Describe the scope of your project.

We are using harr cascades and decision trees. Both of which have been covered in CV class (harvest cascade) and data analytics (decision tree).

Additional questions I had were answered in this geeks for geeks article <https://www.geeksforgeeks.org/python-haar-cascades-for-object-detection/>

And viola paper

<https://www.researchgate.net/publication/3940582_Rapid_Object_Detection_using_a_Boosted_Cascade_of_Simple_Features>

And on this video

<https://youtu.be/uEJ71VlUmMQ?si=OE_7FqC2BJ_IzJ35>

What would you want to present at the project fair? A demo video of our cats faces being recognized as some cat face with the haar cascade algorithm. Then the decision tree will use the take the pixels classified as cat face and use the rg0b values after gaussian blurimg to identify which of our cats is pictured.