ABSTRACT
Automatic text summarization is the process of extracting the main points from a body of text by
the use of a computer program. This main points are referred to as summaries which is the
shortened version of an input text. With the Increase in the amount of information around us, it is
getting difficult to extract the important points from them. These information come in any form.
The information that come in text format might not be desirable if it has a very large content.
Neural network is a computing paradigm that imitates the way the brain accepts and stores
information with artificial neurons which are basically mathematical functions. Recurrent neural
network is good in the aspect where the output sequence is not necessarily the same with the
sequence of the input such as machine translation, text to speech and vice versa and so many
others. This purpose of this project work is to model how this computing power can be used in
the summarization of text by developing a model that uses abstractive summarization technique.
At the end of this project work, a neural network model that generates headlines that summarizes
the input text was developed.