REPORT UN THE FOLLOWING:

Natural Language Proussing (NIP)

NII is a field of AI that unables machines to understand and frouss human blinguage

Il's they components were:

To Emization: Bruaking trut unto words was

- Parts - Of - Speech: Tagging: Zaseling words by grammatical scoles.

- Named Entry Lecoynition: Identifying marnes of feether; Ylaces, etc.

- ismantic Analysis: Understanding meaning in tent.

Trut vsummaining ation and Machine towns lation or addition at applications.

Sentiment dralysis

Sentiment analysis determines unotioned tone
in tent, classifying it as positive,
megative for mentral It is unidely
used for social midic unionitosing,
unstomus fredback, and mustest analysis.
Techniques vincludes:

Zenson - Based : Used fredefined sontiment words.

Machine Learning - Bustel: Mising models so classity

Mybrid Approach: -This wombins - Linicon - build and unachini leavining Archniques to simprove allunacy.

The second of the special desired

April of sentiment Those was Anne main enalyers are: Mary March Char Analysi's Suntiment - to lawly - Based Sintimum Analysis tempton , Board Afore - Board Sintimuret Analysis were larion of the liest is Spech Synthesi's Speech Synthesis is me welficial frolliction of human ispech. It is a wistreal component up sent up spech systems, which wonvert within that winto is poken words. Speech synthesis as used in a warrety of applications, uncludency wintmen was 13 ten ss man ig ation systems, accessibility sook you me misually impaired and more.

methods for sfuch dynthisis: grimwy the swo - Mon catenative synthesis: Mus fre-neworded spech units.

synthesis: generates is buch using Paramussi unodel bor unos, Junitiony. Newsal Its day improved mainealness in dynamissied which! Architecture of What bot, Designing Elements and Bust Practices A chatoot is an A)- Asiver frequent that interacts with user via natural language. Often though that sor woice to can se mud for mustomes suppost, Jusunal vassistance vos volhus interactiva applications,

Architecture

Ul! : Interface for win unwection.

NLV: Windurstands, was vintants and untitues,

Oralog Manager: Manage Monversation flow.

The money of the second

NIG: Generaty vustoners.

Backind IAPI. Mendles untiquations and data

Tide Sping

sutriwal.

The season of th

DESIGN Eliments

Intent Rusquition : Understanding Mus gouls.

antity Rusquition : Luntipy ing buy information

Contentual Amarines : Maint arming Conversation fow.

Bust tractions:

- Desime relians une cases

- Jours un usus unspresence

- Ensure security and privacy.