CS 490/491L Progress Report #3

Instructions: Each team member should enter their activities performed for the capstone project in the last two weeks, as well as their expected activities for the next two weeks, along with anything holding them up on completing their activities.
These should be discussed by the team and their advisor(s) during the weekly/biweekly meetings, and the advisor(s) should sign up and date the sheet indicating a correct assessment of the team's progress.
Students need to upload a signed and scanned version to Canvas. Progress reports uploaded to Canvas without a signature and score for progress will receive a 0 for progress.

Team/Project Name: MAAKDE

Team Member #1: Kennedy Johnson

What I did since my last progress report:
　　　　We have had several team meetings since our last progress report and unfortunately have hit several roadblocks. We are extremely behind in terms of connecting our project, specifically the backend of the project. The front end seems to be working well and fine, however we are currently having an issue with creating the server for our project as well as staying on top of matching our set requirements.

Anything holding me up on my last progress report's expected activities:
　　　　In regards to the project, I was recently made aware that the previous image and color recognition models were scrapped and are going to be remade completely by a single member of the team, which unfortunately puts our progress on a delay even more. I was also made aware that the goals of our original idea have been changed (?) though I may be misunderstanding. Right now nothing in the project besides the website format is completed which worries me about the future of this project.

What I plan to do before the next progress report:
　　　　The goal is to start connecting the parts of the project together. We have met before but I don't believe any substantial work has been made with the final project as a whole. I hope that by the next progress report, there will be a more clarified understanding of what is expected of the models necessary for backend and we will not need to redo the models completely once again. I also hope that the team has a very clear understanding as to their responsibilities and expectations

Team Member #2: Andres Macias

What I did since my last progress report:
     The front-end team collaborated with the back end in order to create a functional login for the user. There was also debugging and testing of this functionality in order to get it to be completely functional. Also SQL was utilized while setting up the login.
Anything holding me up on my last progress report's expected activities:
N/A

What I plan to do before the next progress report:

     Continue collaborating with the backend team to figure out the most optimal solution for connecting our front end with our machine learning model.

Team Member #3: Aaron Gian Madrid

What I did since my last progress report:
MySQL has been established with FE in terms of Login and Signing Up. Worked with numerous members of the team as well as worked hand in hand with Erik troubleshooting it. Tested and identified key issues in the connection and found the errors in requests and responses between the FE form and the database. Dived a bit deeper in getting Flask work from FE to BE as it was getting harder and harder to get it situated with our FE Javascript React and our BE Python, nonetheless good progress is being made on these connections.

Anything holding me up on my last progress report's expected activities:
Ensuring the machine learning models are optimal. Trying to find methods in which we combine both Image Rec and Color Rec models into one singular model since there are portions from both models that are either repetitive or not necessary. Will leave to the BE team to figure this out but will soon possibly mesh the BE and FE team to contribute to each other's efforts once either or's portions are somewhat complete.

What I plan to do before the next progress report:
Test out and troubleshoot issues identified and unidentified in terms of MySQL connections and functionality as well as work further on Flask connectivity. Connections are becoming more of a relevant issue as this seems to bottleneck moving forward on whatever else we need to work on. Will work on getting the Rest API (Flask) to expose the python scripts and get the response properly sent to FE. Once those issues are resolved, will go back to FE improvement and possible getting members from either or Dept to assist their counters just so all members are aware of how everything works as well as giving each other better recommendations and solutions.

Team Member #4: Matthew Kim

What I did since my last progress report:
Worked and assisted Aaron on connecting our REST API to our database. This will help allow us to have users create accounts with a username and password where we hash that information on our database.

Anything holding me up on my last progress report's expected activities:
None

What I plan to do before the next progress report:
Continue to work with the rest of our team members to connect our API to the front end and potentially work on styling the front end site.

Team Member #5: Erik Vardumyan

What I did since my last progress report:
Worked with the FE team specifically with Aaron to connect the FE to the MySQL database. Spoke with Deni about the backend to rework and retweak the backend. We agreed to write separate code for the next day to meet Monday night and compare methods.

Anything holding me up on my last progress report's expected activities:
We have been having issues with the server connection being lost. As well, as the console is not logging the inputs.

What I plan to do before the next progress report:

Continue to work MySql and FE with Aaron, meet with deni to compare backends to see which approach seems more optimal or perhaps grab a few ideas to incorporate into the better one.

Team Member #6: Deni Cabaravdic

What I did since my last progress report:
Have some flask connection, and didmySQL database to help create login and signup page for users.

Anything holding me up on my last progress report's expected activities:
Our machine learning models

What I plan to do before the next progress report:
I need to combine both models or find a new way of doing color rec and image rec at the same time. Then I will have an image upload from the front end to then connect back to our machine learning model allowing the user to have an identified piece of clothing, and then get a couple outputs of clothing that will go 'well' with the user choice of clothing

Date: _____

Team Progress (0 -- 3): _____

0 -- no progress has been made by the team
1 -- insufficient progress has been made for the team to complete their capstone
2 -- sufficient progress has been made for the team to complete their capstone
3 -- excellent progress has been made by the team

Report Quality (0 -- 3): _____

0 -- missing or empty report
1 -- report briefly written with incomplete sentences, lacking descriptions of work
*2 -- well written report with sufficient description of work performed since last
       progress report*
*3 -- excellently written report with detailed description of each team members
       progress*