

1.0 INTRODUCTION

i-Nilam Monitoring System (Inms) is a system that provides information about reading material that will be held in the school and Kementerian Pendidikan Malaysia(KPM) to all students in the school either primary or secondary school for them to have details of information about their reading material quickly and systematically. By through this system it will be provide the information of about reading material that have been made by student such as title of book, author of book, publisher of book, type of material, and summaries of book. Other than that, by creating this system, student can become more interesting in reading of book beside to building reading habit among student in school. This is because, when manual system change to the electronic system it can made student more interesting because student do not need to buys a book and they also can reading and register book at anywhere no focus at the only school place.

Therefore, the main problem that make researcher want to build this system because students nowadays are too lazy in reading. With this system, it will make student more attract to use this modern system beside to encourage reading habit among student. Hence, researcher think that this system will be encouraging among student, because every year Kementerian Pelajaran Malaysia(KPM) make a contests of a top reader in nasional level. Lastly, researcher hope by creating this system students will be more interesting in reading and this system will be continuous and success to produce.

2.0 STATEMENT OF PROBLEM

- Difficult to check the information about reading material made by the student
- Students always losing their NILAM's book
- Need of money when using the manual system of NILAM
- Students are not interested in using the manual system

3.0 DEVELOPER PROFILE – INMS



PERSONAL BACKGROUND

Muhammad Faris Bin Zakaria

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Lot505, Jln Lebuhraya Kg Kandis 16800 Pasir Puteh, Kel

EMAIL: muhdfaris9494@gmail.com

EDUCATION

SMK GAAL : 2007-11

University Technology of Mara : 2013- 2015

Diploma in Information Management

University Technology Mara : 2016 - 2018

Bachelor in Information System Management

SKILL

- ✓ The ability to learn concepts and apply them to other problems
 - ✓ A passion for problem solving
 - ✓ Good communication skills
 - ✓ Confidence around a computer
- ✓ Professional in computer programming language (PHP,HTML)

4.0 OBJECTIVE OF THE PROJECT

- Being an integrated online system to reduce paper work
- To allow school to monitoring the student activities
- To give data information about students activities
- To allow school have a systematically in collecting data
- The ability to display all data information in one place
- To build a reading habit among student continuously

5.0 SCOPE AND LIMITATIONS OF THE PROJECT

5.1 Scope

The scope of the system is to develop i-Nilam Monitoring System that can able to give the solution to a school and KPM to monitoring the activities of students. Through this system, it will easy to organizer for managing data information have been made by students in school. Also than that, student also will get their data information. The scope of this system also cover students and staff in school and KPM. For the student, they can able to register their reading material in the system and for the staff they will able to see how much reading material that have been made by students in school.

5.2 Limitation

During developing the i-Nilam Monitoring System, there are many limitations that facing. Below that are the details and reason of the limitation during creating i-Nilam Monitoring System that are faced by the developer.

- a) The developer does not have time to search any software that can use in developing this system.
- b) The developer need a time to understand of the sructure of the system that need to develop in what exactly need to fill in the system.
- c) The developer does not time to study a computer language beside low knowledge about in PHP,HTML and CSS. Beside that, developer need to understand how to use the right way wampserver.

6.0 GANTT CHART

Task Name	Duration	Start	Finish
Gather information	20 days	26/9/2018	14/10/2018
Identify problem	5 days	15/10/2018	20/10/2018
Analyze solution	10 days	21/10/2018	31/10/2018
Drafting diagram and storyboard	15 days	1/11/2018	15/11/2018
Develop system	30 days	16/11/2018	16/12/2018

Task Name	SEPT	OCT	NOV	DEC
Gather information				
Identify problem				
Analyze solution				
Drafting diagram and storyboard				
Develop system				

7.0 ESTIMATED BUDGET AND COST REQUIRE FOR THE PROJECT

Below are the estimated budget and cost of hardware and software require in order to develop the iNMS system.

NO	ITEMS	DECRPTION	QUANTITY	PRICE (RM)
HARDWARE				
1	Mouse	Logitech M170 Wireless Mouse	1	26
2	Laptop	Acer Aspire 5 A515-51G-59Z0 15.6" FHD LED Laptop - i5-8250U, 4gb ram, 1tb hdd, NVD MX150, W10, SteelGrey	1	1788
3	Scanner	HP DeskJet Ink Advantage 3776 All-in-One Printer T8W39B Seagrass Green	1	255
SOFTWARE				
	Wampserver	Wampserver 32bit	1	Free
	Web Browser	Google Chrome	1	Free
	Adobe Dreamweaver	Adobe Dreamweaver CC 2017	1	1,655
DEVELOPER				
1	Cost of Developer		1	750

8.0 HARDWARE AND SOFTWARE DETAILS USE IN THE PROJECT

8.1 HARDWARE

8.1.1 Logitech M170 Wireless Mouse



NO	PARTS	SPECIFICATION
1	Mouse (height x width x depth)	97.7 mm (3.85 in) x 61.5 mm (2.42 in) x 35.2 mm (1.39 in)
2	System requirements	Windows® 7, Windows 8, Windows 10 or later Mac OS® X 10.8 or later Chrome OS™ Linux® kernel 2.6+ USB port
3	Technical specifications	Connection Type: 2.4 Ghz wireless Wireless range: 10 m (33 ft) Battery: 1 x AA Battery life: 1 year

8.1.2 Acer Aspire 5 A515-51G-59Z0 15.6" FHD LED Laptop

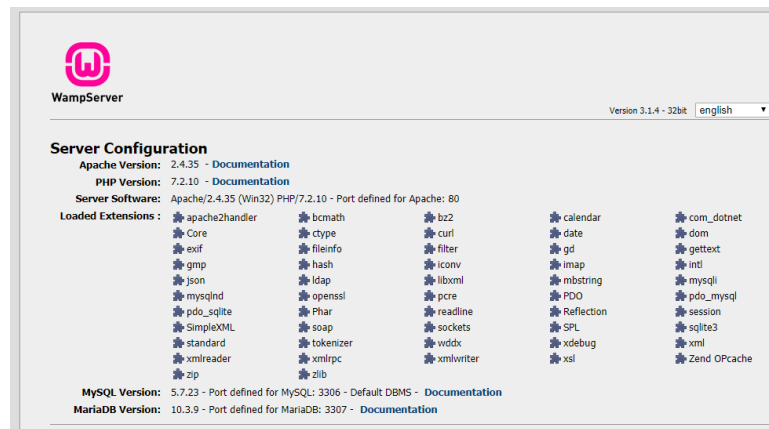
NO	PARTS	SPECIFICATION
1	Operating System	Windows 10 Home
2	Processor	Intel® Core™ i5-8250U processor (6 MB Smart Cache, 1.6 GHz with Turbo Boost up to 3.4 GHz)
3	Memory(RAM)	4GB DDR4 RAM (4GB DDR4 x 1, upgradable to 16GB DDR4)
4	Connectivity	Acer 802.11b/g/n Wireless, Bluetooth® 4.0, Gigabit Ethernet
5	Storage	1TB SATA HDD
6	Display	15.6" Full HD 1920 x 1080, high-brightness Acer ComfyView™ LEDbacklit LCD
7	Graphic Card	NVIDIA® GeForce® MX150 with 2 GB of dedicated GDDR5 VRAM
8	Dimensions (W x D x H)	381.6 x 263 x 21.6 mm
9	Weight	2.2 kg

8.1.3 HP DeskJet Ink Advantage 3776 All-in-One Printer T8W39B Seagrass Green

NO	PARTS	SPECIFICATION
1	Print Speed (Draft)	Print speed up to 8 ppm (black) and 5.5 ppm (color)
2	Connectivity	1 Hi-Speed USB 2.0
3	Monthly Duty Cycle	Up to 1000 pages
4	Functions	Print, copy, scan, wireless
5	Paper Input	60-sheet input tray
6	Paper Output	25-sheet output tray
7	Scan Resolution	Scan resolution, hardware: Up to 1200 dpi, Scan resolution, optical: Up to 600 dpi
8	Dimensions (W x D x H)	Minimum dimensions (W x D x H): 403 x 177 x 141 mm, Package dimensions (W x D x H): 450 x 175 x 246 mm
9	Weight	Weight: 2.33 kg, Package weight: 3.34 kg
10	Power Supply	Internal
11	Operating System	Windows 10, Windows 8.1, Windows 8, Windows 7, Windows Vista, Windows XP SP3 (32-bit)

8.2 SOFTWARE

8.2.1 Wampserver



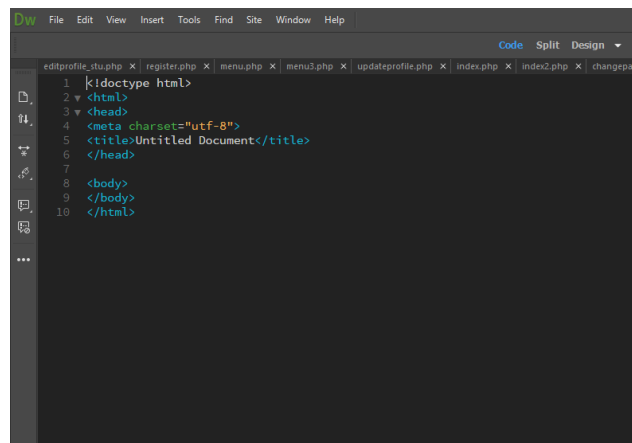
Wampserver, is a software that allows you to use your computer as a local server, and "host" websites on it. It is a very useful tool to check how your website would work on a dedicated server, especially for back-end aspects, like PHP and MySQL. It is a package used by PHP developers to develop their web projects on their local windows system. WAMP is full form of software stack named Windows, Apache, MYSQL, PHP. It is variation of LAMP for Windows. It is used for testing webpages without publishing them live on the internet. In short it is used for off-line preview of webpages so developer can easily get idea to how their webpage looks on real web browser.

8.2.2 Google Chrome



In the simplest sense, Google Chrome is a web browser, a piece of computer software that you use to access the World Wide Web. It shares the web browser category with software such as Mozilla Firefox, Internet Explorer, Apple Safari, Opera, Vivaldi, Konqueror and many others.

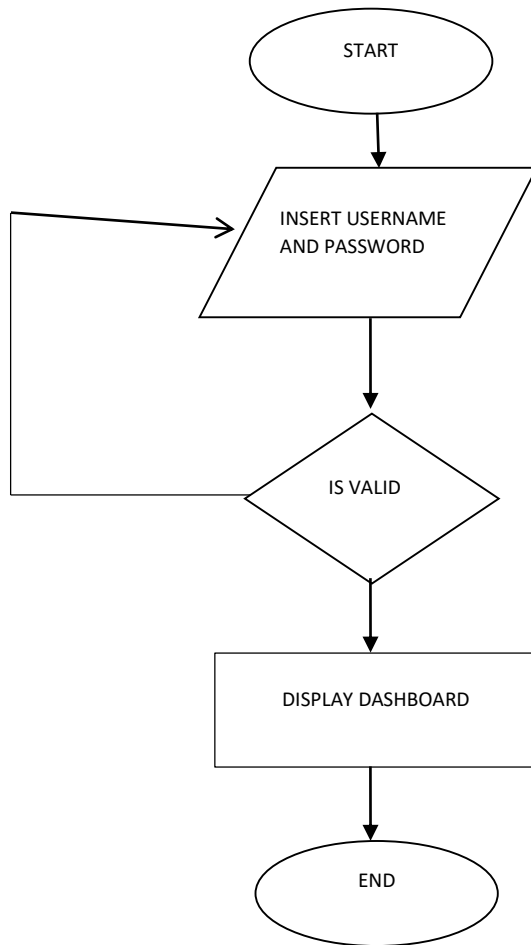
8.2.3 Adobe Dreamweaver CC 2017



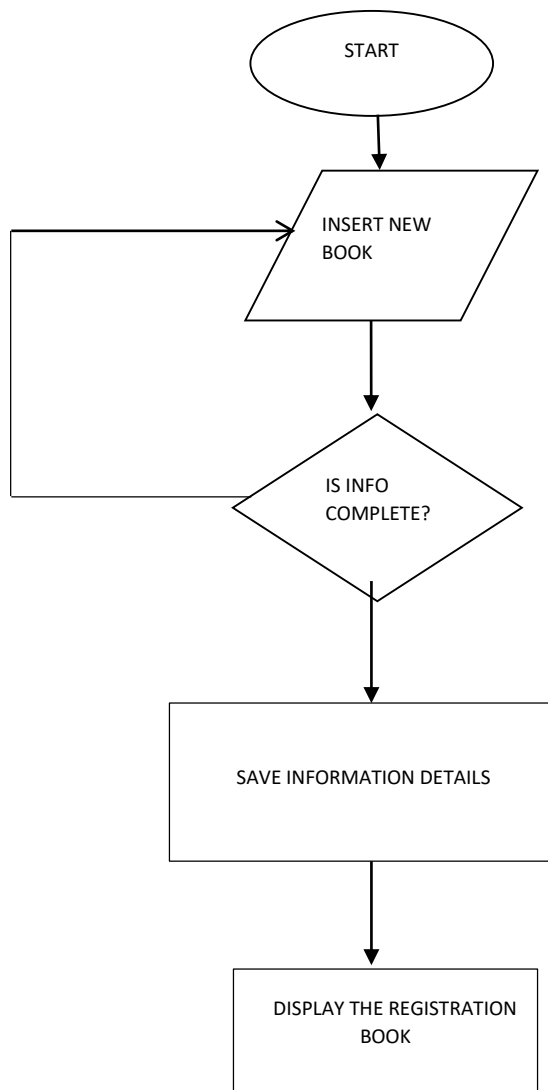
Adobe Dreamweaver is a software program for designing web pages, essentially a more fully featured HTML web and programming editor. The program provides a interface to create and edit web pages. Dreamweaver supports many markup languages, including HTML, XML, CSS, and JavaScript. As for human languages, it supports English, Spanish, French, German, Japanese, Chinese (both simplified and traditional), Italian, Russian, and many more.

9.0 SYSTEM FLOWCHART

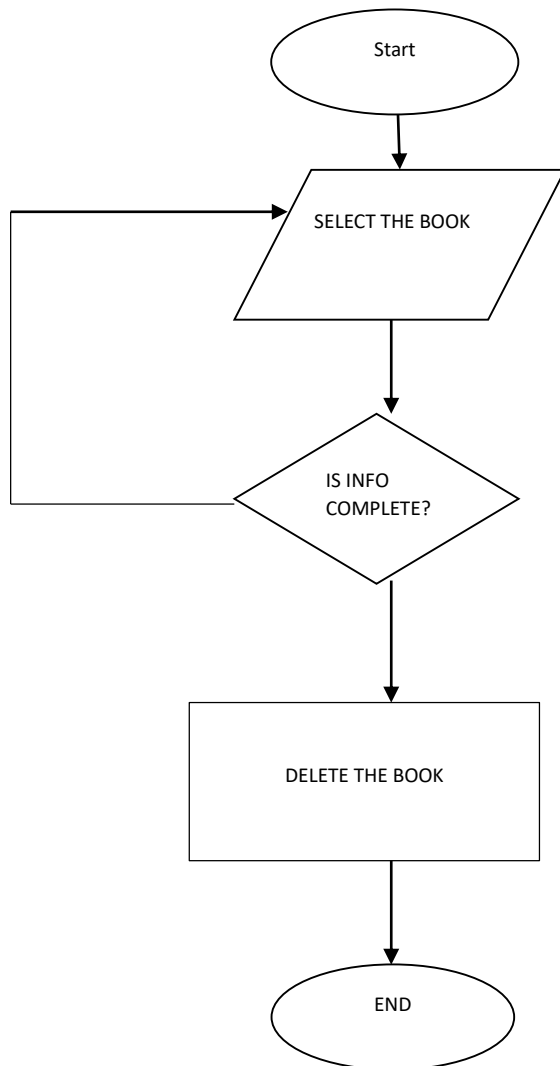
9.1 Login



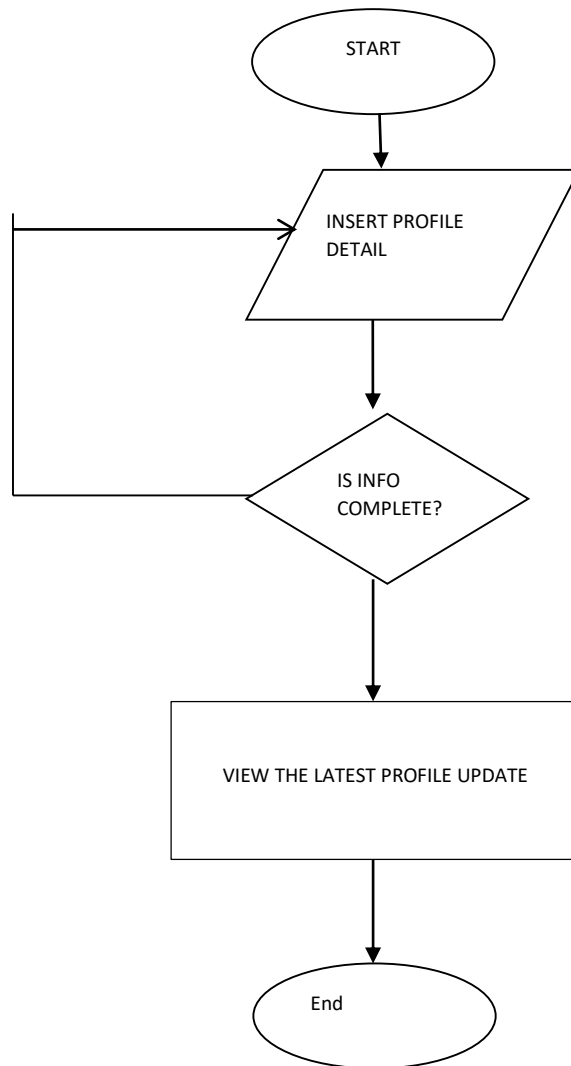
9.2 Add new book



9.3 Delete the book



9.4 Update Profile



10.0 STORYBOARD

10.1 Main Page

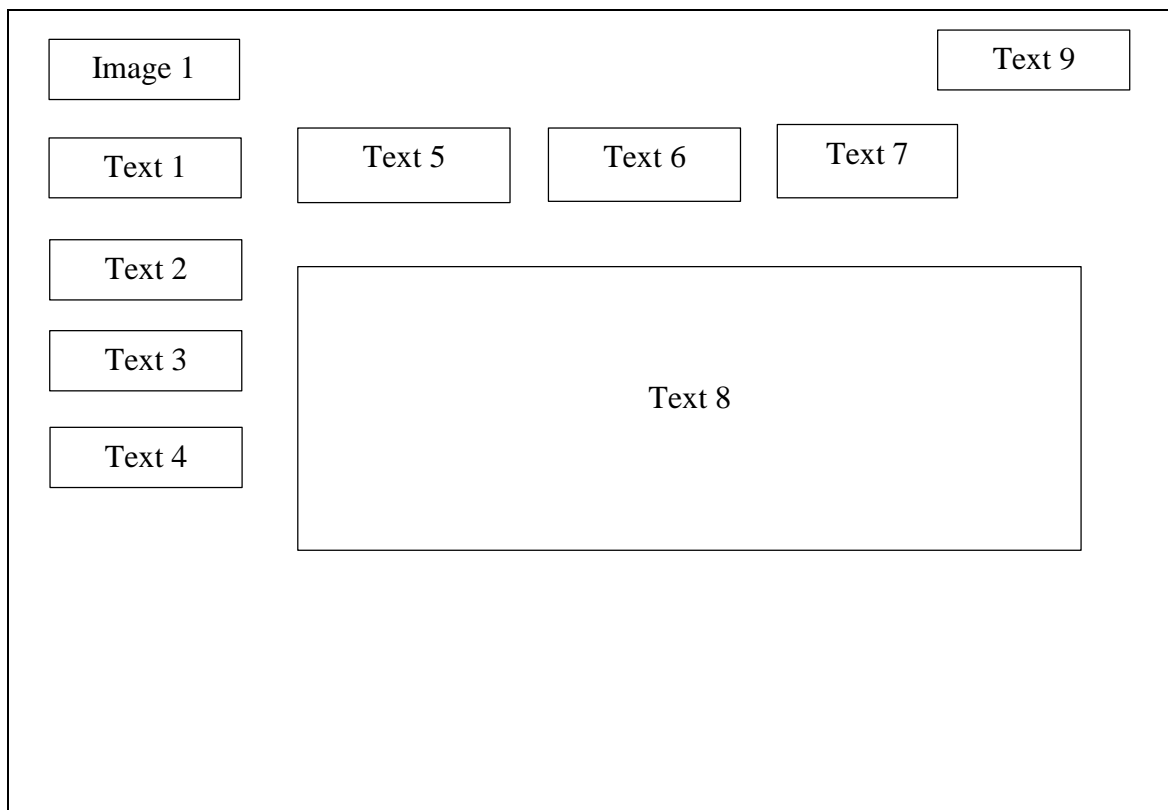


Image 1: Profile Picture

Text 1: Home

Text 2: Profile

Text 3: register book

Text 4: List of Reward Point

Text 5: Total of Book

Text 6: total of reward point

Text 7: Ranking

Text 8: Table of registration book

Text 9: Sign out

10.2 Login User, Admin, Lecturer

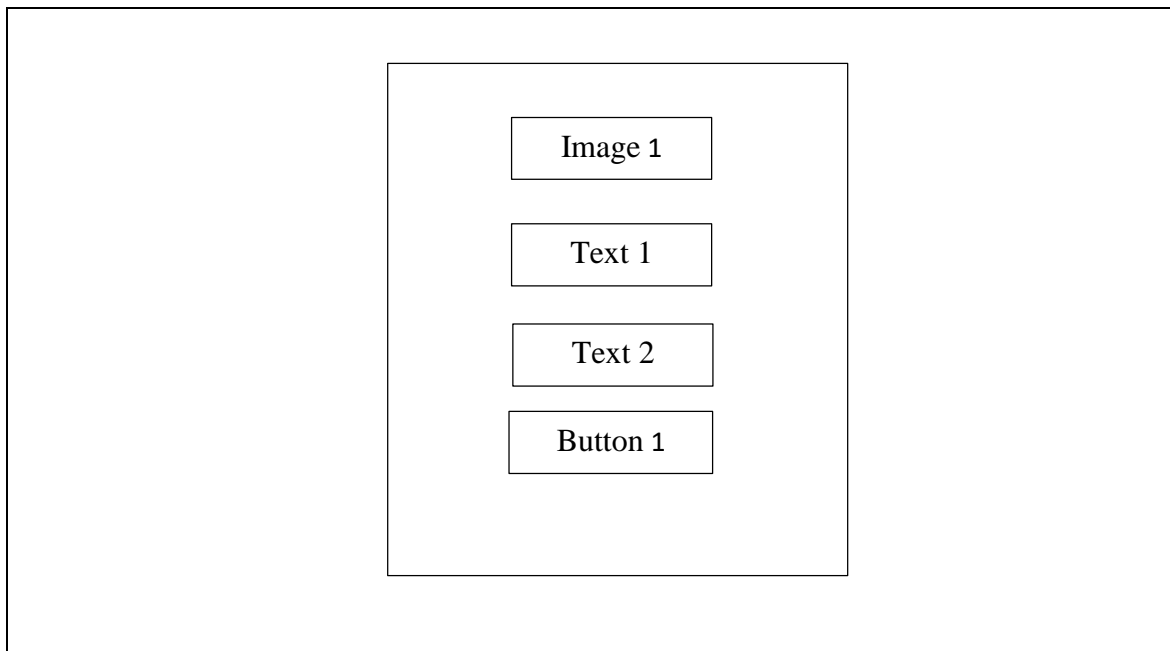


Image 1: Nilam

Text 1: Username

Text 2: Password

Button: Login

10.3 Register user

The image shows a registration form with ten text input fields and one button, arranged vertically. The fields are labeled Text 1 through Text 10, and the button is labeled Button 1. The form is contained within a rectangular border.

Text 1: Username

Text 2: Password

Text 3: Name

Text 4: Indentity Card

Text 5: Address

Text 6: Postcode

Text 7: City

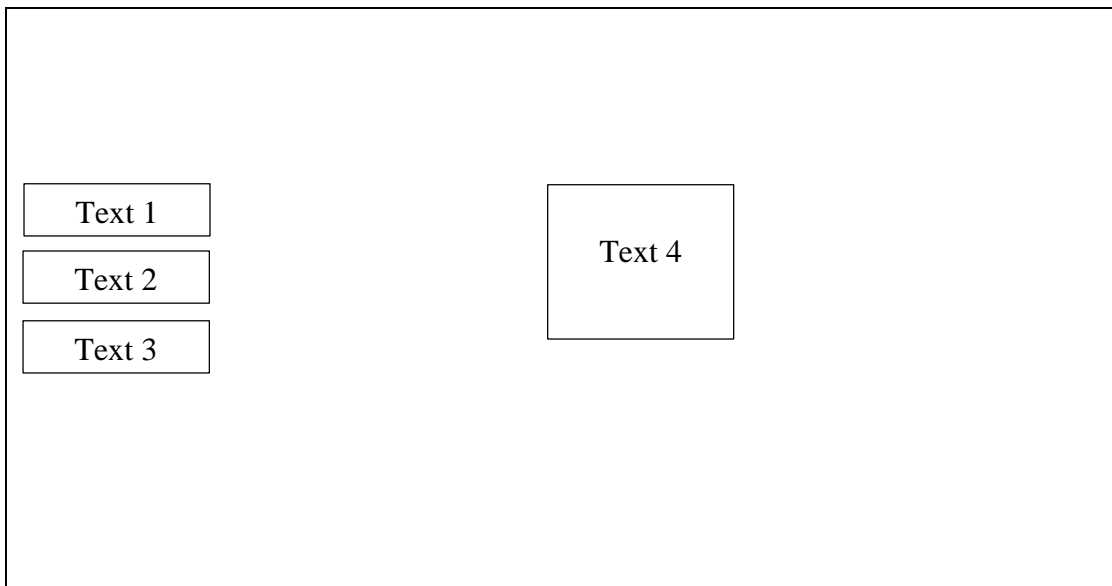
Text 8: State

Text 9: Telefon

Text 10: Email

Button 1: Register

10.4 View profile for user and admin



Text 1: Profile

Text 2: Update Profile

Text 3: Change Password

Text 4: User Profile

10.5 Update profile for user and admin

	Text 4	
Text 1	Text 5	
Text 2	Text 6	
Text 3	Text 7	
	Text 8	
	Text 9	
	Text 10	Button 1

Text 1: Profile

Text 2: Update Profile

Text 3: Change Password

Text 4: Name

Text 5: Indentity Card

Text 6: Address

Text 7: Postcode

Text 8: City

Text 9: State

Text 10: Telefon

Button 1: Update

10.6 Register new book for user

	Text 3
Text 1	Text 4
Text 2	Text 5
	Text 6
	Text 7
	Text 8
	Text 9
	Text 10
	Button 1

Text 1: New

Text 2: Delete

Text 3: Title

Text 4: Author

Text 5: Publisher

Text 6: URL

Text 7: Pages

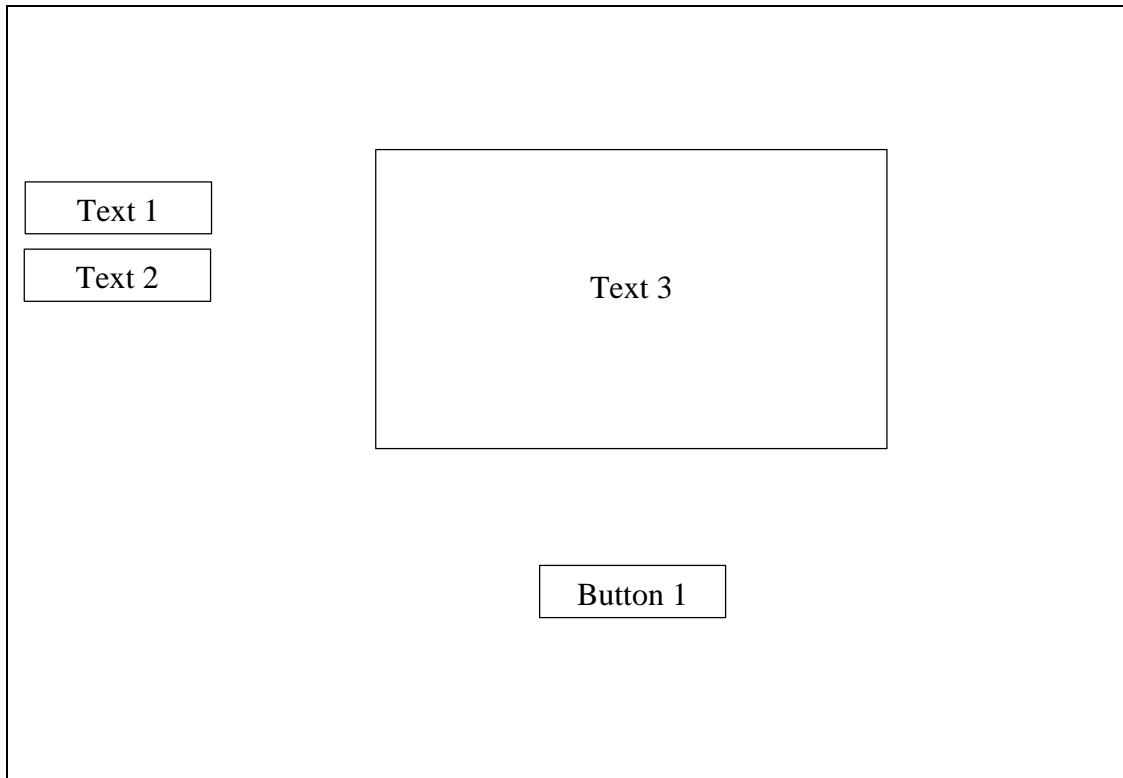
Text 8: Material

Text 9: Type of material

Text 10: Summary

Button 1: Submit

10.7 Delete book for user



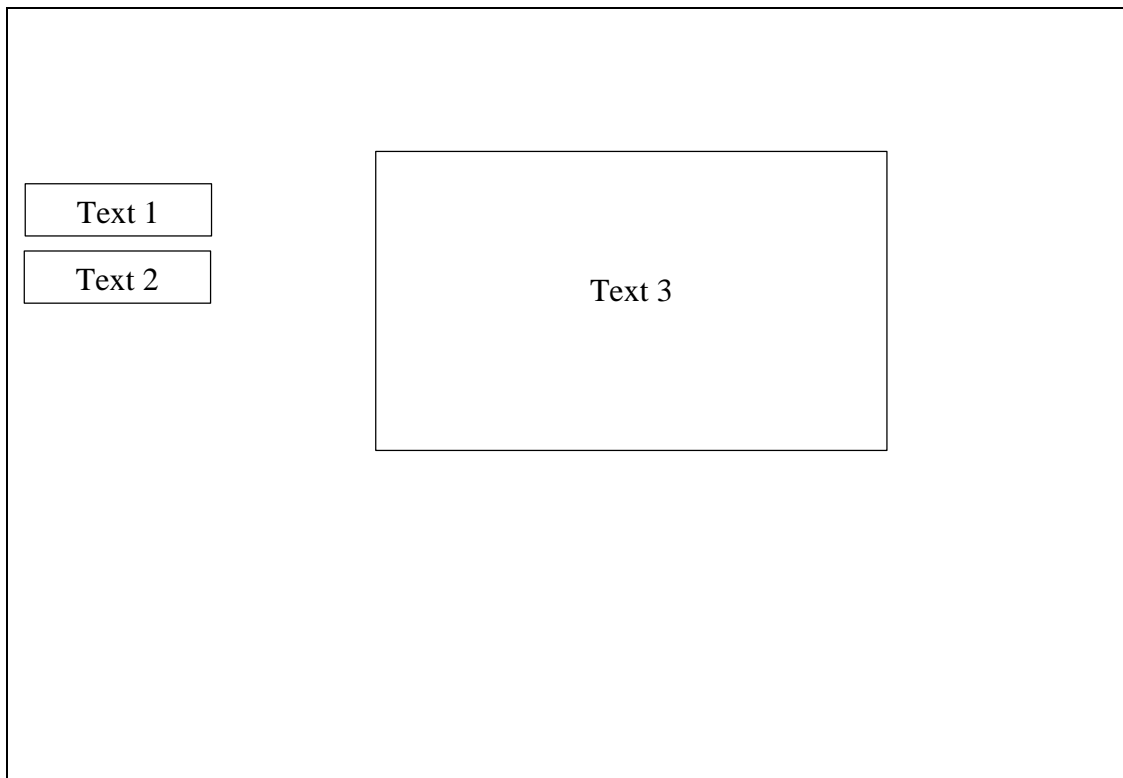
Text 1: New

Text 2: Delete

Text 3: Table of registration book

Buton 1: Submit

10.8 List of book material

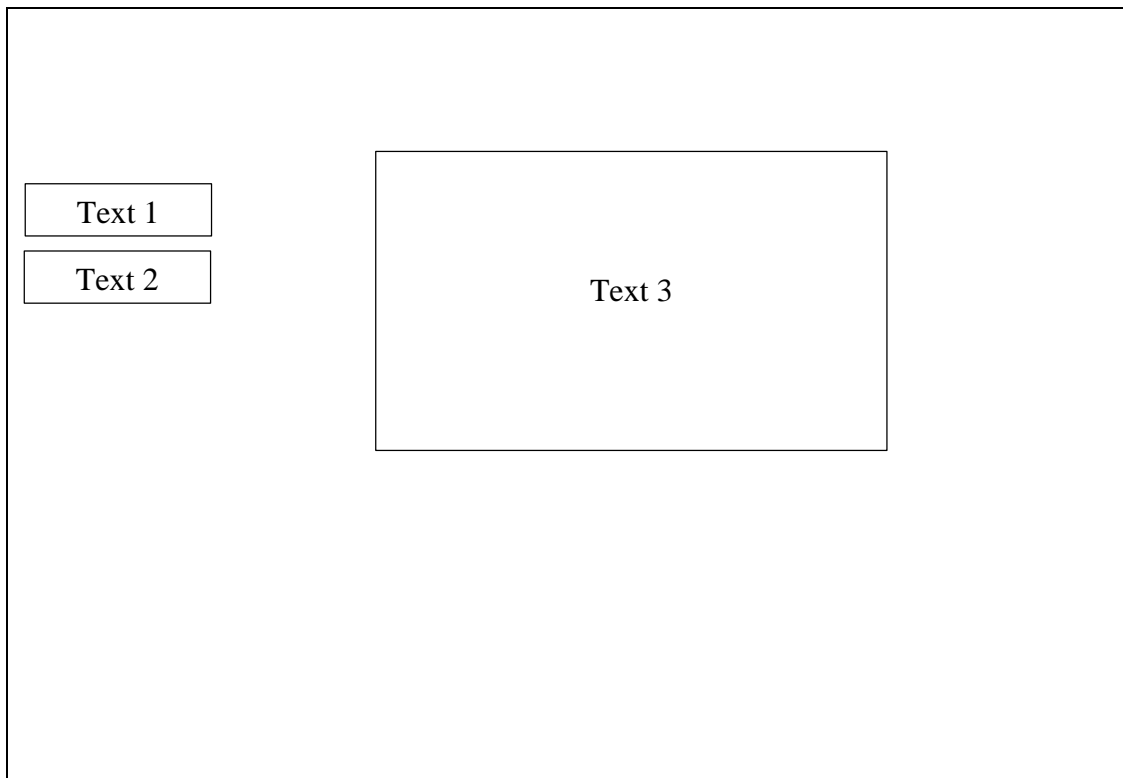


Text 1: Book material

Text 2: Non-book material

Text 3: List of book material

10.8 List of non-book material

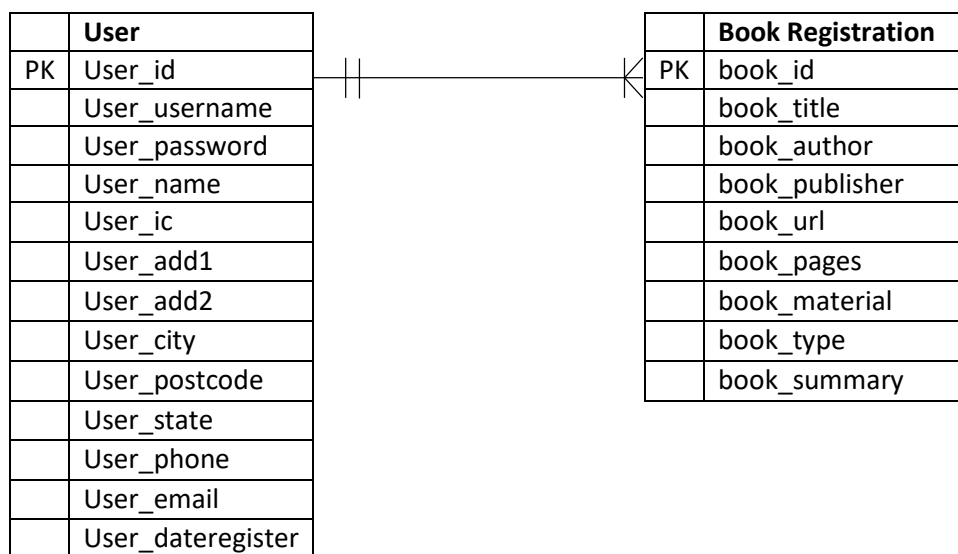


Text 1: Book material

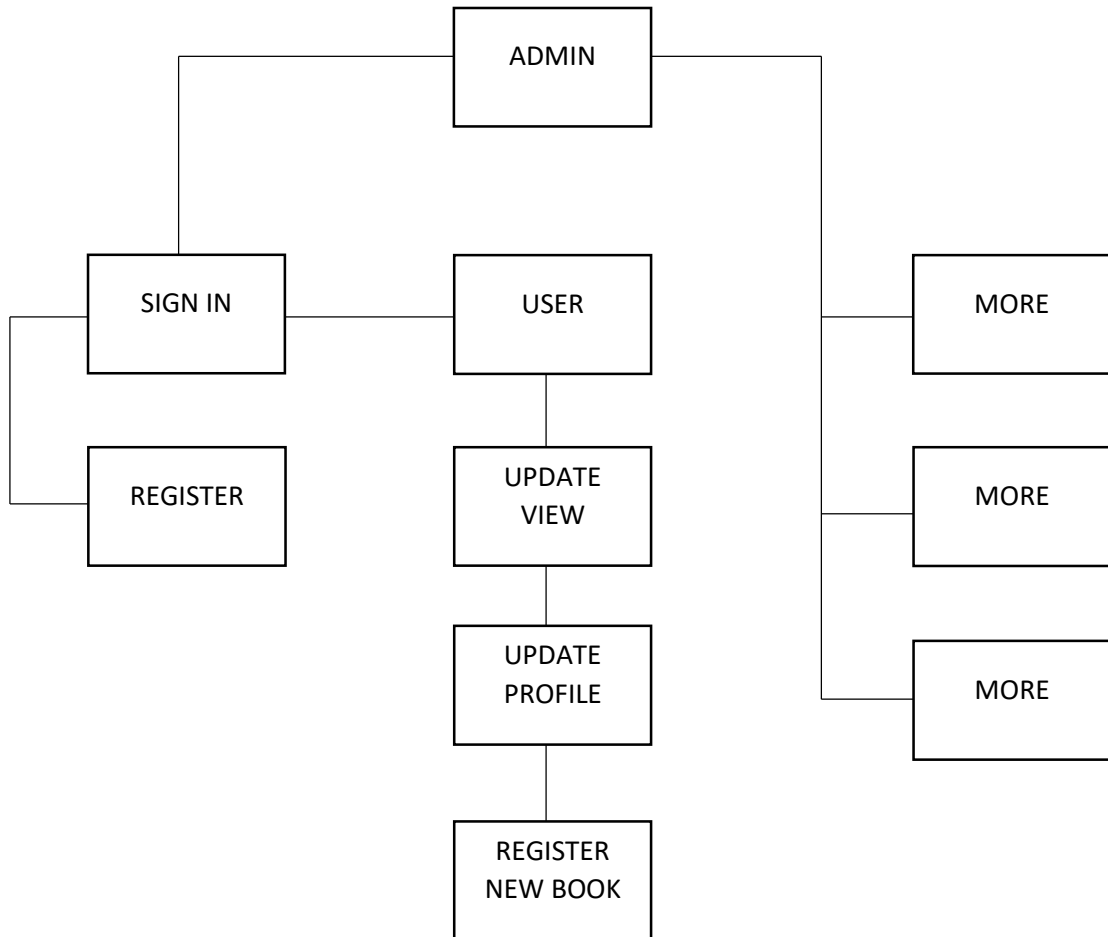
Text 2: Non-book material

Text 3: List of non-book material

11.0 ERD diagram



11.1 Web system structure



Login NILAM

Sign in to start your session






 Remember Me

[I forgot my password](#)

[Register a new membership](#)

logo.png LTE

Alexander Pierce
Online

MAIN NAVIGATION

[Dashboard](#)

[Menu Utama](#)

[Profil](#)

[Daftar Buku](#)

[Senarai Mata Ganjaran](#)

[Examples](#)

Dashboard MENU

7

Bilangan Buku



[More info](#)

44

Jumlah Mata Ganjaran



[More info](#)

65

Kedudukan



[More info](#)

Senarai Bahan Bacaan

BIL	TAJUK	TARIKH	Nama Pengarang	Penerbit	Bil. M/S	BAHAN	JENIS BAHAN
183	wd	11-7-2014	fdf	dfs	12	Buku	Majalah
183	dwd	11-7-2014	abu	aku	11	Buku	Majalah

logo.png LTE
☰
Alexander Pierce

Alexander Pierce
Online

MAIN NAVIGATION

- Dashboard
- Menu Utama
- Profil
- Daftar Buku
- Senarai Mata Ganjaran
- Examples

Dashboard
MENU
MENU > Dashb

Profil

Nama Pengguna
abu

Nama Penuh
Malibu, California

No. Kad Pengenalan
Malibu, California

Alamat
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam fermentum enim neque.

Bandar
Malibu, California

logo.png LTE
☰
Alexander Pie

Alexander Pierce
Online

MAIN NAVIGATION

- Dashboard
- Menu Utama
- Profil
- Daftar Buku
- Senarai Mata Ganjaran
- Examples

Dashboard
MENU
MENU

Kemaskini Profil

Nama:

No. Kad Pengenalan:

Alamat:

Poskod:

Bandar:

Negeri:

No. Telefon:

Gambar Profil: No file chosen
Example block-level help text here.

logo.png LTE Alexander Pierce Online

Alexander Pierce Online

MAIN NAVIGATION

- Dashboard
- Menu Utama
- Profil
- Daftar Buku
- Senarai Mata Ganjaran
- Examples

Dashboard MENU MENU > Dashboard

Tukar Kata Laluan

Kata Laluan Lama

Kata Laluan Baru

[Kemaskini](#)

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MAIN NAVIGATION

- Dashboard
- Menu Utama
- Profil
- Daftar Buku
- Senarai Mata Ganjaran
- Examples

Dashboard MENU MENU > Dashb

Quick Example

Tarikh:

Tajuk

Nama Pengarang

Penerbit

Alamat URL (Jika Sumber Melalui Internet)

Bil. Muka Surat