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The Hand Drawn Web Editor

A thesis presented in partial fulfilment of the requirements
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Abstract

The Web is increasingly the most important part of the Internet for many users. Millions of new Web pages are being posted in the Internet everyday. The Internet has also become a mass-medium for lecturers distributing the lecture notes.

Most of the Web editors currently available in the market can not provide the users, especially the lecturers, with a convenient way to handle special scientific symbols or characters that are not on the keyboard directly. It always takes several steps to insert or edit those special characters. It slows down the data input dramatically.

Hand Drawn Web Editor (HDWE) is a stand-alone electronic publishing application. It is designed to provide the user with the integrated environment to edit and browse Html documents. It can also provide a user with a Hand Drawn Panel (HDP) so that he or she can input and edit special scientific symbols and characters freely upon the request.

The development environment, frameworks, tools have been discussed in detail. The full development life cycle has been documented using Rational Rose. Some problems have been encountered and their solutions have been described.

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List of Acronyms

API	:	Application Programming Interface
AWT	:	Abstract Windowing Toolkit
GUI	:	Graphical User Interface
JAR	:	Java Archive File
JDK	:	Java Development Kit
JIT	:	Just In Time Compiler
JFC	:	Java™ Foundation Classes
HDP	:	Hand Drawn Panel
HDWE	:	Hand Drawn Web Editor
IDE	:	Integrated Development Environment
MDI	:	Multiple Document Interface
MVC	:	Model-View-Controller architecture
PL&F	:	Pluggable Look and Feel
RMI	:	Remote Method Invocation
VM	:	Virtual Machine