

ABSTRACT

In a few this the last year, experienced of telecommunications world are growing faster. One of them is research in speech area, sent signal information not only in the form of just data text but also human being voices. At this final project, will be studied about how to process signal voice so that be recognized as command. Method from processing signal voice at this final project are sampling, frame blocking, windowing, DFT, IDFT, Liftering and cepstrum so that be obtained signal extract which kept as codebook. If word entered as according to word standart at codebook the system will act/command to view employee's data. Percentage of system efficacy in online is 85-95%, while in offline is 80-95% with a few mistake of match word for example "hadi" and "adi".

Key Word – *Speech recognition, sampling, frame blocking, windowing, DFT, IDFT, Liftering, Codebook/ Database, Employees data.*