CSC 340 Final Project

Technical report

**Next Word Predictor**

by

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# Introduction

* Building an app that predicts the next word in a sentence

# Design

The model:

* We will be building a sequential model, creating an embedding layer and specifying the input and the output.
* We set the length 1 as the prediction will be one word.
* Next step is to add a LSTM layer.
* Softmax activation will ensure we get a set of probabilities.

Diagram

Description automatically generated

Chart, line chart

Description automatically generated

# Conclusion

## For The Future

* Resolving the bugs in the code
* Building a GUI interface