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CS494 Final Project

For my final project I implemented a page that allows a user to select their favorite country. Once selected, the page shows an iframe with all of the group stage matches (the first three guaranteed World Cup matches that every qualifying nation will play). The user's selected country is then stored in the database so that if they logout and come back, their favorite countries games will still be displayed. Beyond the scope of this class, I implemented a feature at the bottom of the page that uses reverse geolocation to output which country the user is currently in. This is done using the Google Maps API for geolocation. When a button is hit, the site will output whether or not the user is in a country that will be playing in the world cup. For a non-soccer fan that may be globe-trotting this summer, it could be a cool feature to see why the locals are excited or despondent in mid-June/July. I also implemented client side form validation on my login and create account pages using the jQuery plugin from formvalidator.net. This plugin has some very cool features that help make your site more secure and user friendly.

Ajax Code Example:

Here is a snippet of code from my login page showing the ajax call when testing to see if the user has entered a valid username and password combination:

```
<script>
$("#logID").submit(function(event){
      event.preventDefault();
      $.post(
            "loginServer.php",
            $("#logID").serialize(),
            function(data){
                  if(data === 'validCred')
                        window.location.href = 'finalSite.php';
                  else {
                        document.getElementById('output').innerHTML = data;
                        document.getElementById('logID').reset();
                  }
            }
      );
});
</script>
```

I used the simplified jQuery.post() call for slightly shorter code. I used prepared statements in my php code to further limit the risk of SQL injection.