# Natural Language Processor

**Team Number**: 6   
**Team Members**:

* Hiresh Jakkala Bhaskar (Class ID – 17)
* Bharath Kumar Eilane (Class ID - 12)
* Anvesh Mandadi (Class ID - 34)
* Jaya Prakash Ravella (Class ID - 42)

**Project Idea**:

To process the free form text and convert them into Structural output.

Tokenizing the words from the input text and map them with the keywords, which are stored in Database and provide a structured output format.

For example,  
  
Sample I/P Text: Hiresh is a good boy.  
Sample Output:

|  |  |
| --- | --- |
| Name | Character |
| Hiresh | Good Boy |

**System Features**:

* NLP is a web application, which can be accessed by members, who are signed up to the application.
* User can provide any free form text and system will process it and convert them in to a structural format.
* Tokenization of the text is customizable, i.e. User can add their own keywords through a CSV file
* Provision to upload the CSV file will be provided in the UI.

**Bibliography:**

Reference: <https://www.searchtechnologies.com/blog/natural-language-processing-techniques>

