

Intern Requirement

No. of students required	1-2
Preferred Discipline	<ul style="list-style-type: none">• Computer Science• Computer Engineering• Electrical & Electronic Engineering
Prerequisites/ Skills Required	<ul style="list-style-type: none">• Advanced knowledge in Java/C# programming• Knowledge in object-oriented design pattern• Basic knowledge in:<ul style="list-style-type: none">- web application server- full-text search engine; natural text processing techniques- document categorization

Project Details

Title	Automated Categorization/Classification System (AC2S)
Overview/Background	<ul style="list-style-type: none">• Information overload is a critical problem facing the enterprise today with the quantum leap in information volume after Web 2.0. To make any information useful, a taxonomic designation of each and every piece of information is imperative.• The classic problem of document categorization is largely accomplished using human efforts, even for large scale library system. However, this has reached a breaking point as the gap between rate of information increase and the rate of manpower increment widen. The cost and effort required to manually categorize document is hence prohibitive.
Objectives/Scope/ Deliverables	<p>The main objective of this project is to automate this classic process using state-of-the-art IT technologies and techniques. The intern is expected to develop an architecture for the the document classification problem.</p> <p>Additionally, the intern has to evaluate and improvise on existing documents classification system to meet unique organization needs and requirements. Upon project completion, the intern will be equipped with knowledge in advanced text processing and classification techniques, and ample exposure to the cutting edge IT technologies required to solve this classical problem.</p>
Project Duration	2-4 months