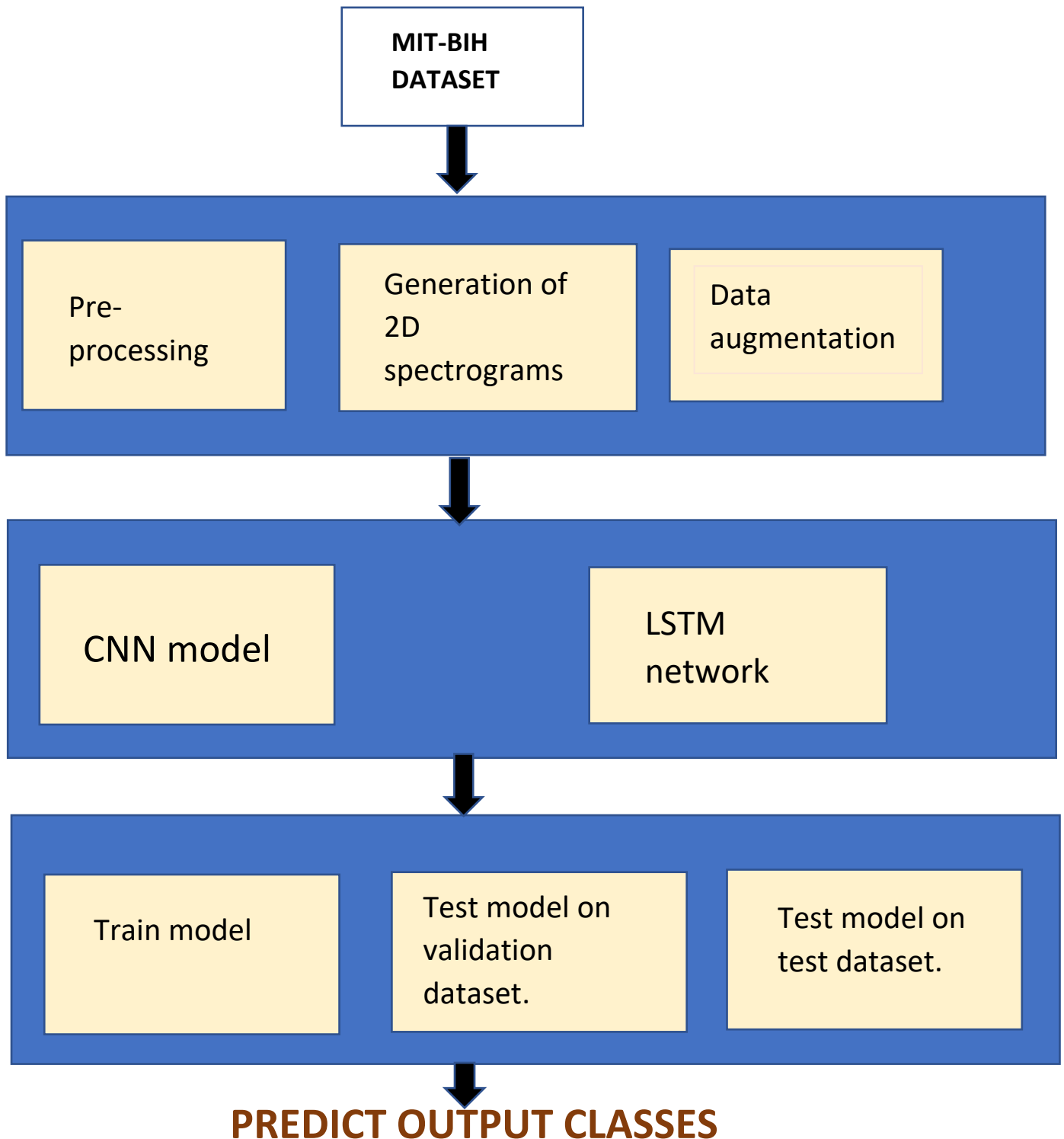


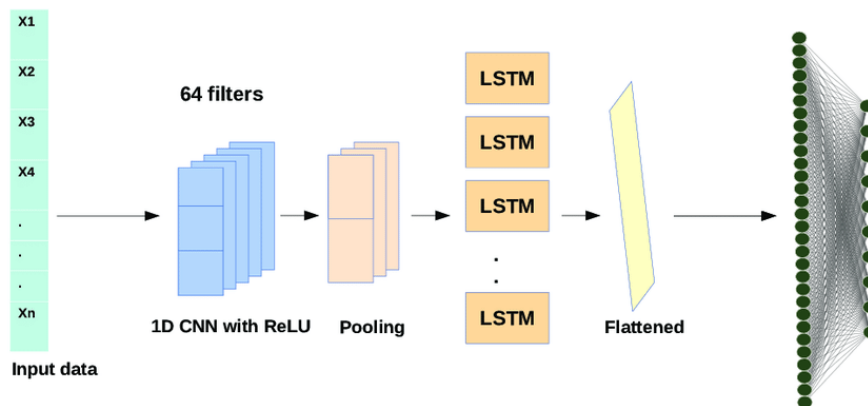
CLASSIFICATION OF ARRHYTHMIA BY USING DEEP LEARNING WITH 2D SPECTRAL IMAGE PROCESSING

TEAM ID: PNT2022TMID35787

SOLUTION ARCHITECTURE MODEL:



CNN-LSTM Architecture:



The proposed solution architecture aims to follow a similar model as shown above where 2 Fully connected layers would be added after the Pooling layer and 2D convolutional layers maybe used instead of 1D and 2 Fully connected layers after the LSTM model. The convolution layers are to be followed by batch normalization and dropout layers to avoid overfitting of the model.