CNN structure:

```
Input ( Depends on type whether Spectrogram or Topographical Map)

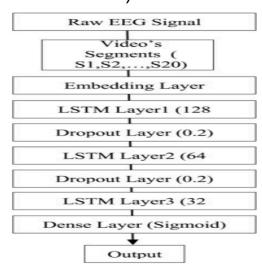
| Conv2D -> ReLU -> MaxPooling -> BatchNorm -> Dropout

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| Flatten

| Dense -> ReLU -> Dropout

| Output Layer (e.g., Dense with sigmoid activation for binary classification)
```



We can add LSTM layers as well.(before flatten)

There are many other standard Networks which can be modified to use for our purpose.

- 1. AlexNet
- GoogleNet—>
 https://www.sciencedirect.com/science/article/pii/S13191
 5782100224X
- 3. EEGNet—>
 https://towardsdatascience.com/convolutional-neural-networks-for-eeg-brain-computer-interfaces-9ee9f3dd2b81

These are just the general overview we may work deep to see what can be improved to achieve maximum accuracy.