



SEMKA CHRISTIAN UNIONS
MANAGEMENT INFORMATION SYSTEM
{SCUMIS}

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Semeka Technologies

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ABOUT

Christian Unions are students based evangelical groups, majorly referring to Christian student's society. Despite being large denominational groups, Most University and College Christian Unions activities are run manually. This has brought about to rise of management problems nearly tearing them apart. Some of identified problems are but not limited to: Manual registration of new Union members, Keeping of the membership records which are kept in physical cabinets, Recording and handling of ministries data and information, Keeping different groups data e.g. bible study and BEST-P groups, Manual accounting, recording and tracking of Union assets and resources e.g. Union owned furniture's and public address systems, recording and tracking events data, Union library resources management, Keeping records of union contributions, tithing and offerings and accounting of the union cash flow, registering and keeping data of associates, The union leaders, preachers and their sermons among other un identified problems.

The proposed Christian Unions Management Information System is a web based data and information recording, analyzing, tracking and accounting tool aiming at solving the above named problems among others. In addition to having many integrated features, the system is customizable to meet new requirements, adapt to evolving technologies, portable and accessible anywhere.

The proposed system is composed of a management information system, student portal and a website fully synchronized for data sharing and communication.

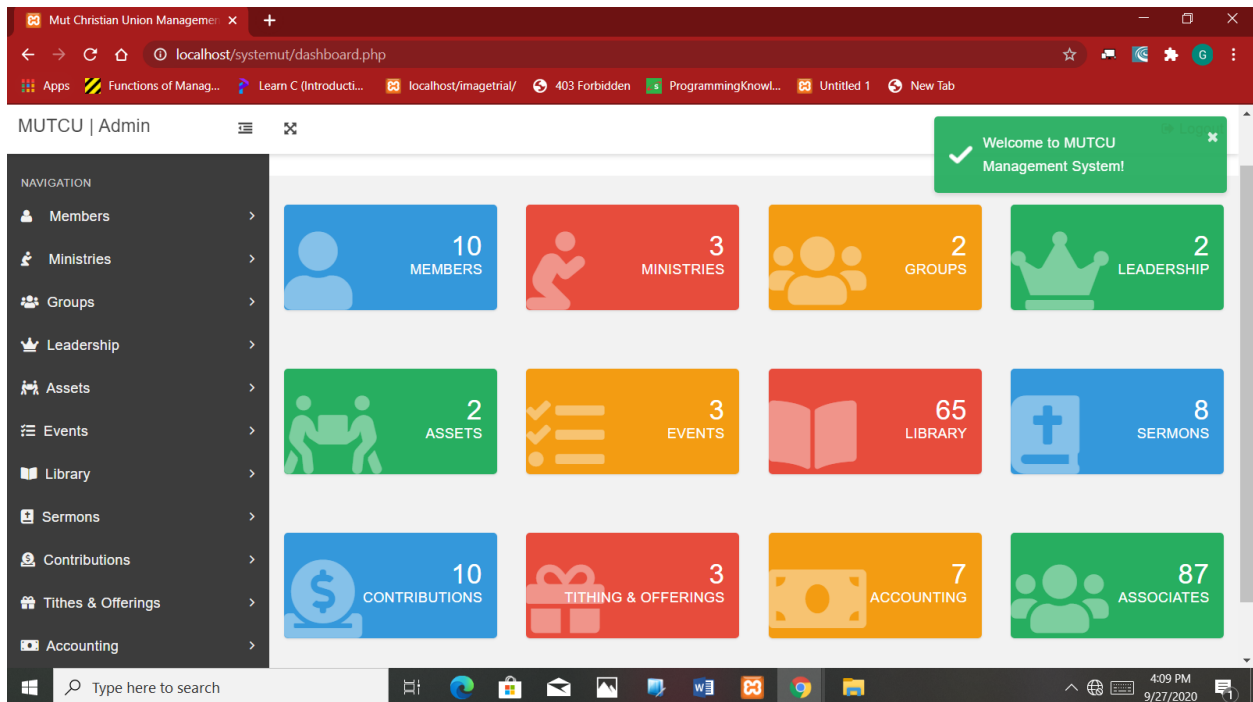
The system also has an automated report generation feature which delivers ready to print pdf form reports.

The main features of the system are described below.

1) MAIN DASHBOARD

As shown below, this is the main part of the system. The dashboard provides easy navigation to the system modules, and count of items under each module. For instance in the below use case, the system shows that the total number of registered members is 10.

To navigate to any module or part of the system, you just have to click the item link.



2) MEMBERS MODULE.

The members' part displays the union member's information like names, contacts, course and year of study among others. Provided also is a new member registration form for adding a new member. Also members can register themselves through their union portal.

Through the members interface you can also delete or edit a member record, filter members by their courses, year of study or gender.

MUTCU | Admin Logout

Dashboard

NAVIGATION

- Members
- Ministries
- Groups
- Leadership
- Assets
- Events
- Library
- Sermons
- Contributions
- Tithes & Offerings

Manage Members

Home / Members / Manage Members

View Members Info

[Download Pdf](#)

Show entries Search:

#	Student Name	Reg No	Contact	Course	Year	Reg Date	Action
1	George Muema	Sc212/1001/2018	705030613	BSC Software Engineering	Third Year	2020-09-20 16:11:13	Edit Delete
2	Mary Nthenya	Be213/109/2017	798169162	BSC In Criminology And Security Studies	Third Year	2020-09-20 16:13:54	Edit Delete

MUTCU Admin Logout

Home / Student Registration

Fill the Student info

Full Name

Reg Number

Contact No

Email id

Gender Male Female Other

Program

Year Of Study

[Add](#)

3) MINISTRIES MODULE

This part display ministries information, an interface for registering a new ministry, edit and delete features and also link for viewing each ministry members

MUTCU | Admin Logout

Manage Ministries

Home / Ministries / Manage Ministries

View Ministries Info

[Download Pdf](#)

Show entries Search:

#	Ministry Name	Current Leader	Meeting Days	Meeting Venue	Contacts	Reg Date	View	Action
1	Choir Ministry	Mercy Mwetu	Thursday,Saturday	F3.1	0742565027	2020-09-26 13:32:24	Members	✎ ✖
2	Ushering Ministry	Hinga Harrison	Wednesday,Thursday	F1.1	0789345678	2020-09-21 11:58:01	Members	✎ ✖

Windows taskbar: Type here to search, 1:28 PM 10/7/2020

The member's link under the view column is a link to the specific ministry members. For instance shown below is the list of members of the choir ministry.

MUTCU | Admin Logout

Manage Ministry Members

Home / Members / Manage Ministry Members

View Students Info

[Download Pdf](#)

[Add Member](#)

Show entries Search:

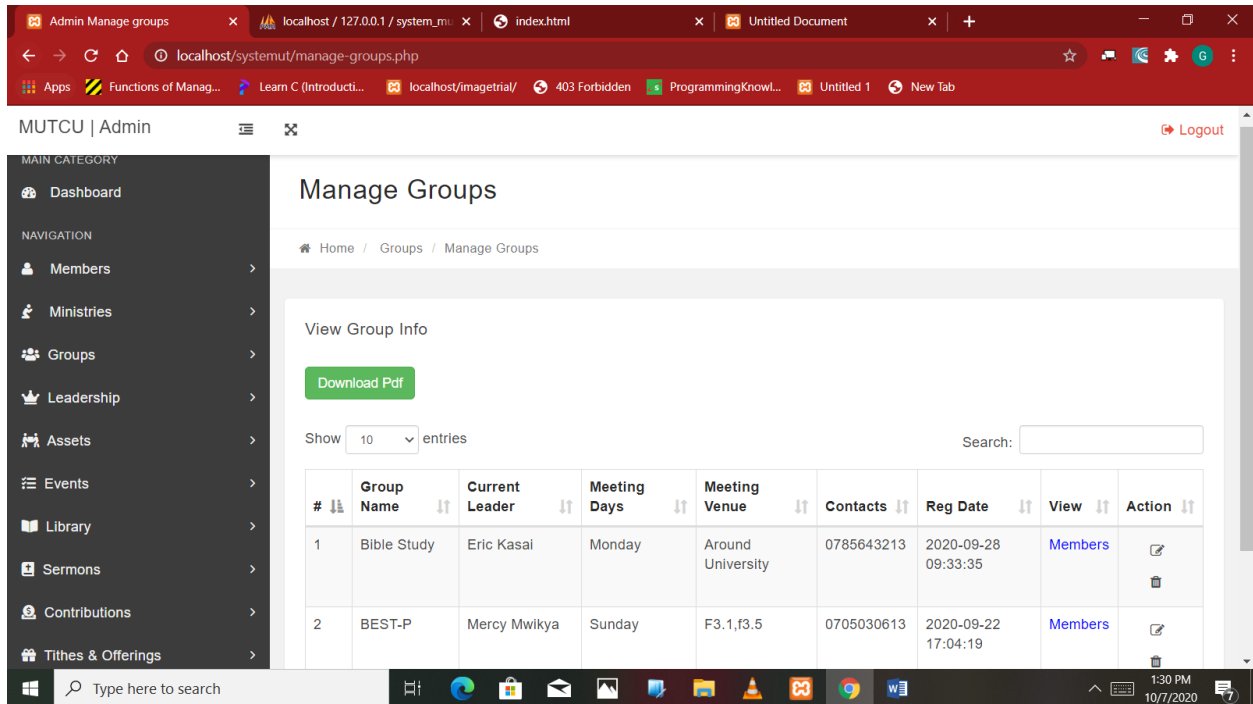
#	Student Name	Contact	Course	Year	Gender	Action
1	Mary Nithenya	798169162	BSC In Criminology And Security Studies	Third Year	Female	✎

Showing 1 to 1 of 1 entries Previous **1** Next

Windows taskbar: Type here to search, 1:29 PM 10/7/2020

4) GROUPS MODULE

Same to the ministry module, group part shows different groups information including, current leader, meeting days, venue and contacts of the current overall leader. Also provided is a interfaces for adding a new group, deleting or editing a group information and viewing group members.



The screenshot shows the 'Manage Groups' page in the MUTCU Admin interface. The page includes a sidebar with navigation options like Dashboard, Members, Ministries, Groups, Leadership, Assets, Events, Library, Sermons, Contributions, and Tithes & Offerings. The main content area displays a 'View Group Info' section with a 'Download Pdf' button and a table of groups. The table has columns for #, Group Name, Current Leader, Meeting Days, Meeting Venue, Contacts, Reg Date, View, and Action. Two groups are listed: Bible Study and BEST-P.

#	Group Name	Current Leader	Meeting Days	Meeting Venue	Contacts	Reg Date	View	Action
1	Bible Study	Eric Kasai	Monday	Around University	0785643213	2020-09-28 09:33:35	Members	Edit Delete
2	BEST-P	Mercy Mwikya	Sunday	F3.1,F3.5	0705030613	2020-09-22 17:04:19	Members	Edit Delete

For instance above records or two groups' i.e. bible study and BEST-P are shown.

5) LEADERS BOARD

This module shown records of the Union leaders and additional features for editing, deleting and adding a new leader

MUTCU | Admin Logout

Manage Leaders

Home / Leaders / Manage Leaders

View Leaders Info

[Download Pdf](#)

Show entries Search:

#	Student Name	Post	Area	Contact	Year	Reg Date	Action
1	Alex Mutukui	Chairman	MutCu	75344232	Fourth Year	2020-09-23 11:47:24	Edit Delete
2	Jackson Samburu	Secretary	Bible Study	75464522	Third Year	2020-09-23 16:06:04	Edit Delete

6) ASSETS MODULE

This part provides an interface for managing the union assets/resources like chairs, books, public address systems etc. Information recorded include asset name, total units, official in charge and contacts.

MUTCU | Admin Logout

Manage Assets

Home / Assets / Manage Assets

View Assets Info

[Download Pdf](#)





Show entries Search:

#	Asset Name	Total Units	Incharge	Contacts	Action
1	Chairs	251	Mutuku Mercy	076453421	Edit Delete
2	Guitars	3	Willian Mutui	073423221	Edit Delete

7) EVENTS MANAGER

This part shows events records. The data kept for a specific event include event name, venue, organizer, event date, start time and stop time among others.

The screenshot shows a web browser window displaying a web application. The browser's address bar shows the URL `localhost/systemut/manage-library.php`. The application header includes 'MUTCU | Admin' and a 'Logout' link. A dark sidebar on the left contains a navigation menu with items: Dashboard, Members, Ministries, Groups, Leadership, Assets, Events, Library, Sermons, Contributions, and Tithes & Offerings. The main content area is titled 'Manage Books' and contains a breadcrumb trail 'Home / Books / Manage Books'. Below the title, there is a 'View All Books Info' section with a green 'Download Pdf' button. A table below shows a list of books with columns for '#', 'Book Title', 'Author', 'Publication Date', 'Total Copies', and 'Action'. The table contains two rows of data.

#	Book Title	Author	Publication Date	Total Copies	Action
1	Daily Prayer Routine	Focus Kenya	2007-06-24	14	 
2	Miracle Ways	Kelvin Omwega	2016-05-24	2	 

8) LIBRARY MODULE

This is an interface for keeping record regarding the union books. The module is further divided into three parts as follow

I. BOOKS MANAGER

-Shows all available books records

MUTCU | Admin Logout

Associates

View Borrowed Books

Lend A Book

Download Pdf

#	Full Name	Reg No	Contacts	Book Title	Date Issued	Date Due	Action
1	George Muema	SC212/1001/2018	705030613	Daily Prayer Routine	2020-09-28 17:10:32	2020-10-10	✎ 🗑

View Due Books

Download Pdf

#	Full Name	Reg No	Contacts	Book Title	Date Issued	Date Due	Action
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II. VIEW BORROWED BOOKS PART

This part shows records of borrowed books yet to be returned. If a book is due, contacts of the borrower are displayed hence can be conducted.

MUTCU | Admin Logout

Contributions

Tithes & Offerings

Accounting

Associates

View Borrowed Books

Lend A Book

#	Full Name	Reg No	Contacts	Book Title	Date Issued	Date Due	Action
1	George Muema	SC212/1001/2018	7544345	Daily Prayer Routine	2020-09-24 13:40:47	2020-10-10	✎ 🗑

View Due Books

#	Full Name	Reg No	Contacts	Book Title	Date Issued	Date Due	Action
1	Mercy Mwikali	ASC212/2000/2018	7564422	Miracles	2020-09-24 13:50:35	2020-09-24	✎ 🗑

III. VIEW DUE BOOKS.

This part shows list of books due but not yet returned to the Union library.

9) SERMONS MODULE.

MUTCU | Admin

Manage Sermons

Home / Sermons / Manage Sermons

View Ministries Info

[Download Pdf](#)

Show 10 entries Search:

#	Preacher	Contacts	Topic	Date	File	Actions
1	Prof Mercy Mawia	076432311	Tithing And Offering	2020-10-10	View/open	View Delete

Showing 1 to 1 of 1 entries

Previous 1 Next

This part shows past and upcoming sermons information including preacher name, sermon date, and the sermon file

10) CONTRIBUTIONS MODULE

This part shows records of all union contributions, grants and pledges. Information regarding each contribution is kept.

MUTCU | Admin Logout

Manage Contributions

Home / Events / Manage Contributions

View Contributions Info

[Download Pdf](#)

Show entries Search:

#	Fundrive Name	Purpose	date Done	Total Cash	Total Pledges	Total Contributions	Actions
1	Welfare Kitty	Support Needy Students	2020-09-25	23000	1500	24500	Edit Delete

Showing 1 to 1 of 1 entries Previous **1** Next

Also shown is pledges list for each fundrive.

MUTCU | Admin Logout

1	Welfare Kitty	Support Needy Students	2020-09-25	23000	1500	24500	Edit Delete
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Showing 1 to 1 of 1 entries Previous **1** Next

View Pledges Info

[Add A pledge](#) [Download Pdf](#)

#	Pledger	Contacts	Fundrive	Amount	Actions
1	Alex Mwakideu	075343232	Welfare Kitty	1400	Mark As Paid Edit Delete

11) TITHES AND OFFERINGS MODULE

This part show record of each Sunday offering and tithes.

MUTCU | Admin Logout

MAIN CATEGORY

- Dashboard

NAVIGATION

- Members
- Ministries
- Groups
- Leadership
- Assets
- Events
- Library
- Sermons
- Contributions
- Tithes & Offerings

Manage Tithes & Offerings

Home / Tithes & Offerings

View Tithes & Offerings Info

[Download Pdf](#)

Show 10 entries Search:

#	Date	Offering	Tithes	Total	Action
1	2020-10-08	2350	500	2850	✎

Showing 1 to 1 of 1 entries Previous **1** Next

12) ACCOUNTING MODULE

This is an essential interface for accounting use of the union cash resources. Once some money is withdrawn from the union account, it is recorded for future reference.

MUTCU | Admin Logout

MAIN CATEGORY

- Dashboard

NAVIGATION

- Members
- Ministries
- Groups
- Leadership
- Assets
- Events
- Library
- Sermons
- Contributions
- Tithes & Offerings

Manage Accounts

Home / Accounts / Manage Accounts

View Accounts Info

[Download Pdf](#)

Show 10 entries Search:

#	Date	Amount Withdrawn	Credited To	Purpose	Action
1	2020-10-07	2000	Drama Ministry	Purchase A Microphone	✎ 🗑

Showing 1 to 1 of 1 entries Previous **1** Next

13) ASSOCIATES MODULE

This part shown the associates records

Admin Manage Associates | localhost / 127.0.0.1 / system_m... | index.html | Untitled Document

localhost/systemut/manage-associates.php

MUTCU | Admin Logout

Manage Associates

Home / Associates / Manage Associates

View Associates Info

[Download Pdf](#)

Show entries Search:

#	Associate Name	Gender	Contact	Year Of Completion	Action
1	George Kenei	Male	796454353	2011	Edit Delete
2	Mercy Masika	Female	2147483647	2013	Edit Delete


Showing 1 to 2 of 2 entries Previous **1** Next

SAMPLE SYSTEM GENERATED REPORTS

members_pdf.php | www.google.com | localhost / 127.0.0.1 / syste... | index.html | localhost/MUTCU/

localhost/systemut/members_pdf.php

members_pdf.php 1 / 1



MURANGA UNIVERSITY OF TECHNOLOGY CHRISTIAN UNION
 p.o Box 78-903000 Muranga
 Phone: 0742565021, Email: mutcu@gmail.com, Web: http://mutcu.org

Members List

SL	FULL NAMES	REG NO	CONTACTS	COURSE	YEAR	EMAIL	GENDER
1	George Muema	Sc212/1001/2018	705030613	BSC Software Engineering	Third Year	george@gmail.com	Male
2	Mary Nthenya	Be213/109/2017	798169162	BSC In Criminology And Security Studies	Third Year	mary@gmail.com	Female
3	Eeric Nzomo	sc231/1001/2019	7895423	BSC In Business Information Technology	First Year	mueke@gmail.com	Male
4	Mwikalali Muia	EW200/1001/2020	708050432	BSC In Commerce	First Year	mwik@gmail.com	Female
5	Ruth	Ec/122/2001	74593425	BSC In Criminology And Security Studies	Third Year	eruth@gmail.com	Female
6	Mwenzee Mwenyewe	ED201/200/2020	706786344	BSC In Commerce	First Year	mwen@gmail.com	Male
7	Rose Mutheu	DE/2345/2019	789543523	BSC In Business Information Technoology	Second Year	rose@gmail.com	Female
8	Wimfred Mwende	RE/2342/2016	743524241	BSC In Criminology And Security Studies	Second Year	win@gmail.com	Female
9	Erie Nzomo	ER230/2012/2017	2147483647	BSC Software Engineering	Third Year	ero@gmail.com	Male
10	Mercy Mwikya	WE21/2020/2019	798424534	BSC In Business Information Technology	Second Year	mg@gmail.com	Female
11	mwizini	sc234/210302	2147483647	BSC In Business Information Technology	Third Year	ge@gmail.com	Male

THE MUTCU MEMBERS REGISTRATION PORTAL

The screenshot shows a web browser window displaying the MUTCU Members Registration Portal. The browser's address bar shows the URL `localhost/127.0.0.1/system_m.../index.html`. The website has a purple navigation bar with the following menu items: **MUTCU**, **Home**, **Membership**, **Bible Study**, **Ministries**, **Groups**, **Associates**, **Our Library**, and **MUTCU.ORG**.

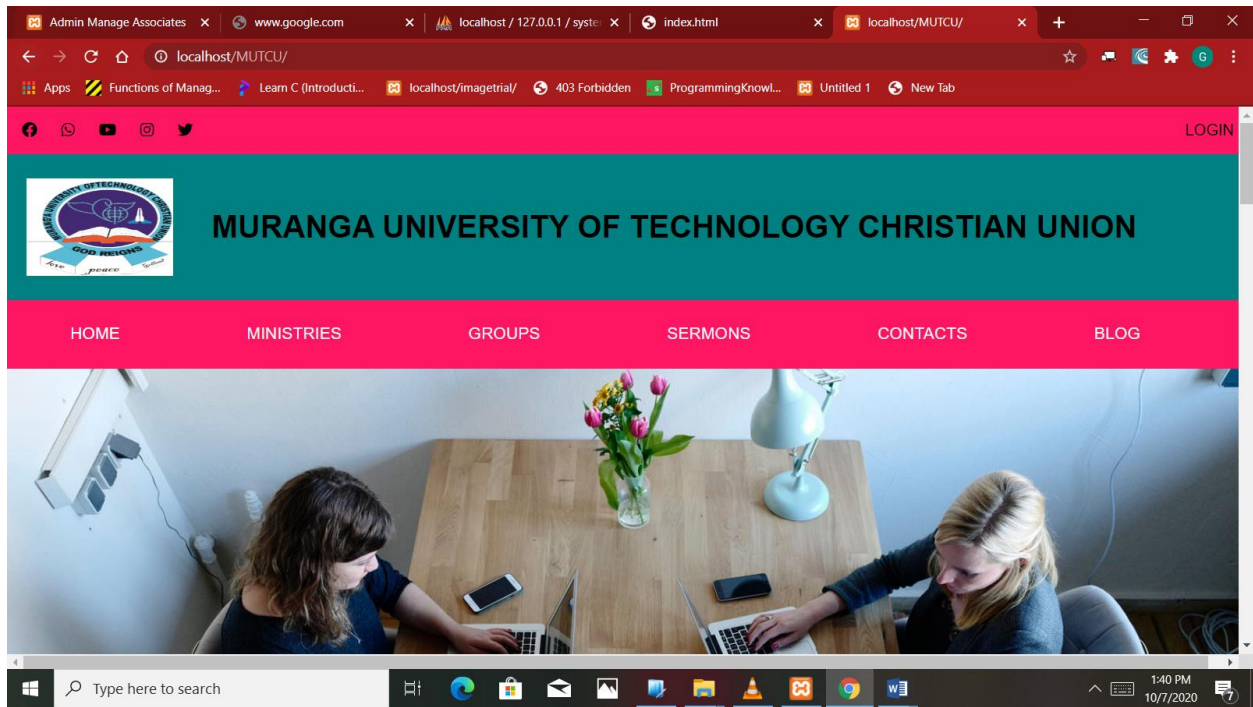
The main content area has a yellow background and features the heading **WE ARE MUTCU!!**. Below this heading is a welcome message: "Welcome To MUTCU Members Registration Portal. Be Part Our Our Christian Movement By Registering As A Bonafide Member. Don't Forget To Come Back!!".

A dark grey box contains a section titled **MUTCU Portal Quick Links**. This section lists five registration options, each with a red heading and a brief description:

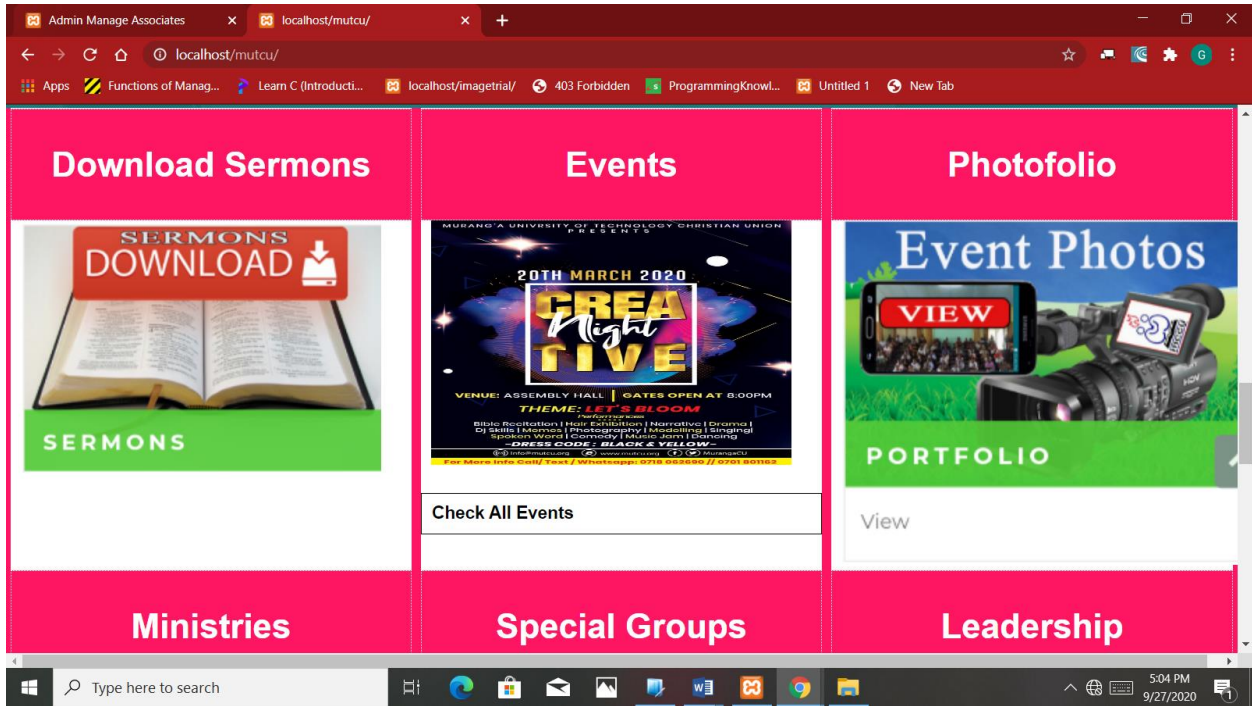
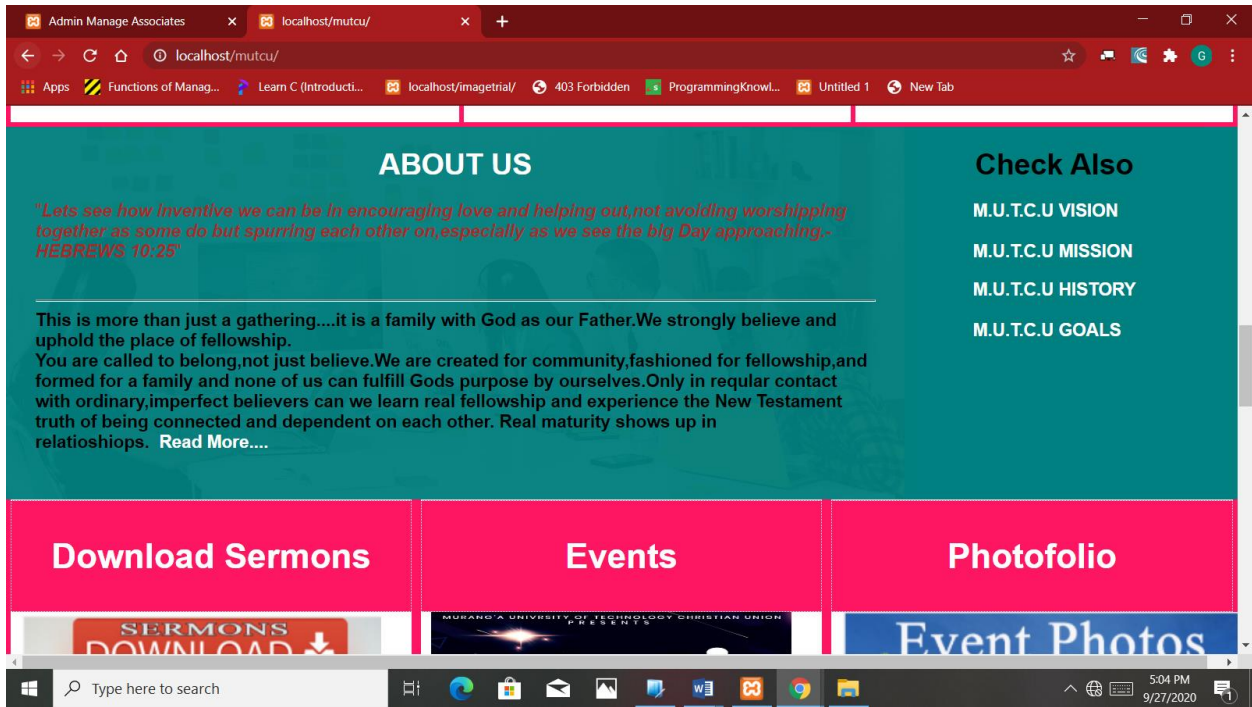
- Register As A Member**: Be A Registered Member Of MUTCU
- Register For Bible Study**: Join MUTCU Bible Study Groups And Help Spread The Gospel.
- Register For Ministries**: Join Any MUTCU Ministry Of Your Choice.
- Register For Groups**: Be Part Of Any MUTCU Group
- Register As An Associate**: Join MUTCU Associates Forum

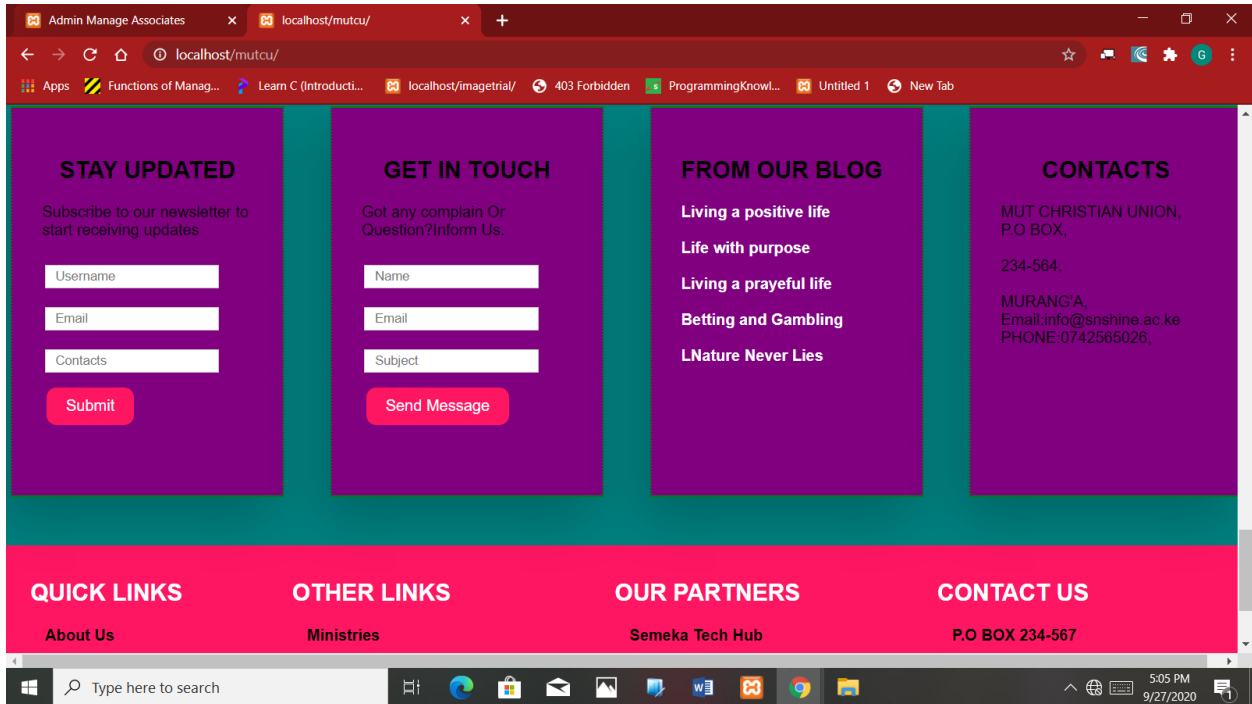
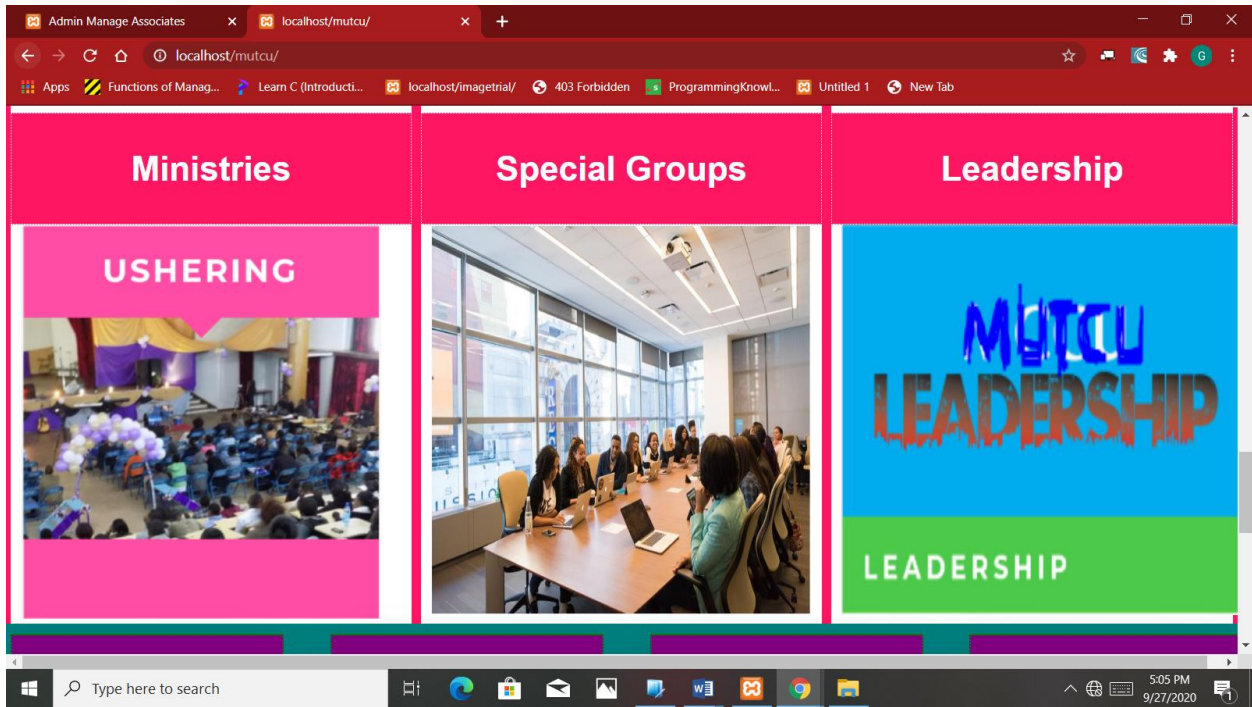
The footer of the website is purple and contains the text: "Copyright © 2020 - 2020 MUTCU - Powered By Semeka Technologies". The Windows taskbar at the bottom shows the search bar, several application icons, and the system tray with the time **1:38 PM** and date **10/7/2020**.

THE NEW MUTCU WEBSITE



Where To Find Us	Our Service Times	How To Support Us
<p>We are located at</p> <p>Murang'a University Of Technology</p> <p>ASSEMBLY HALL FIRST FLOOR</p> <p>We Shall Be Glad If You Pay Us A visit!</p> <p>Welcome</p>	<p>Sunday Service: 7:00am To 2:00 pm</p> <p>Venue:E.C.O.P HALL</p> <p>Lunch Prayers: Daily 1:00 pm To 2:00 pm</p> <p>Venue:Power Room</p> <p>Evening Prayers: Daily 9:00 pm To 9:30</p> <p>Venue:Power Room</p> <p>Friday Service:7:00 pm To 9:30 pm</p> <p>Venue:E.C.O.P HALL</p>	<p>You can give via</p> <p>LIPA NA MPESA</p> <p>PAYBILL:5035595</p> <p>ACC NO:TITHE,OFFERING E.T.C</p>





The screenshot shows a web browser window with the URL localhost/mutcu/. The page features a contact form with two columns, each containing fields for Name, Email, and Subject, and a Submit/Send Message button. To the right of the form is a purple sidebar with the text: "Living a prayeful life", "Betting and Gambling", "LNature Never Lies", and contact information for MURANG'A: Email:info@snsshine.ac.ke, PHONE:0742565026.

The footer is a dark red bar with four columns of links:

QUICK LINKS	OTHER LINKS	OUR PARTNERS	CONTACT US
<ul style="list-style-type: none"> About Us Services Our Events News Contact Us 	<ul style="list-style-type: none"> Ministries Sermons Special Groups Leadership 	<ul style="list-style-type: none"> Semeka Tech Hub Murang'a University Semeka Technologies 	<ul style="list-style-type: none"> P.O BOX 234-567 234-567 Murang'a Email:info@mutcu.ac.ke

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The browser's taskbar at the bottom shows the Windows logo, a search bar with "Type here to search", and various application icons. The system tray on the right indicates the time is 5:06 PM on 9/27/2020.