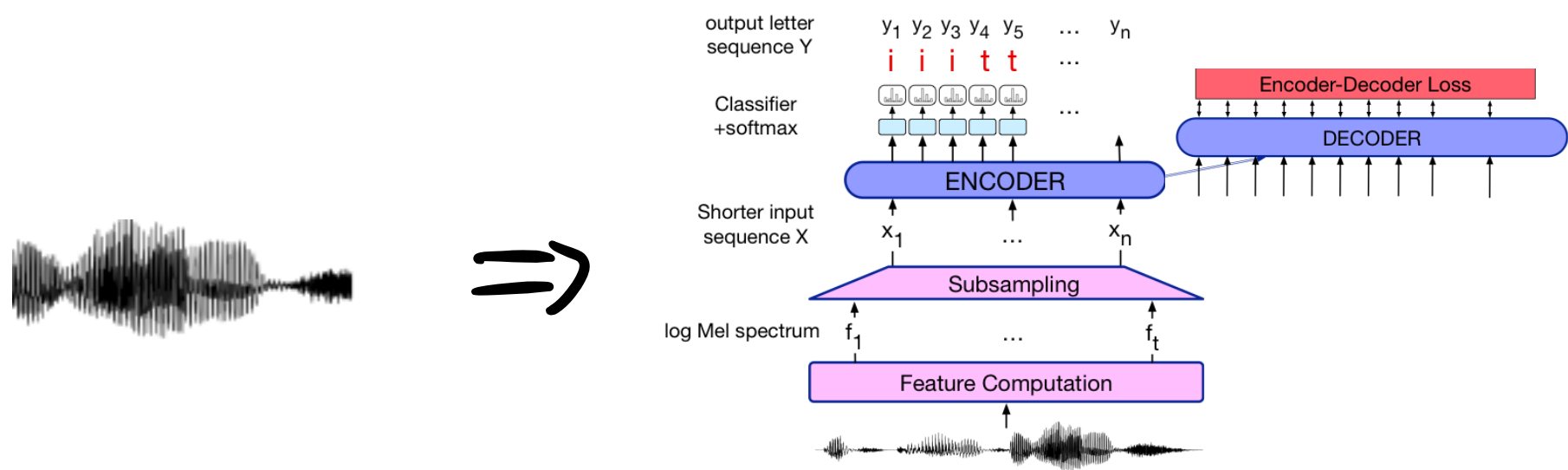


# Whole Procedure of Model :



1 Input Lecture Audio

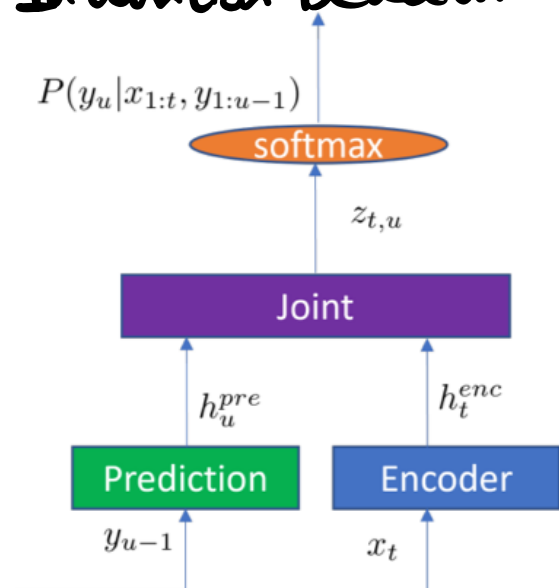
2 Automatic Speech Recognition  
CTC En-Decoder Architecture

(Segment into parts According to PPT content)

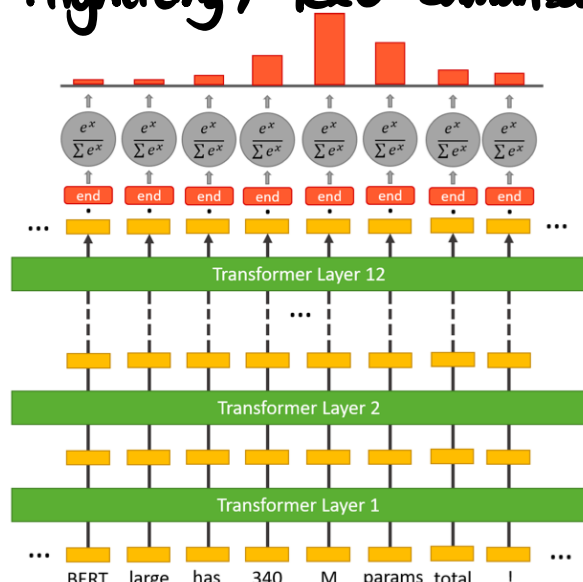


3 Multimodal HighLiting Framework

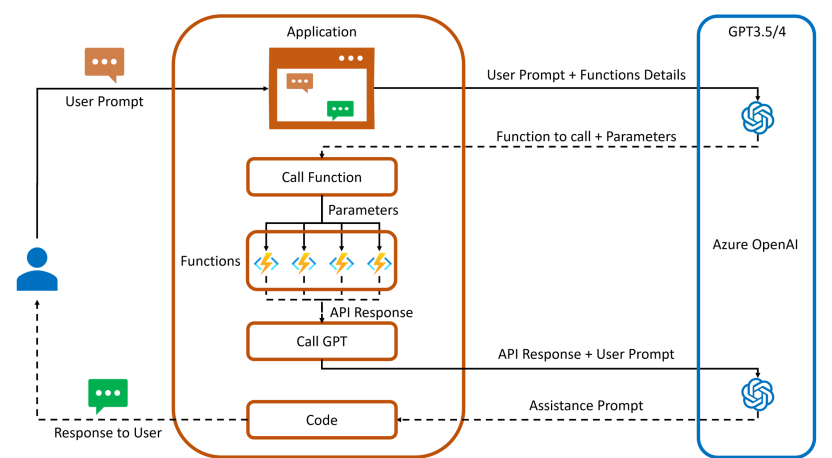
A Simple RNN for  
Information Detection



B BERT for Info-  
Highlighting / Text-Summarization



C Invoking GPT's API  
for Field-Specific Knowledge



D PPT / PDF → Highlighted/  
Colored Words



4 Output Segmented and  
Highlighted Lecture Transcript

(a) Part 1

This year the campers had so much to choose from! They could take swimming lessons, make candles, do leather crafts, compete in archery, make jewelry, design and paint murals on the Camp Director's van, join the 'spy craft' project and learn secret codes and make their own periscopes, or work on building the bridge across the creek. There were also cooking classes and wood burning projects to work on. Everyone was able to have swim time each afternoon, and there was a campfire led by Hi 4-H'ers at night. Then the campers went off to their own campsites to sleep in their sleeping bags until the next day when the fun would start all over again.

(b) Part 2

This year the campers had so much to choose from! They could take swimming lessons, make candles, do leather crafts, compete in archery, make jewelry, design and paint murals on the Camp Director's van, join the 'spy craft' project and learn secret codes and make their own periscopes, or work on building the bridge across the creek. There were also cooking classes and wood burning projects to work on. Everyone was able to have swim time each afternoon, and there was a campfire led by Hi 4-H'ers at night. Then the campers went off to their own campsites to sleep in their sleeping bags until the next day when the fun would start all over again.