Research Purposes
- To survey on the past development of Thai NLP resources and tools, including lexicon resources, corpora, and Thai NLP tools.
- To understand current state and future research direction of Thai NLP.

Special Features of Thai Language
- Thai language is one of the under-resourced languages in the NLP domain, although it is spoken by nearly 70 million people globally.
- Thai language has unique writing system which lacks explicit delimiter of words.
- Thai syntactic grammar allows all Subject-Verb-Object, Subject-Object-Verb and Object-Subject-Verb structures.

Lexical Resources
Table below lists existing Thai lexical resources available publicly including Thai lexicons, Thai-English dictionaries, Thai WordNets, semantic lexicons, and Thai word embedding.

Thai NLP development Trend
The bar chart illustrates chronological view of publications on Thai NLP tools and language resources. It shows:
- Thai NLP research has experienced a slow development until 2006, since when the number of published Thai language resources has increased steadily.
- Since 2016 the number of Thai NLP publications, particularly on Thai language resources, has increased drastically.

Corpus Resources
Table below lists Thai corpus resources, including benchmark, treebank, name entity, sentiment, translation, and text classification and analysis corpora.

Thai NLP Software Tools
Table below lists publicly available Thai NLP tools and their reported accuracies, including basic Thai NLP, syntactic, and semantic tools.