Template Generator

Model is implemented as encoder-decoder model with attention mechanism, as below:

a) **Encoder:** The encoder model takes the input sequence and maps it to an encoded fixed-length representation of the sequence.

b) **Attention:** Attention mechanism is included to focus on specific parts of the input text in order to encode. Attention is used to capture the context of the input sentence.

c) **Decoder:** The decoder model takes the encoded representation to generate the output sequence.

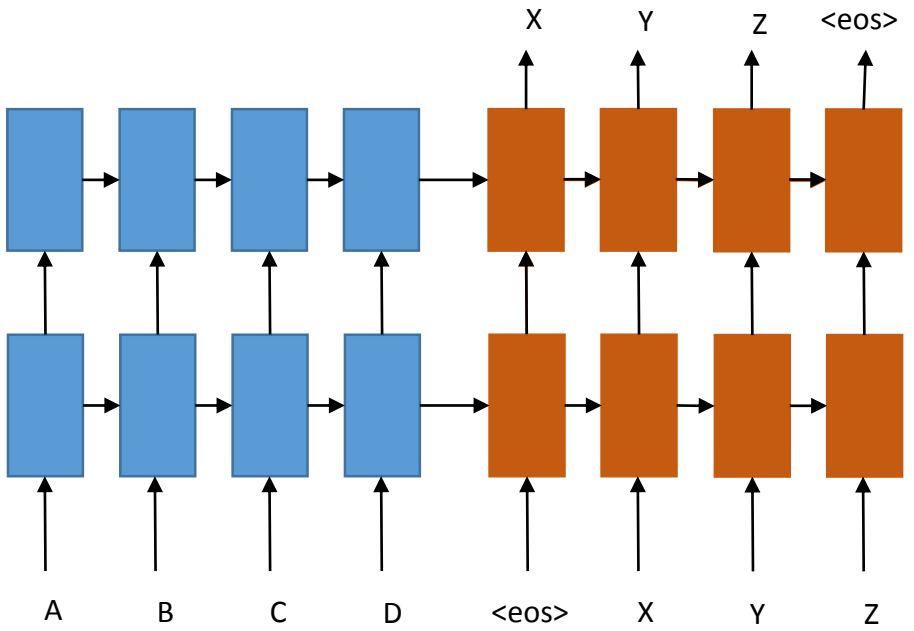

Figure: A stacking recurrent architecture for understanding a source sequence A B C D and generate a target sequence X Y Z. Here, <eos> marks the end of a sentence.

Technology Stack:

- Python 3.X
- Google Tensorflow or Keras
- Stanford parsers

Milestones/Efforts:

Sr No.	Milestone	Tentative Efforts
1	Research and Python Implementation: Code base ready for the next phase.	80 hours
2	Model Training and Tuning: Training the model on the given dataset(~300K samples). Tune the parameters accordingly	24 Hrs/ Training Sessions (Approx. 5 Trainings)
3	Integrate the trained model: integrate the working model in the system.	TBD

Commercials

Sr No.	Milestone	Rates/ Hour	No. Of Hrs	Amount
1	Research and Python Implementation: Code base ready for the next phase.	$65	80 Hours	$5200
2	Model Training and Tuning: Training the model on the given dataset(~300K samples). Tune the parameters accordingly	-	24 Hrs/ Training Sessions (Approx. 5 Trainings)	$ 500
3	Integrate the trained model: integrate the working model in the system.	$65	50 Hours (Approx.)	$ 3250
Total Amount				**$8950**

Terms & Conditions:

1. Payment Terms: 35% Advance of total amount along with work order.
2. Milestone Payment: Balance 65% Payment on Completion of Milestone
3. Mode of Payment: TransferWise, Direct Bank Transfer