

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 analysis and design principles required• Knowledge of Python programming preferred• Basic web/database design and administration experience• Familiarity with ePUB/Mobi formats will be useful

Project Details

Title	Information Dissemination using E-Readers
Overview/Background	<ul style="list-style-type: none">• In a fast paced environment, having mobility in access to information is ideal.• While there are many ways in which this could be achieved, this project examines the feasibility through the use of low cost e-readers.
Objectives/Scope/ Deliverables	<ul style="list-style-type: none">• Examine and explore the use of ePUB and Mobi formats to disseminate information as publications• Build a simple information repository that allows selective results from a search engine to be exported as e-publications• Adds the ability to modify metadata of ePUB and Mobi formats• Extract user created data (e.g. highlight, annotation, etc) on the e-reader and trace their origin down to article level• Build a simple web interface for users to review their data created on the e-reader before submission to backend systems• This project will further enhance the intern's development experience while providing the opportunity to work with e-reading devices e.g. Amazon Kindle
Project Duration	<ul style="list-style-type: none">• 4 months, or• 6 months