

Working Prototype

- Product Name: **ClassNeeds**
- Team Name: **ClassNeeds**
- Date: **July 21, 2020**

- List of functions not working correctly (can lose up to 20 points) List all problems with your software that your team has identified. Include in the item entry the input/action that causes failure; location of fault (if known); possible action for removal of fault.

- If file uploaded with character name over 300 letters, name of file gets cut off
 - Issue: Database has a 300 string limit for file names
 - Solution: Database column for file name can be extended, or error message can be displayed saying invalid file name
- If comment uploaded with other 500 characters, internal server error occurs
 - Issue: Database has a 500 string limit for comment length
 - Solution: Database column for comment can be increased, or user comments should be automatically limited to 500 characters
- If comment uploaded with weird ASCII characters and over 100 characters, internal server error occurs
 - Issue: Database has a 500 string limit for comment length, non alphabetic ascii characters seem to take a greater string length
 - Solution: Database column for comment can be increased, or user comments should be automatically limited to 500 characters, and non alphabetic ascii characters should be limited
- If classes.txt has white space at the end, empty classes will appear
 - Issue: function to populate class list does not ignore white space
 - Solution: edit the getClasses() function to ignore white space lines
- If curriculum chart uploaded with character name over 300 letters, name of file gets cut off
 - Issue: Database has a 300 string limit for curriculum chart names
 - Solution: Database column for curriculum chart name can be extended, or error message can be displayed saying invalid file name
- If file uploaded that is above 100 MB, Heroku Database error will occur
 - Issue: Limitation on file size that can be uploaded based on our Heroku Hosting Server
 - Solution: Check to make sure file size is within reasonable limits, additionally Heroku itself limited the file size, meaning a new option would be required for hosting if file sizes reach that limit
- If the default option of Choose is selected for favorite class under Profile, it will be added to favorite class
 - Issue: Choose is an option that exists on the selection list

- Solution: Remove the choose option from the list, or set it as default that cannot be chosen
- If two users log into the same user account, both users can simultaneously interact with the website
 - Issue: No restriction or check to see if the user account is already in use
 - Solution: When user logs in, have list of already logged in users and check to make sure that the user account is not already in use