

# NLP and Web Applications Final

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# SearchPTT



SearchPTT is a web app for exploring popular posts and trends on PTT. You can also "play" a selected post like listening to a podcast.

# Key Features

- Search
  - Search posts by different conditions
    - Board, keyword, author, push
  - List info of the posts
    - Time, title, author, summary, keyword, AID, URL
- Analyze
  - Search posts by different conditions
  - Analyze all posts
    - Popular keyword, average post sentiment, average push sentiment, locations
- Podcast
  - Play a selected post like listening to a podcast

# Structure

- Web Page
  - Based on Assignment 2
  - Javascript + Material UI
- APIs
  - Python + Flask
  - PTT crawling
  - NLP analysis ([SnowNLP](#), [WordCloud](#), ...)
  - [IPinfo](#)
  - Google TTS by [gTTS](#)