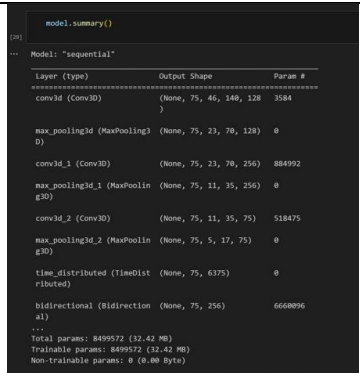
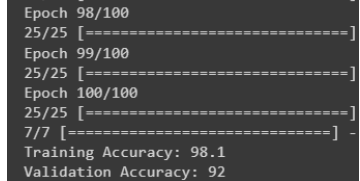


Project Development Phase Model Performance Test

Date	21 November 2023
Team ID	Team-591890
Project Name	Lip Reading Using Deep Learning
Maximum Marks	10 Marks

Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Model Summary	Total Params:8499572 Trainable Params:8499572 Non-trainable params:0	 <pre> model.summary() ... Model: "sequential" Layer (type) Output Shape Param # ----- conv3d (Conv3D) (None, 75, 46, 148, 128) 3584 ... max_pooling3d (MaxPooling3D) (None, 75, 23, 78, 128) 0 ... conv3d_1 (Conv3D) (None, 75, 23, 78, 256) 884992 ... max_pooling3d_1 (MaxPooling3D) (None, 75, 11, 35, 256) 0 ... conv3d_2 (Conv3D) (None, 75, 11, 35, 75) 518475 ... max_pooling3d_2 (MaxPooling3D) (None, 75, 5, 17, 75) 0 ... time_distributed (TimeDistri (None, 75, 6375) 0 bution) ... bidirectional (Bidirection (None, 75, 256) 6668096 al) ... Total params: 8499572 (32.42 MB) Trainable params: 8499572 (32.42 MB) Non-trainable params: 0 (0.00 Byte) </pre>
2.	Accuracy	Training Accuracy – 98.1 Validation Accuracy -92	 <pre> Epoch 98/100 25/25 [=====] Epoch 99/100 25/25 [=====] Epoch 100/100 25/25 [=====] 7/7 [=====] - Training Accuracy: 98.1 Validation Accuracy: 92 </pre>