Final project

Deep Learning 2022

Project structure

- Introduction (to the problem and some of the existing works and datasets)
- Solution (your algorithm design and rational behind it)
- Experiments and results - try different variants
- Discussion

Grade structure

- The final grade will be given based on the following dimensions:
    - Project complexity
    - Problem definition
    - Report structure and clarity
    - Experiments design
    - The usage of deep learning
    - General impression

Final report

- Please use overleaf to write your final report. Use the following template: https://www.overleaf.com/read/ngrwxndhwrsf

- Max number of pages is 8 but you don’t have to use them all ;), including references

- The data

https://www.kaggle.com/datasets/omkargurav/face-mask-dataset

Two directions that come to mind to begin with:
Using Siamese Networks
Use of a structure similar to the embedding network

More points to think about along the way:
 * How does model size affect performance?
 * What characterizes the devices that run such an application? How does this correspond with the model size?
 * Consider training times, try to start even by running a sample from the web to get the time frame needed to plan your time properly.