This document exists to highlight what I know to true about the low points of the website. To my knowledge, the website does meet the assessment specifications, however it is not in perfect condition when one assesses its quality. These are changes I would have liked to make if I were to continue working on the website:

**+Refactoring the code:** I understand that to put all of the routing and user defined functions into one file is bad practice as opposed to logically splitting them up into separate files. I didn’t do this because of how long it could take, considering that it might break the working build I ended with. This is because I learnt the proper way to refactor code way near the end of assessment.   
**+Better GIGO handling**: The quality of my ensuring that user input is anticipated and that the programs continues working in response to unexpected input is quite low. I do some of the basic, bare bones handling of garbage input but ultimately it is of a lower standard than I would have liked it to be. I chose to overlook this because there were more pressing tasks in the assessment that I had to deal with that were taking up a lot of my time. Given more time, however, I would have given greater attention to GIGO handling.  
**+Better looking front end  
+Displaying error messages on website front end:** I unfamiliar with the topic of simple and effective ways of displaying error to the front end of the website. I did implement it at times, but I wasn’t quite sure how it worked so I was weary of implementing it everywhere. The errors are instead sent to the console.  
**+Update info across database issue:** The assessment never specifies this, but it dawned on me that when the userupdates their profile info, it needs to be updated across the database as well. Users’ friend lists are stored in an array in the same collection that stores their other information, meaning that when updated, all users must be updated. Updating all that information is a rather large task and when I attempted it, I was struggling with issues relating to the fact that I had to make multiple database queries, which run asynchronously. I had to rush learning the concept of asynchronous functions in JavaScript since I had never learned this before and while I did figure it out and implement it correctly for other parts of the website, it was very time consuming. Since I had to make nested query calls, they ran asynchronously and would not update the database in the intended way. This issue persists and I am on the deadline, so I have decided to leave this rather important but non-essential feature out of the assessment and leave my progress on the matter in a separate .js file should you want to review it.

I am aware of all of these these issues and will try to improve my practices regarding them (and any other issues I learn of) in the future. Thank you for your time.