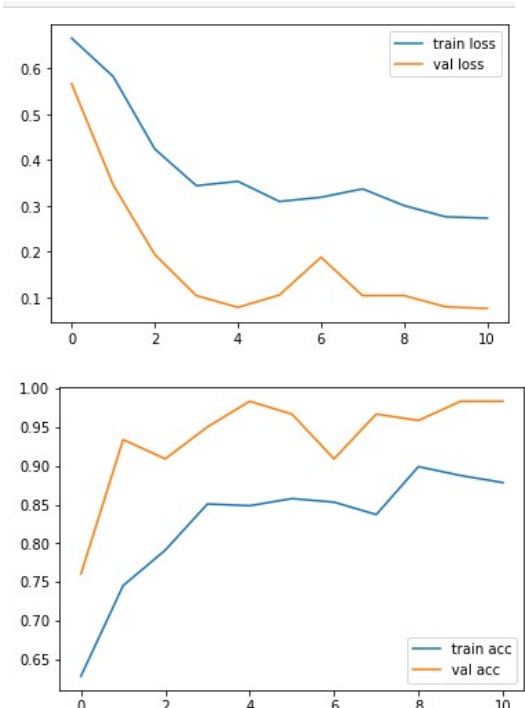


Project Development Phase Model Performance Test

Date	19 November 2022
Team ID	PNT2022TMID48835
Project Name	Emerging Methods for Early Detection of Forest Fires
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Model Summary	Total params: 416,737 Trainable params: 416,737 Non-trainable params: 0	<pre> dropout_1 (Dropout) (None, 14, 14, 32) 0 flatten (Flatten) (None, 6272) 0 dense (Dense) (None, 64) 401472 dropout_2 (Dropout) (None, 64) 0 dense_1 (Dense) (None, 1) 65 ===== Total params: 416,737 Trainable params: 416,737 Non-trainable params: 0 </pre>
2.	Accuracy	Training Accuracy – 87.35 Validation Accuracy –98.5	 <p>The top graph displays the training loss (blue line) and validation loss (orange line) over 10 epochs. The training loss starts at approximately 0.65 and decreases to about 0.28. The validation loss starts at approximately 0.55 and decreases to about 0.08. The bottom graph displays the training accuracy (blue line) and validation accuracy (orange line) over 10 epochs. The training accuracy starts at approximately 0.65 and increases to about 0.88. The validation accuracy starts at approximately 0.75 and increases to about 0.98.</p>