Setup: 1/2

[N] Simplicity

-asks for username and password only

[Y] Functionality

-setup db credentials and schema properly

View, Functionality, Usability: 31/36

General: 4/6

[Y] HTML is simple

[Y] Views are read only

[Y] Views only pull from the model/PHP available data

[Y] Object IDs are not on the page (Insecure Direct Object Reference)

[N] PHP: Templated code, for example, navigation included from single source on all pages

[N] PHP: PHP code appears mostly on top of the page unless necessary.

Login Page: 2/2

[Y] User feedback on valid input

-redirect to main page

[Y] User feedback on invalid input

-error messages

Registration Page: 3/4

[N] User feedback on valid input

-redirect to main page

[Y] User feedback on invalid input

-error messages

-re-fill form fields

[Y] Redisplay form on invalid input

[Y] HTML form validation

Profile Page: 7/7

[Y] User feedback on valid input

-informative messages

[Y] Prefill user information

[Y] User feedback on invalid input

-error messages

-re-fill all form fields

[Y] HTML validation on a few >2 text fields

[Y] Use of radio buttons, including responds to updates

[Y] Use of drop down, including responds to updates

[Y] Use of checkboxes, including responds to updates

Game status: 2/2

[Y] Display correct initial game status

[Y] Display correct updated game status

Guess game: 3/3

[Y] Playable

[Y] Solvable

-including user feedback once the puzzle is solved

[Y] Handles edge cases and invalid input

-error messages

The 15 puzzle: 2/3

[Y] Playable

[Y] Solvable

-including user feedback once the puzzle is solved

[N] Handles edge cases and invalid input

-error messages

The frog jumping puzzle: 2/3

[Y] Playable

[Y] Solvable

-including user feedback once the puzzle is solved

[N] Handles edge cases and invalid input

-error messages

Style/Usability: 6/6

[Y] Simple user interface, easy to use, conforms to web standards

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[Y] Simple user interface, easy to use, conforms to web standards

[Y] Great looking user interface, appropriate use of HTML elements

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[Y] Great looking user interface, appropriate use of HTML elements

Other puzzle: 3/9

[Y] Complexity

[N] Complexity

[N] Complexity

[Y] Creativity

[N] Creativity

[N] Creativity

[Y] Effective implementation

[N] Effective implementation

[N] Effective implementation

Model: 7/11

DataBase: 5/7

[Y] DB Connection in one place

[Y] Simple, effective schema

-primary keys included

[N] SQL is all used in Model

[Y] Prepared statements in some places

[Y] Prepared statements in all places (not SQL Injectable)

[Y] OK SQL: select from where involving single tables

[N] Good SQL: Use of powerful SQL queries: select from where group by having etc.

PHP: 2/4

[Y] Ok code

-not simple

-not effective use of PHP tools

-poor naming

-poor documentation

-no input validation in model

[N] Good code

-simple but longer than needed

-some documentation but not everywhere

-some input validation in model

[N] Great code

-great use of php

-great naming

-effective use of PHP tools

-well-documented code

-always validate user input

[Y] Use of OO

Controller: 8/11

[Y] Good use of sessions

-just model elements stored here, possible exception is $\_SESSION['isLoggedIn'] or similar

-store information about the games

[Y] Use of front controller

-all requests go through index.php

[Y] Use of state machine in front controller

[Y] Simple effective mechanism for navigation implemented

[Y] Appropriate error mechanism used to communicate errors back

[N] Handle indirect transitions

-back button

-playback form requests

[Y] Some validation on the backend, before being sent to model

[N] All inputs validated on the backend, before being sent to model

[Y] Ok code

-not simple

-not effective use of PHP tools

-poor naming

-poor documentation

-no input validation in model

[Y] Good code

-simple but longer than needed

-some documentation but not everywhere

-some input validation in model

[N] Great code

-great use of php

-great naming

-effective use of PHP tools

-well-documented code

-always validate user input

Extra Features: 10%

Competitive between groups. Only extra features listed in

features.txt will be marked.