason_array as $reason_key){
425
426                        $sql=    "SELECT
427                                    COUNT(tokenised LIKE CONCAT(\"% \",word,\"%
428                                    \")) as 'count'
429                                 FROM
430                                    words_followed, classifying, tweets
431
432                                 WHERE
433                                    TeachingGroup = 1
434                                    AND tweets.tweet_id = classifying.tweet_id
435                                    AND (tokenised LIKE CONCAT(\"% \",word,\" %\"))
436                                    AND reason = '$reason_key'";
437                                    //TeachingGroup = 1 in here because we cannot
438                                    assume all tweets for the same reason.
439
440                        $sqlarray = mysql_fetch_array(mysql_query($sql));
441
442                   $total_count_reason_array[$reason_key] = $sqlarray['count'];
443
444                //has created an array with tweet reason and the counts
445        }
446
447
448        foreach($text_array as $lookup_term){ //LOOP TO GET AND THEN ASSIGN SCORES TO
449        THE REASON
450
451                        foreach ($tweet_reason_array as $reason_key){
452
453
454                        $sql=    "SELECT
455                                    COUNT(tokenised LIKE CONCAT(\"% \",word,\"%
456                                    \")) as 'count'
457                                 FROM
458                                    words_followed, classifying, tweets
459
460                                 WHERE
461                                    TeachingGroup = 1
462                                    AND tweets.tweet_id = classifying.tweet_id
463                                    AND (tokenised LIKE CONCAT(\"% \",word,\" %\"))
464                                    AND reason = '$reason_key'
465                                    AND word = '$lookup_term'";
466
467                        $sqlarray = mysql_fetch_array(mysql_query($sql));
468
469                        $word_count_reason_array[$reason_key] = $sqlarray['count'];
470
471                        if ($total_count_reason_array[$reason_key] > 0){
472
473                            if ($reason_key == "Event"){
474                                $score_tr_event = $score_tr_conversation +
475                                ($word_count_reason_array[$reason_key] /
476                                $total_count_reason_array[$reason_key]);
477                            }
478                            elseif ($reason_key == "Conversation"){
479                                $score_tr_conversation = $score_tr_conversation
480                                + ($word_count_reason_array[$reason_key] /
481                                $total_count_reason_array[$reason_key]);
482                            }
483                            elseif ($reason_key == "Joke"){
```

```php
484                                     $score_tr_joke = $score_tr_joke +
485                                     ($word_count_reason_array[$reason_key] /
486                                     $total_count_reason_array[$reason_key]);
487                                 }
488                                 elseif ($reason_key == "Promote"){
489                                     $score_tr_promote = $score_tr_promote +
490                                     ($word_count_reason_array[$reason_key] /
491                                     $total_count_reason_array[$reason_key]);
492                                 }
493                                 elseif ($reason_key == "Other"){
494                                     $score_tr_other = $score_tr_other +
495                                     ($word_count_reason_array[$reason_key] /
496                                     $total_count_reason_array[$reason_key]);
497                                 }
498
499
500
501                         }
502
503
504
505                 }
506
507         }
508
509     $opinions_array = array("Positive","Negative","Neutral","None");
510
511
512     foreach($opinions_array as $opinion_key){
513
514                         $sql=   "SELECT
515                             COUNT(tokenised LIKE CONCAT(\"% \",word,\"%
516                             \")) as 'count'
517                         FROM
518                             words_followed, classifying, tweets
519
520                         WHERE
521                             TeachingGroup = 1
522                             AND tweets.tweet_id = classifying.tweet_id
523                             AND (tokenised LIKE CONCAT(\"% \",word,\" %\"))
524                             AND opinion = '$opinion_key'";
525                             //TeachingGroup = 1 in here because we cannot
526                             assume all tweets for the same reason.
527
528                         $sqlarray = mysql_fetch_array(mysql_query($sql));
529
530                 $total_count_opinion_array[$opinion_key] = $sqlarray['count'];
531
532                 //has created an array with tweet reason and the counts
533     }
534
535     foreach($text_array as $lookup_term){ //LOOP TO GET AND THEN ASSIGN SCORES TO THE
536     REASON
537
538                         foreach ($opinions_array as $opinion_key){
539
540
541                         $sql=   "SELECT
542                             COUNT(tokenised LIKE CONCAT(\"% \",word,\"%
543                             \")) as 'count'
544                         FROM
545                             words_followed, classifying, tweets
546
547                         WHERE
548                             TeachingGroup = 1
549                             AND tweets.tweet_id = classifying.tweet_id
550                             AND (tokenised LIKE CONCAT(\"% \",word,\" %\"))
551                             AND opinion = '$opinion_key'
552                             AND word = '$lookup_term'";
```

```php
553
554                              $sqlarray = mysql_fetch_array(mysql_query($sql));
555
556                              $word_count_opinion_array[$opinion_key] =
557                              $sqlarray['count'];
558
559                              if ($total_count_opinion_array[$opinion_key] > 0){
560
561                                      if ($opinion_key == "Positive"){
562                                          $score_op_good = $score_op_good +
563                                          ($word_count_opinion_array[$opinion_key] /
564                                          $total_count_opinion_array[$opinion_key]);
565                                      }
566                                      elseif ($opinion_key == "Negative"){
567                                          $score_op_bad = $score_op_bad +
568                                          ($word_count_opinion_array[$opinion_key] /
569                                          $total_count_opinion_array[$opinion_key]);
570                                      }
571                                      elseif ($opinion_key == "Neutral"){
572                                          $score_op_neutral = $score_op_neutral +
573                                          ($word_count_opinion_array[$opinion_key] /
574                                          $total_count_opinion_array[$opinion_key]);
575                                      }
576                                      elseif ($opinion_key == "None"){
577                                          $score_op_none = $score_op_none +
578                                          ($word_count_opinion_array[$opinion_key] /
579                                          $total_count_opinion_array[$opinion_key]);
580                                      }
581
582                              }
583
584
585
586                      }
587
588              }
589
590
591
592
593          $identity_scores = array("Individual (Not Celebrity)"
594          =>$score_id_ind_nonceleb,
595              "Individual (Celebrity)" => $score_id_ind_celeb,
596              "Group (Special Interest)" => $score_id_group_specialinterest,
597              "Group (Other)" => $score_id_group_other,
598              "Organisation (Business)" => $score_id_org_business,
599              "Organisation (Academic)" => $score_id_org_academic,
600              "Organisation (Charity)" => $score_id_org_charity,
601              "Organisation (Team)" => $score_id_org_team,
602              "Organisation (Other)" => $score_id_org_other);
603
604          $tweet_type_scores = array("Personal" =>$score_tt_personal,
605                                  "Professional" => $score_tt_professional);
606
607          $tweet_reason_scores = array("To describe an event" => $score_tr_event,
608                                  "To promote something" => $score_tr_promote,
609                                  "As part of a Conversation" =>
610                                  $score_tr_conversation,
611                                  "Telling a joke" => $score_tr_joke,
612                                  "Other" => $score_tr_other);
613
614          $opinion_scores = array("Positive" => $score_op_good,
615                                  "Negative" => $score_op_bad,
616                                  "Neutral" => $score_op_neutral,
617                                  "None" => $score_op_none);
618
619
620
621
```

```php
622  ?>
623
624
625  <html>
626  <head>
627          <title>Classifying Tweets - David Harrison</title>
628
629            <!-- Bootstrap -->
630             <link href="css/bootstrap.min.css" rel="stylesheet">
631
632
633
634            <!-- Form JS -->
635
636      <script src="http://code.jquery.com/jquery-1.9.0.js"></script>
637      <script src="js/bootstrap.js"></script>
638  </head>
639  <body>
640  <div class="container" >
641  <h1>Classifying Tweets</h1>
642  <p class="lead">A tool to automatically <em>guess</em> the meaning of a tweet.</p>
643  <p class="small"><a href="testing.php">Reload Page</a></p>
644  <hr>
645
646  <? if ($success_message == "success"){
647      ?> <div class="alert alert-success"><strong>Thanks for your submission!
648      </strong>Here's another, have a go at as many as you like...</div> <?
649
650
651  } elseif ($success_message == "fail") {
652
653      ?> <div class="alert alert-danger"><strong>Oops!</strong> It looks like one or more
654      of the checkboxes weren't filled out. Have a go at this tweet...</div> <?
655
656
657  } else{
658      //do nothing
659  }
660
661  ?>
662
663
664
665
666      <h3>This tweet:</h3>
667
668
669
670
671
672                  <blockquote align="center" class="twitter-tweet" lang="en"><p><? echo
673                  $twitterARRAY['text']; ?></p>&mdash; <? echo $userData['name']; ?>  (@<?
674                  echo $userData['screen_name']; ?>) <a href="https://twitter.com/<?php
675                  echo $userData['screen_name'];?>/statuses/<? echo $sourceID;
676                  ?>">February 7, 2014</a></blockquote>
677      <script async src="//platform.twitter.com/widgets.js" charset="utf-8"></script>
678  <form action="testing.php" method="POST">
679  <h3>...is best described with the following characteristics?</h3>
680  <p class="text-small text-muted">For each of the following, select whether you think it
681  is correct or not.</p>
682      <div class = "row">
683          <div class = "col-md-4" id = "IdentityResults">
684              <h4>Identity</h4>
685              <p class="text-muted">This tweet was probably posted by the following
686              classification: </p>
687              <h5 class="text-success"><? echo
688              array_search(max($identity_scores),$identity_scores); ?></h5>
689              <div class ="radio col-md-offset-1">
690                  <input type="radio" name="identity" id="id_correct" value="correct">
```

```
691                    <label>Correct</label>
692                </div>
693            <div class ="radio col-md-offset-1">
694                <input type="radio" name="identity" id="id_wrong" value="wrong">
695                <label>Not Correct</label>
696            </div>
697        </div>
698
699        <div class = "col-md-4" id = "Tweet-TypeResults">
700        <h4>Tweet Type</h4>
701            <p class="text-muted">This tweet was probably posted by the following
702            classification: </p>
703            <h5 class="text-success"><? echo
704            array_search(max($tweet_type_scores),$tweet_type_scores); ?></h5>
705            <div class ="radio col-md-offset-1">
706                <input type="radio" name="type" id="type_correct" value="correct">
707                <label>Correct</label>
708            </div>
709            <div class ="radio col-md-offset-1">
710                <input type="radio" name="type" id="type_wrong" value="wrong">
711                <label>Not Correct</label>
712            </div>
713
714        </div>
715
716        <div class = "col-md-4" id = "Reason-Results">
717        <h4>Tweet Reason</h4>
718            <p class="text-muted">This tweet was probably posted for the following
719            reason: </p>
720            <h5 class="text-success"><? echo
721            array_search(max($tweet_reason_scores),$tweet_reason_scores); ?></h5>
722                <div class ="radio col-md-offset-1">
723                <input type="radio" name="reason" id="reason_correct" value="correct">
724                <label>Correct</label>
725            </div>
726            <div class ="radio col-md-offset-1">
727                <input type="radio" name="reason" id="reason_wrong" value="wrong">
728                <label>Not Correct</label>
729            </div>
730            <div class ="radio col-md-offset-1">
731                <input type="radio" name="reason" id="reason_unsure" value="unsure">
732                <label>Uncertain / Not Applicable</label>
733            </div>
734            <p class="text-muted">It probably expresses the following opinion (if
735            any):</p>
736            <h5 class="text-success"><? echo
737            array_search(max($opinion_scores),$opinion_scores); ?></h5>
738                <div class ="radio col-md-offset-1">
739                <input type="radio" name="opinion" id="opinion_correct" value="correct">
740                <label>Correct</label>
741            </div>
742            <div class ="radio col-md-offset-1">
743                <input type="radio" name="opinion" id="opinion_wrong" value="wrong">
744                <label>Not Correct</label>
745            </div>
746
747        </div>
748        <? // CREATE HIDDEN FORM ITEMS TO CARRY FORWARDS THE GUESSES ?>
749
750
751    <input name="evaluated_tweet" type="hidden" value="<? echo $sourceID; ?>">
752
753    <input name="guess_identity" type="hidden" value="<? echo
754    array_search(max($identity_scores),$identity_scores);?>">
755    <input name="guess_type" type="hidden" value="<? echo
756    array_search(max($tweet_type_scores),$tweet_type_scores);?>">
757    <input name="guess_reason" type="hidden" value="<? echo
758    array_search(max($tweet_reason_scores),$tweet_reason_scores);?>">
759    <input name="guess_opinion" type="hidden" value="<? echo
```

```
760        array_search(max($opinion_scores),$opinion_scores);?>">
761
762            <button type="submit" class="btn btn-primary">Submit</button>
763
764        </div></form>
765
766
767
768
769
770 <hr>
771
772 <div class="row">
773     <h4>This prediction is based on the following scores</h4>
774     <p class="text-small text-muted">These are only printed here for reference - feel
775     free to ignore them!</p>
776         <div class = "col-md-4">
777         <h5>Identity</h5>
778             <table class="table table-bordered table-condensed text-small">
779             <?
780             foreach($identity_scores as $label => $value){
781                 if($value == max($identity_scores)){
782                     echo "<tr class=\"success\">";
783                     echo
784                     "<strong><td>".$label."</td><td>".round($value,4)."</td></strong>";
785                     echo "</tr>";
786                 }
787                 else{
788                     echo "<tr>";
789                     echo "<td>".$label."</td><td>".round($value,4)."</td>";
790                     echo "</tr>";
791                 }
792             }
793
794             ?>
795             </table>
796         </div>
797
798         <div class = "col-md-4">
799         <h5>Tweet Type</h5>
800             <table class="table table-bordered table-condensed text-small">
801             <?
802             foreach($tweet_type_scores as $label => $value){
803                 if($value == max($tweet_type_scores)){
804                     echo "<tr class=\"success\">";
805                     echo
806                     "<strong><td>".$label."</td><td>".round($value,4)."</td></strong>";
807                     echo "</tr>";
808                 }
809                 else{
810                     echo "<tr>";
811                     echo "<td>".$label."</td><td>".round($value,4)."</td>";
812                     echo "</tr>";
813                 }
814             }
815
816             ?>
817             </table>
818         </div>
819
820         <div class = "col-md-4">
821         <h5>Tweet Reason</h5>
822             <table class="table table-bordered table-condensed text-small">
823             <?
824             foreach($tweet_reason_scores as $label => $value){
825                 if($value == max($tweet_reason_scores)){
826                     echo "<tr class=\"success\">";
827                     echo
828                     "<strong><td>".$label."</td><td>".round($value,4)."</td></strong>";
```

```php
829                    echo "</tr>";
830                }
831                else{
832                    echo "<tr>";
833                    echo "<td>".$label."</td><td>".round($value,4)."</td>";
834                    echo "</tr>";
835                }
836            }

838            ?>
839            </table>
840            <hr>
841        <h5>Opinion</h5>
842            <table class="table table-bordered table-condensed text-small">
843            <?
844            foreach($opinion_scores as $label => $value){
845                if($value == max($opinion_scores)){
846                    echo "<tr class=\"success\">";
847                    echo
848                    "<strong><td>".$label."</td><td>".round($value,4)."</td></strong>";
849                    echo "</tr>";
850                }
851                else{
852                    echo "<tr>";
853                    echo "<td>".$label."</td><td>".round($value,4)."</td>";
854                    echo "</tr>";
855                }
856            }

858            ?>
859            </table>
860        </div>

867        </div>

869    </div> <!-- end of page container -->
870    </body>
871    </html>
```