

Intern Requirement

No. of students required	1
Preferred Discipline	<ul style="list-style-type: none">• Computer Science• Computer Engineering
Prerequisites/ Skills Required	<ul style="list-style-type: none">• Experience in Documentum• Experience in Java EE / JSF• Middleware• Basic knowledge of Content Management System

Project Details

Title	Collaborative Real-Time Document Composition
Overview/Background	Collaborative real-time editing allows multiple users to work on a document simultaneously, while viewing changes made by other users at the same time. This is recently popularised by Google Docs, Etherpad and CollabEdit
Objectives/Scope/ Deliverables	Documents can be said to consist of multiple textual regions i.e. text slices. The intern will therefore be tasked to prototype a working collaborative real-time document editor that has the following features: <ul style="list-style-type: none">• compose/edit documents based on slices from other documents. Slices should be independent of each other (i.e. possible to remove certain portions of a document without affecting others) and retain links to the documents they were taken from• allow for collaborative editing of various slices of a document simultaneously by multiple users• cater to changes which are reflected to other users in near real-time
Project Duration	6 months