

What is the software development life cycle?

The Software Development Life Cycle (SDLC) is **a structured flow that enables the production of high-quality, low-cost software, in the shortest possible production time**. The goal of the SDLC is to produce superior software that meets and exceeds all customer expectations and demands.

I will be using the SDLC to develop the TOG website. The SDLC consists of 7 steps namely Requirement, Planning, Analysis, Design, Implementation, Testing & Integration and Maintenance.

1. Requirement

Website as a tool for online presence
Get new members (youth)
Market the ministry as a community
Build a strong brand image
Excellent user experience and design
Make donations easy, quick, and simple
Volunteer scheduling/hours
Increase monthly partnerships
Optimized website for mobile platforms
Show past Sunday service recordings (Embed YouTube videos from past services on the watch live paged)
Donate button should only pop up once (Redesign)
Remove unnecessary pages & redesign all pages
Reduce menu bar options

2. Planning

Nav bar pages from Home

Header:

Watch Online

TOG Youth

Give

Footer:

About Us: Pastor Bowale Akins, Our Mission and Vision, Events

Get Started

Partnership

Follow Us (social media buttons)

Contact

Subscribe for newsletter

Nav bar pages from Menu

Watch Online

Events

First Time Visitors

TOG Youth

Our Mission and Vision

Meet our Pastor

Ministry

Partnership

Prayer

Give

Home Page Layout

Hero Banner: Welcome to our Ministry + Watch Live Sermon button

Watch & Listen: Watch the last sermon (Embed YouTube URL)

GIVE AND CHANGE THE WORLD: Ways to give (Image + Text info + Give Button)

Join our Youth Ministry: Revival ignitors (Image + Text info + Join Button)

First Time Visitors: Get Started (Image + Text + Go Button)

The Power of Partnership: Join Today (Image + Join Button)

Join us on social media: Grow and network with TOG Ministry today (Social Media buttons)

Watch Online Page Layout

Hero Banner: WATCH THE LATEST BROADCAST ANYWHERE

Watch our live service: Live from Downtown Toronto! (Embed YouTube URL + Broadcast Schedule + Other ways to watch)

Videos for Youth: Embed recorded youth videos

Watch past messages on demand: What if I missed the live stream? (Web Archive Button + YouTube button)

Church Online FAQ: Info, Code of Conduct, Technical Support

Support Church Online: Ways to give (Text info + Give Online Button)

A word from our Senior Pastor: Quotations from Pastor Bowale talking about the goal of the ministry spreading the gospel to individuals on a global level.

Revival Ignitors Page Layout

Hero banner: Revival ignitors + Welcome message

Who we are: Youths ready to revive and ignite (Image + Text info)

Why we revive and ignite: (Image + Text info)

Our Youth Leaders: Leaders names (Image + text info)

Youth Contact Form

Give Page Layout

Hero banner: Change the world by giving + Make a difference!

Why we give: Text info

Give widget: (Offering, Tithe, Donation, Youth Ministry) + (Frequency) + (Name, Email) + (Card Info)

Other ways to give: Text info + (Text to give: logo, text info, instructions) + (Interac e-transfer: logo + text info + learn more) + (PayPal: logo, text info, PayPal email)

TOG Products: TOG Items for sale

Where your donation goes: Text info + Image + email contact for financial practices

Partnership Page Layout

Hero banner: Partner with Us + Join Our Soul Winning Team!

Welcome to our vision for monthly partners: (Image of partner products, Text info)

Experience the power of partnerships: (TOG logo, text info) + (Giver's Circle, Pastor's Circle, Grace's Circle)

Our commitment to you: Partner benefit Images + text Info

Your commitment: Partner responsibility Image + text info

Prayer Page layout

The current website's prayer layout is good, minor changes required

These changes include reducing page word count and ensuring all the buttons are responsive

Ministry Pages Layout

Have a discussion with Pastore Bowale regarding all the ministry pages currently on the website.

Do we need all those ministry pages? Can we combine some pages, so we have fewer and concise ministry pages?

Our Mission and Vision Page Layout

The current About Us page changes to this, most of the content stays the same

Hero banner: Who we are

Introductory message: Text info

Our mission: Text info

Our vision: Text info

Statement of faith: Image + Text info

The Gospel Message: Image + Text info

Our salvation: Image + Text info

The Holy Spirit: Image + Text info

Throne of Grace Ministry: Image + Text info

Pastor Bowale Akins Page Layout

Hero banner: Get to know Bowale Akins + Transforming Lives + Restoring Hope

Pastor's Photograph: Quoted message from pastor + Image

About Pastor Bowale: Senior Pastor + Text info

Pastor's Photograph: Image of pastor preaching

Achievements/Background: Text info

Contact Page Layout

The current contact page content stays the same, but layout is redesigned

Maps is removed because the church is now online

Social media buttons are updated

Contact form design is improved

Phone number, church time and address are updated if necessary

Hero banner: Your family from Toronto

Event Page Layout

Hero banner: Event Calendar 2022 + Transforming Lives + Restoring Hopes

2022 Event Calendar: Text info + Calendar table (Event Name + Time + Location + Date + Link to register)

Join us on social media: Text info + social media buttons

Get Started Page Layout (First Time Visitors)

Hero banner: Service Times + text info

A word from Bowale Akins: Text info from pastor inviting newcomers to be a member

Want to join?: Image + Ready to join the TOG family? + Join button (Opens a new tab with a contact form for new members.)

"Join the Throne of Grace Family!" page: Contact form (Email, Full Name, DOB, Phone number, Full address, Additional notes, Submit)

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Now that you are a member of TOG, what's next?: Link new member to the current next steps page

3. Analysis

Spoke with Pastor Bowale for an hour to analyse the plan. These are the results of our conversation:

Expecting required quotations from Pastor Bowale

Expecting use of donations and financial practices from Pastor Bowale

TOG Partnership Merchandise via Mangrove Apparel

The important ministries are the Worship and Prayer & Deliverance ministries. These will be the only ministry pages on the website until further notice

I have been granted access to Pastors photographs which will be used on the website

Remove church phone number, service time and address until there has been an update

Expecting the event calendar for 2022

4. Design

Header & Footer designed using Elementor Pro

Design all pages using Elementor Pro

Pop up builder designed with Elementor Pro

Motion Effects designed using Elementor Pro (This is optional and will be used for aesthetics only)

UI and UX design using Elementor addons, either Crocoblock or Ultimate addons

Website security designed with IThemes Security pro

Website payments handled with Stripe if the current option isn't sufficient

Here is a link for other useful website software and plugins:

<https://livingwithpixels.com/links/>

Completed the design phase by creating a prototype website using Figma. I will be showing this to my client and make changes based on the feedback received. Here is a link to watch the presentation of the prototype website:

<https://youtu.be/MaWB9YFTWvU>

Here is the Figma link to experience the mobile version of this website. Not all features of the prototype are functional, the relevant features work fine.

(Open this link on your desktop to get the full experience)

<https://www.figma.com/file/xWjlVsaZ32JaesUA9XTkkg/TOG-Web-Design?node-id=0%3A1>

5. Implementation

6. Testing & Integration

7. Maintenance