Design Specification

for

Microminer

Version 1.0 Approved

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# Introduction

The Microminer and Key Word In Context (KWIC\*) system takes user input of urls and descriptions and produces a set of circularly shifted and alphabetically sorted descriptions as output. The user can then search the descriptions for a keyword and the system will return the appropriate URL and its description. The system will be a web-based system where a user can access a single page where they will enter input and be presented with output. Considering the simplicity of the system we will limit the scope of this document to the class design, which we will show using a UML Class Diagram. This design was created using a combination of Shared Data and OO architecture, which is also a 3-tiered client server architecture.

# Class Design

