Real-Problem Finder using Natural Language Processing

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Abstract

At Present, technology advancement has rapidly influenced in our day to day life as well in our in our educational-section. Researchers have been struggling to identify specific real-world problems required for their purpose which is considered major issue in the academics also in researcher's professional. This user-implemented social web application provides an effective amount of real-problems posted by users from anywhere.

Involving researchers into real-world based projects plus in real profession environment is considered as the significant factor in software engineering course that is neglected in education environments. The Similarity Analysis Process from Natural Language Processing approach introduction gave the author an opportunity for perform potential modifications in the education sector. Hence, the real-world problem based projects have tended to develop the topics required for project thesis or an organization's project-proposal for several years. The key issues regards on the selection and classification of real-world problem based projects have been discussed for types of Text processing techniques as well.

The proposed prototype obtained a set of unstructured textual data from users . The results represents that reasonable performance of Text-Processing techniques approach in terms of reliable number of problem-descriptions and accuracy of Similarity Analysis.

***Keywords**: Similarity-Analysis, Text Preprocessing, Natural Language Processing, Education Domain, Classification*