Parking Panda Programming Test

Problem 1

1. Create an account on http://dev.parkingpanda.com (If there is a authentication wall on the development site, use username dev2, password devpanda! to access the site)
2. Create a web application that allows someone to log in using their Parking Panda credentials (Email and password).
3. Once they are logged in show all of their information available from the Parking Panda API.
4. Let them change their information and save it via the API.
5. Also let them cancel their changes before hitting save and allow for them to log out.

Reference:
http://dev.parkingpanda.com/api/v2/Help/Api/GET-Users_authType_includeCreditCards
http://dev.parkingpanda.com/api/v2/Help/Api/PUT-users-id

Notes:
Ideally we would like you to use ASP.NET Web Forms and C# for the web application, but you may use a different web framework if you do not have experience with ASP.NET or C#. If you have no prior experience with ASP.NET or C#, you will get bonus points if you complete the test using ASP.NET and C#.

The base API endpoint is http://dev.parkingpanda.com/api/v2/. The reference links above provide relative URLs based on that endpoint.

For the login (GET call), you can ignore the authType and includeCreditCards parameters. You can also ignore the "creditCards" and "promotionOptIns" fields in the response. You do not need to handle the display of these fields.

Please provide proper error checking and feel free to show off your JS and CSS skills.

Basic authentication will be needed to be used on every request.

After the initial login, never pass in the user's real password, instead pass in the "apiPassword" that is returned back from the API for authentication.

JSON is the preferred data method for communicating with the Parking Panda API.

Problem 2

1. Display every week day in HTML (Monday, Tuesday, Wednesday, Thursday, Friday, Saturday and Sunday), with some way to select one or many days of the week.
2. Let the user select a start date and end date.

3. Have a checkbox that forces the end date to end at the end of the month.
4. Display all of the dates that match the pattern from the displayed week, within and including the start and end date.

Notes:
No date can be in the past, and the start date can't be greater than the end date.