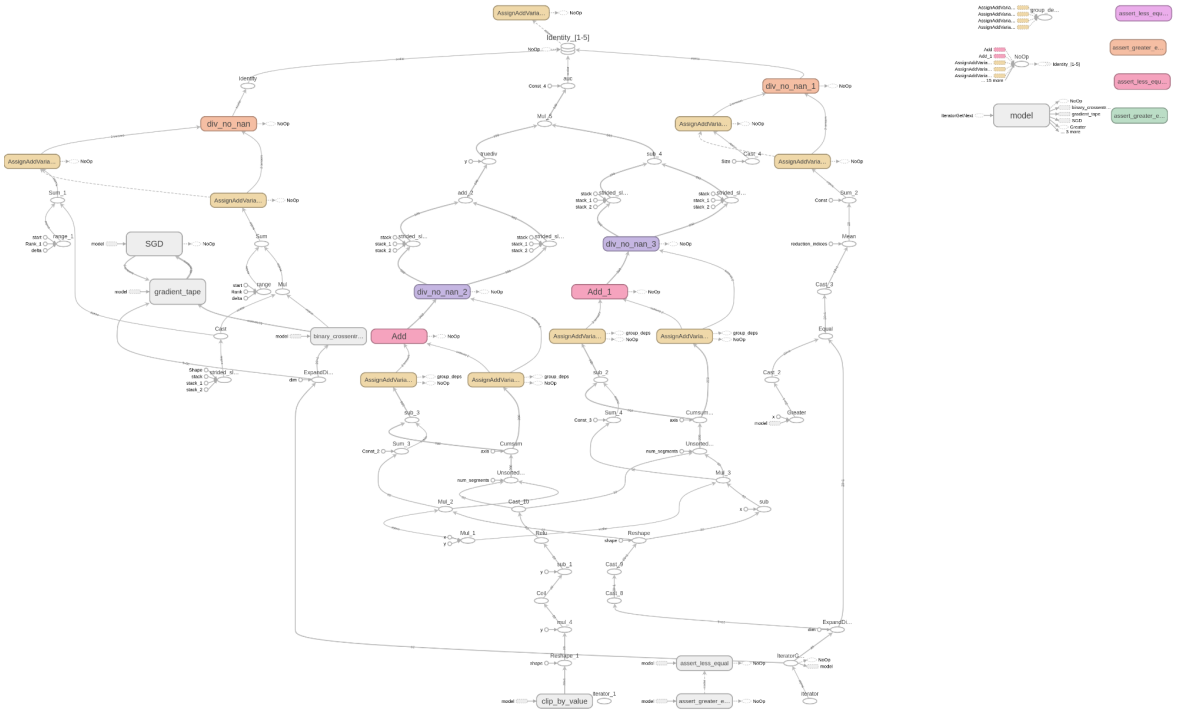
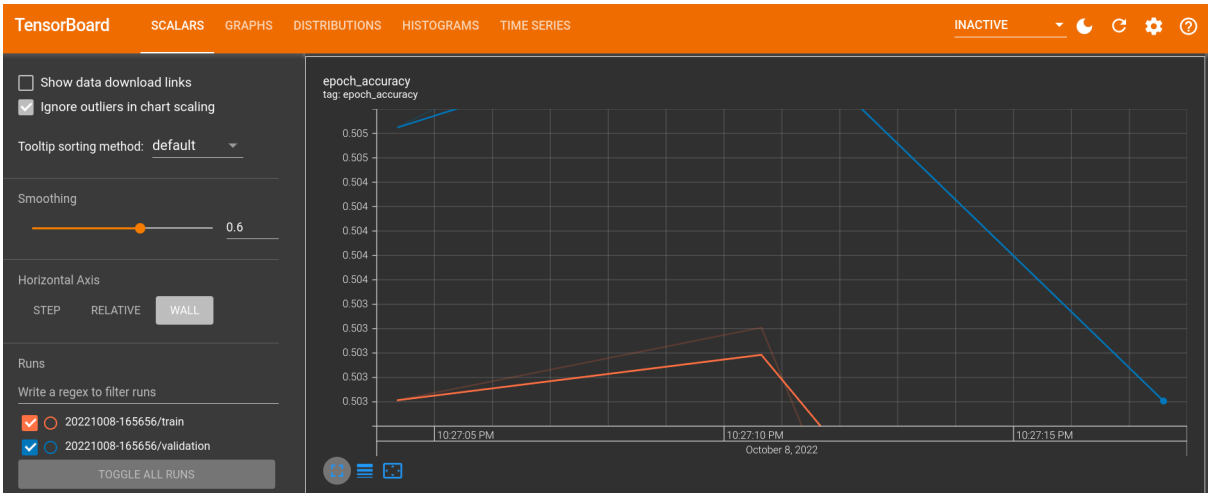
Model 1

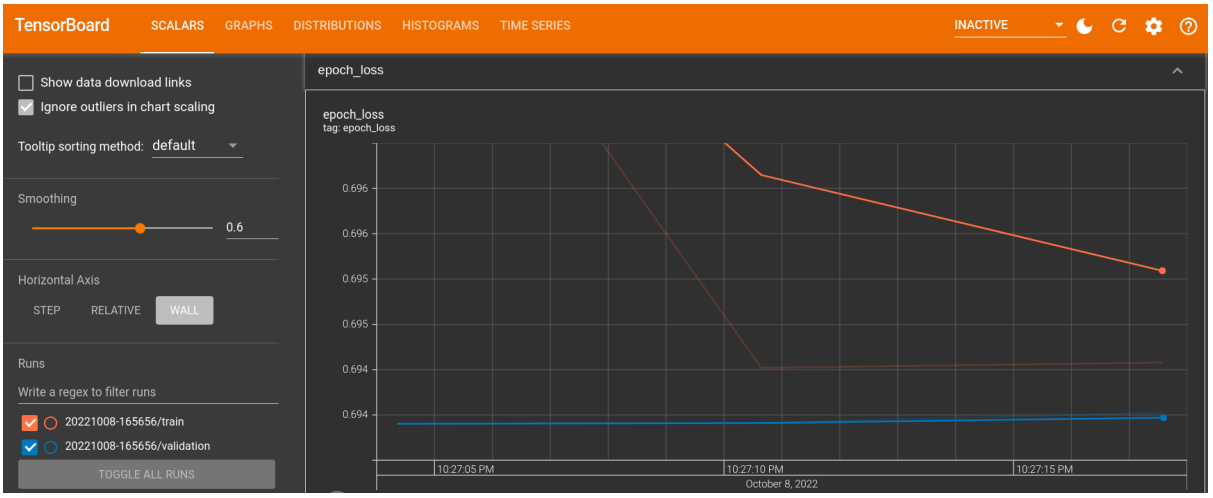
Computational graph



Accuracy



Loss

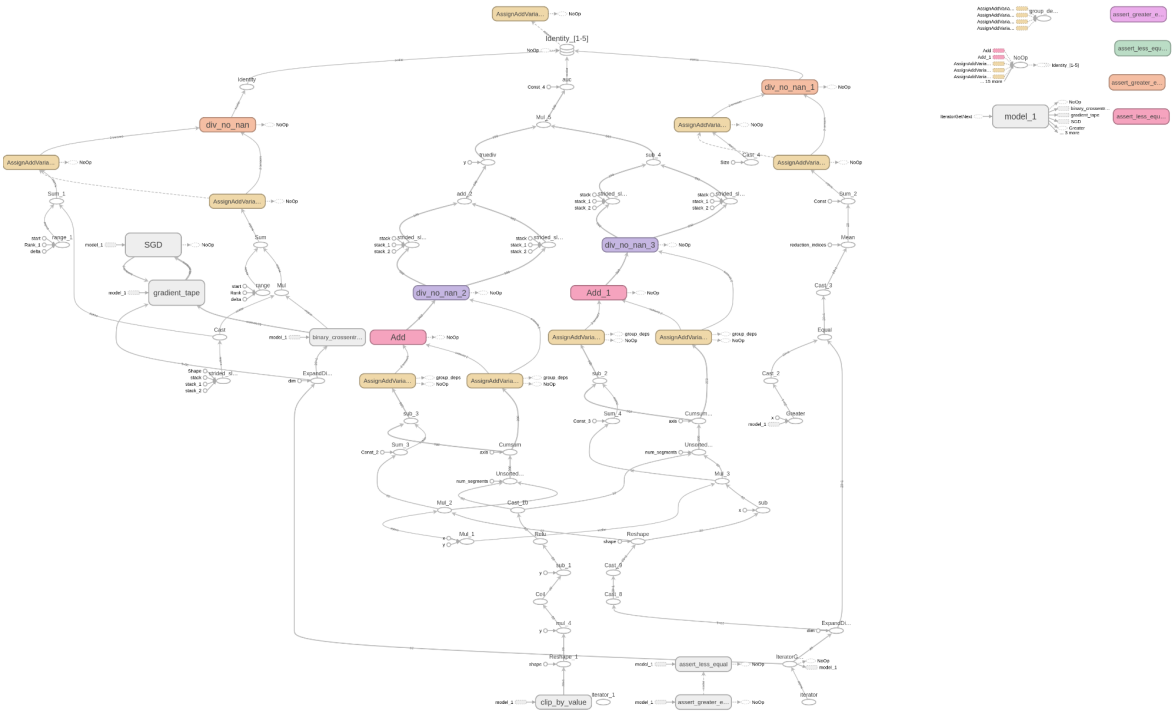


Conclusion:

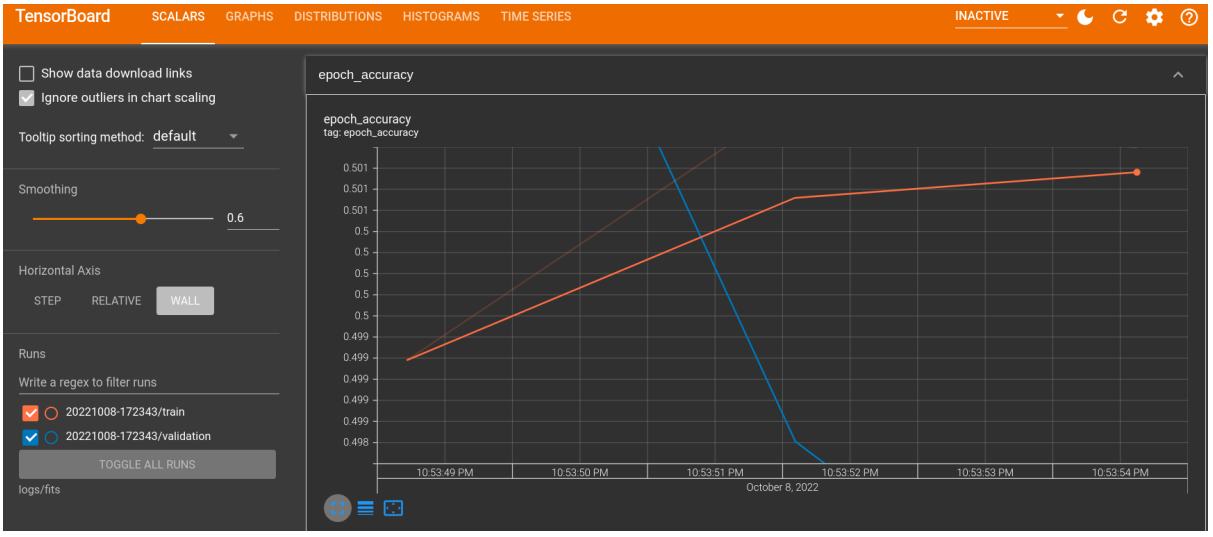
1. We see that all the callbacks worked successfully (please check the verbose output in the notebook).
2. The orange and blue lines in both graphs indicate train data and test data respectively.
3. This is not the best model, as validation accuracy started to decrease in epoch 3.

Model 2

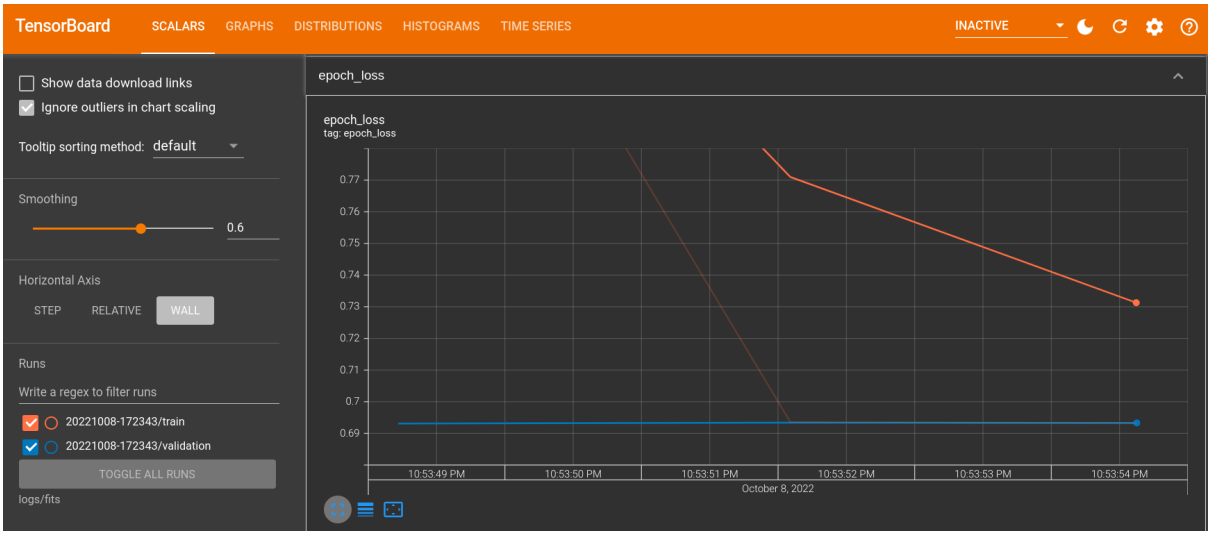
Computational graph



Accuracy



Loss

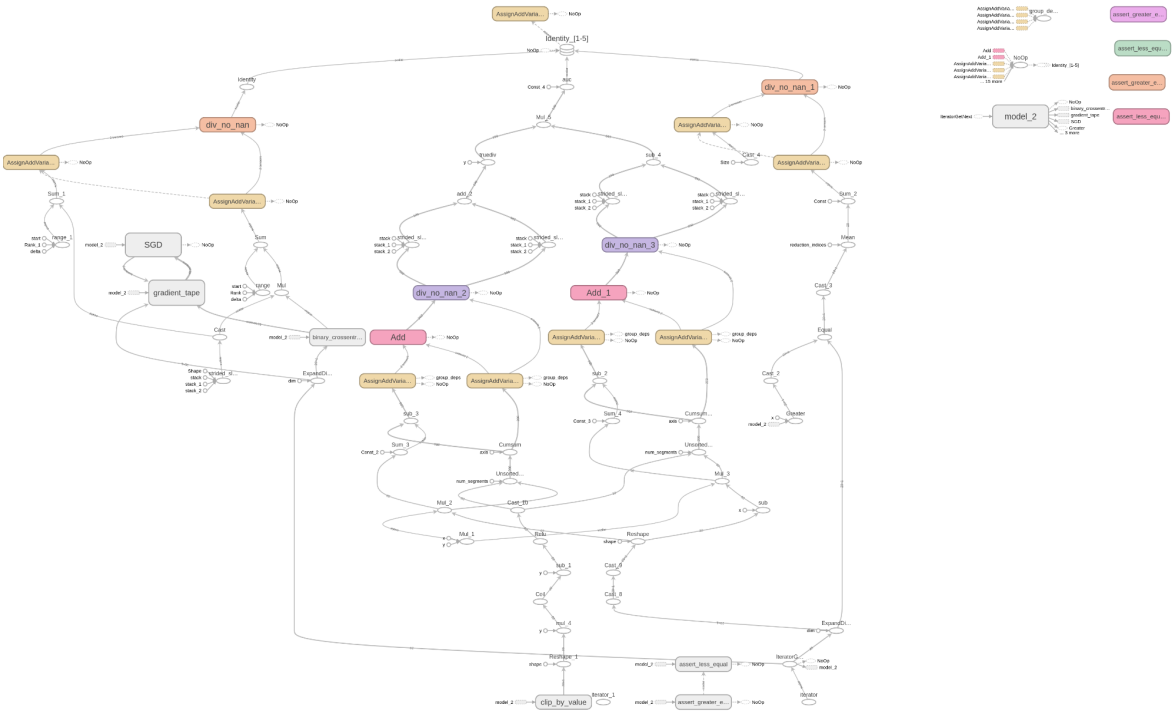


Conclusion:

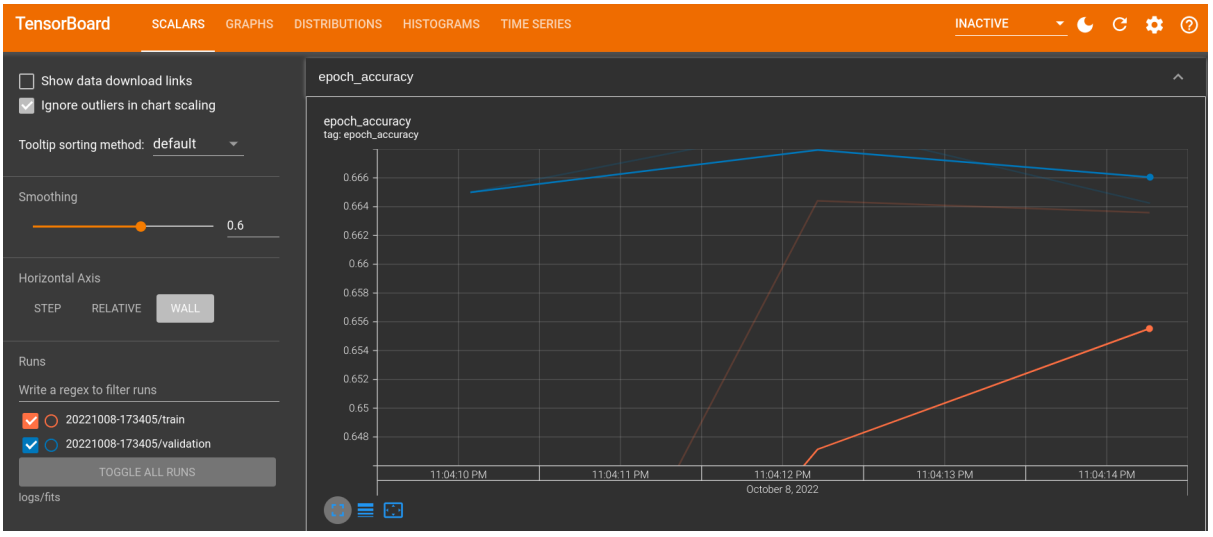
1. We see that all the callbacks worked successfully (please check the verbose output in the notebook).
2. The orange and blue lines in both graphs indicate train data and test data respectively.
3. This is not the best model, as validation accuracy started to decrease in epoch 3.

Model 3

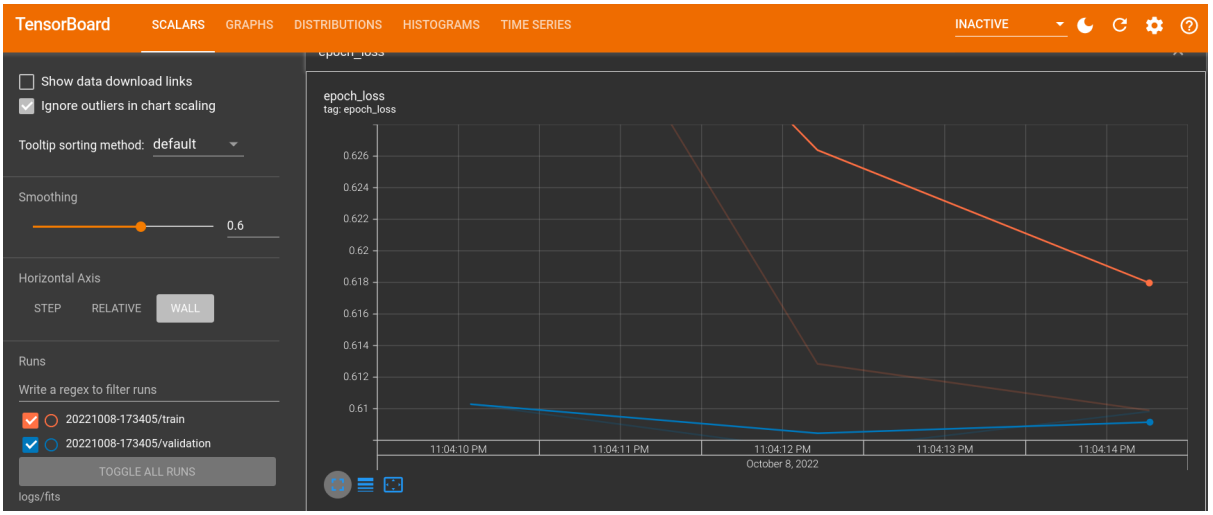
Computational graph



Accuracy



Loss

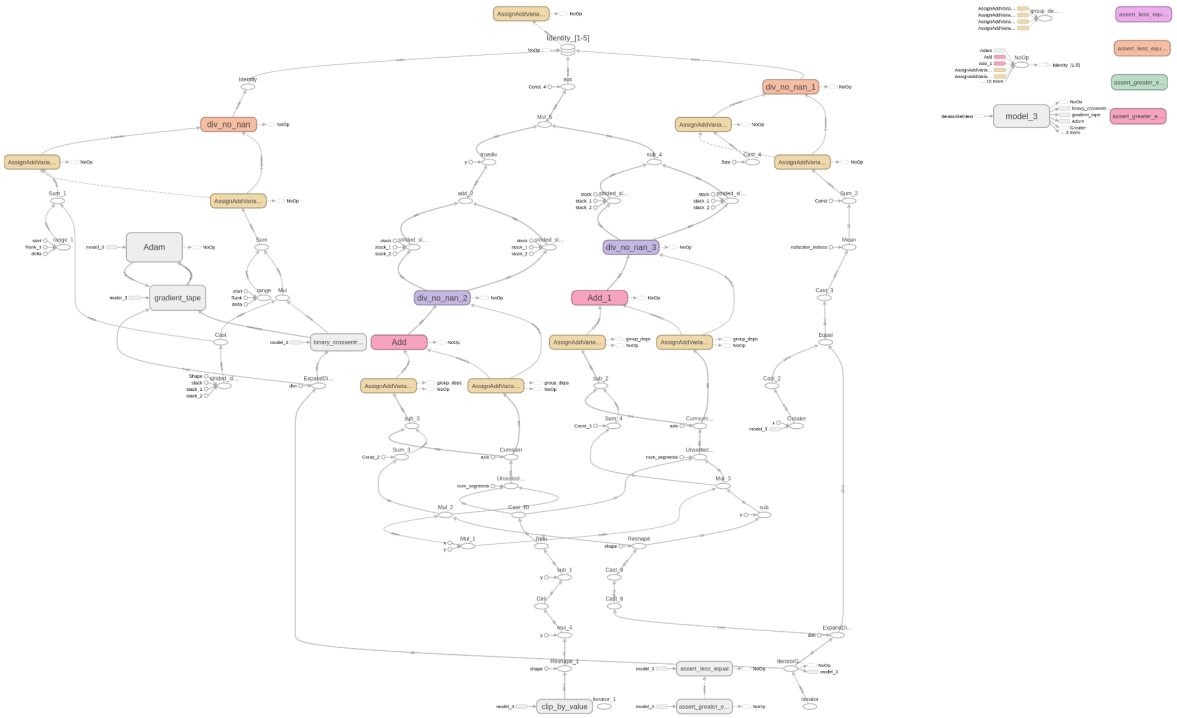


Conclusion:

1. We see that all the callbacks worked successfully (please check the verbose output in the notebook).
2. The orange and blue lines in both graphs indicate train data and test data respectively.
3. This is not the best model, as validation accuracy started to decrease in epoch 3.

Model 4

Computational graph



Accuracy

Loss

Conclusion:

1. We see that all the callbacks worked successfully (please check the verbose output in the notebook).
2. The orange and blue lines in both graphs indicate train data and test data respectively.
3. After using the Adam optimizer with its default parameter values, we see nice improvements in the model.