**Keyword Search System over IMDB XML document**

* + Choose source page that reads and parses XML doc
    - * Button to choose source xml file
      * Text area to display the content of XML
      * Event handling for two buttons
        + Choose source file to open file dialogue (choose XML file)
        + Load button to parse xml data to display content of the source file
  + Movie database search page accepts keywords for movie search
    - * Label
      * Text field
      * Button for search
        + Event handling for button (When clicked search results for the submitted query should be extracted and displayed in the text area)
        + Build Index for each keyword occurring in the database
  + Data visualization presents the most correlated keywords and their related co-relation score
    - * Four Radio buttons
        + Top 3 co-related keywords
        + Top 5 co-related keywords
        + Top 8 co-related keywords
        + Top 10 co-related keywords

Bar Chart (Top Occurring keywords)

Pie Chart (Each top occurring keyword with respect to frequency/co- occurring)