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CS4 WebApp Design Doc

- Functional Overview:
 - My project is a forum-like trading post where people can offer and respond to trade offers through a simple system. The home page will simply sort all trades posted by most recent, and users can perform any action, such as posting their own offer, commenting on one, or replying to comments.
- Design Overview:
 - Photos will be in the same server directory as this PDF.
- Design Testing Results:
 - Testers: Will MacCormack and Victor Xia
 - 3 things I changed due to suggestions from testers:
 - By some means (javascript, etc.), change my login page so that users will never have to see both sign in and sign up sections. They should be able to tab between both logins.
 - On trade post blocks, add a feature that describes whether the trade was completed or not, and allow users to sort these trades out from their searches
 - Instead of sorting simply by most recent, add a sorting drop-down menu that includes popularity and other sorting types
- Prioritization of Features:
 - Definitely will implement:
 - By using javascript or some other tool, have the login page contain two tabs, that switch between the sign in and sign up options.
 - Darken and do not allow users to click on buttons that already have served their purpose (for example, home button on home page, view trades button on view trades page, etc.)
 - Two buttons on the top right of the page: view my trades and Log out
 - View my trades will send the user to a page that only shows trades that they posted
 - Sort indicator that sorts by most recent
 - A button for adding a trade to the community
 - Clickable usernames that lead the user to a list of that user's trade posts
 - Buttons on each trade post that let you expand it and comment
 - Drop down lists for the type of item the user wants to add to their trade post

- Will implement if I have time:
 - Give users the option to sort by most recent or most popular
 - A possible upvote system, where good trades are voted for and shown up first on the popularity sort
 - Allowing comment replies
 - If a certain item is clicked on, the trades are now sorted by any trades that include this item
 - The ability to report or block users
- Database Design:
 - Tables:
 - A table of all trade posts
 - Columns:
 - Id
 - User who posted
 - Item Had (6)
 - Item Wanted (6)
 - Comments
 - Post time
 - A table of all users
 - Columns:
 - Id
 - Username
 - Password
- Propose Implementation Schedule:
 - 11/1-11/8: Functioning sign in/sign up page with functioning database table for all users
 - 11/8-11/15: Functioning home page that displays hardcoded trades correctly and has a functioning database table for all trades
 - 11/15-11/22: Allow users to begin adding trades to the website and being able to view singular trades expanded on their own webpage
 - 11/22-11/29: Allow users to click on other usernames or their own to view a certain user's posted trades
 - 11/29-12/6: Allow users to begin commenting on all posts
- Potential Showstoppers:
 - Adding commenting to posts might prove to be difficult
 - Having to manually enter all items into the options. Should I select maybe just 20 or so, or figure out a way to insert them from game data or something?