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Group 2 Project Requirements

Version 2.0

Functional Requirements:

* Any user will be able to create an account for the application provided they have a unique username and a valid email address
  + Parents/Guardians and designated personnel will be able to create unique accounts to monitor progress made on the application by a student
    - Parents/Guardians will only be able to monitor their child’s progress
    - Designated personnel will be able to contribute input based on student progress
  + The application creators as well as teachers will be able to create administrative accounts to manage user accounts and jeopardy boards
  + Other, basic users will be classified as students
* All users will have to validate their email before their account is activated
* Any user with an account will be able to sign in using their username and password
* Administrative accounts and student accounts will be able to modify a friends list, organize a team with another player, play a game of jeopardy, and view their progress record.
* A game of jeopardy can be played as 1-vs-1, 2-vs-2, or a 3/4-person free-for-all.
* The progress record will automatically keep track of a user’s games played, wins, losses, and record against other specific players.

Non-Functional Requirements:

* The deliverable documents shall align with the outlines provided in the slides from blackboard
* The deliverable documents will be uploaded to the group’s GitHub repository when completed or updated
* The application will be created in Unity
* The application will be hosted using WordPress
* The programming languages utilized include:
  + - PHP
    - HTML
    - CSS
    - JavaScript
    - MySQL
* The application will be able to run on home and mobile devices
* The application should be able to process user input relatively quickly, as no difficult computations should have to be made by the system
* In the event of application failure (e.g. system crash), the application should sign out every logged-in user before restarting
* The application will reject a log in attempt if the user’s email has not been validated
* A teacher must validate that the student account that a parent/guardian account wishes to monitor is their child’s account before that parent/guardian can view their child’s progress