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CS316-001  
Project 6 Report

**Query Form**Leaderboard display of all users ordered by net worth. You can search by last name and get multiple results. This section fulfills Extension 3.

Leaderboard view with no search query

Graphical user interface, text

Description automatically generated with medium confidence

Searching the leaderboard for a unique last nameA screenshot of a computer screen

Description automatically generated with medium confidence

Searching the leaderboard for a common last nameA screenshot of a computer screen

Description automatically generated with medium confidence

Searching the leaderboard for a non-existent last name

Graphical user interface, application

Description automatically generated

**Text

Description automatically generatedHTML** for the table, showing the JavaScript call that initially fills the leaderboard

**HTML** showing the form that also calls our JavaScript code when a search is made

Text

Description automatically generated

**JavaScript** code that queries our PHP search code and repopulates the table.

**Extension 3** – This code dynamically updates the leaderboard table, without reloading the page. It waits for the request to our PHP search to complete and dynamically refills the table with the search results, or a message if no results were returned.

Text

Description automatically generated

**PHP** code responsible for querying the database and returning a JSON formatted string containing the results of our search

Text

Description automatically generated