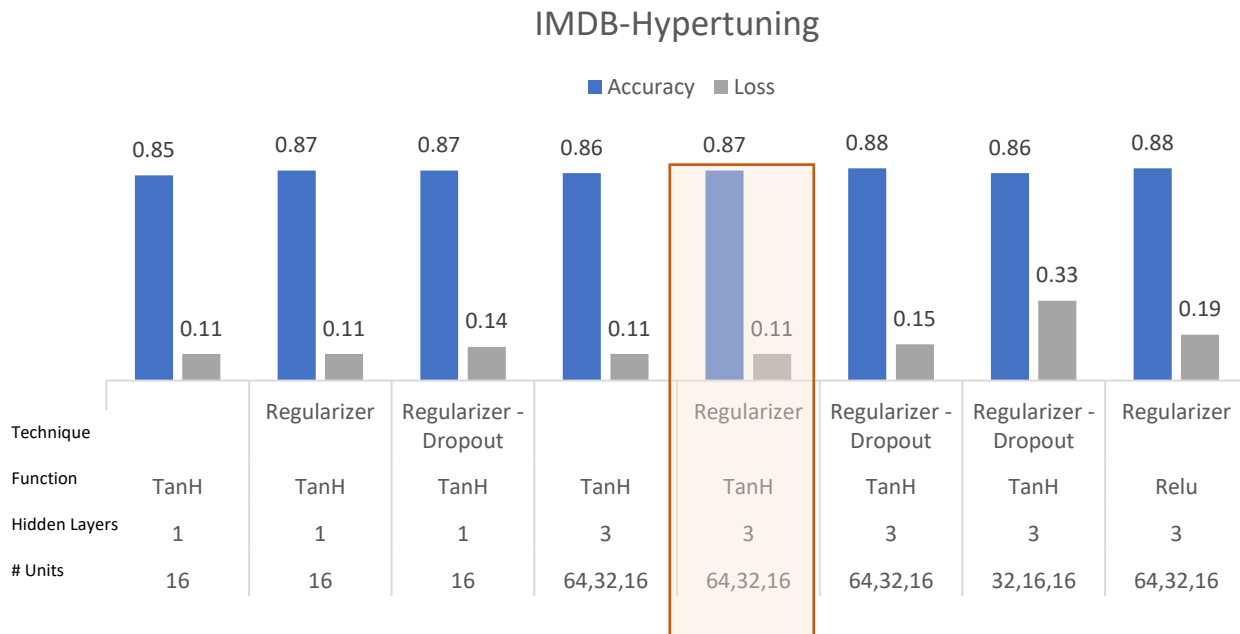


## IMDB - Hypertuning

The Below report shows the various models by choosing different hyperparameters to decide the model performance:



As we are mainly focusing on TanH activation function the best model is the one with three hidden layers and by Regularization technique.

Result: We examined above models with tanh and relu activation functions using different layers. By observations we can clearly distinguish where the model is getting over fitted using Relu activation function where as in tanh it is hard to find where the model is getting over fitted

## IMDB - Hypertuning

