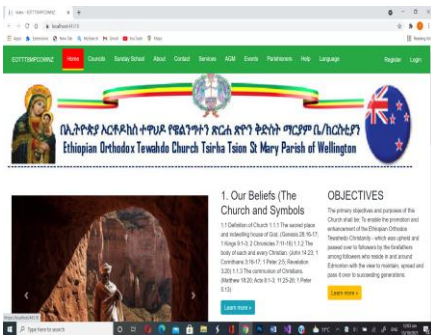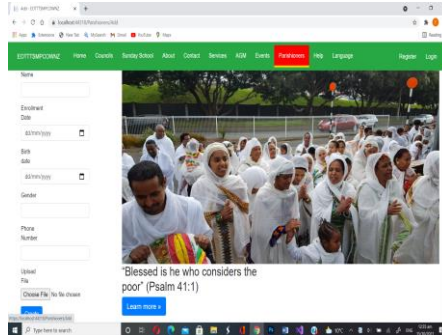# EOTTTSMPCOWNZ

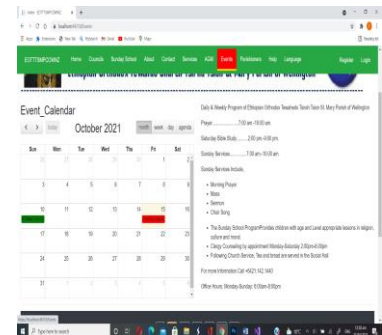**Client:** Dr. Degu Geddebo   **Advisor:** Abdolreza Hajmoosaei   **By:** Shuyi Sun; Fentahun Alemu

Home page

Parishioner page

Event page

INTRODUCTION

The objectives of this work was to build a website for the *Ethiopian Orthodox Tewahedo Tsirah Tsion St Mary Parish* of Wellington (EOTTTSMPCOWNZ) that satisfy the requirements for a public point of contact with the local society as well as a database for managing parishioners, councils, events, and Sunday School, among other things.

The team set out to build a website that conveyed EOTTTSMPCOWNZ's approachable, energetic, and capable image to online visitors.

DEVELOPMENT

The project started with some discussion within the project team on the website's overall layout, including pages, features, and back-end setup. Shuyi concentrated on the website's testing section. To make it easier Fentahun focused on the front-end: the website pages, their design, layout, and user interaction, server setup, data interfaces, and database design are all part of the back-end.

The project's practical side began with analysis and design, which was immediately followed by development once the customer expressed satisfaction with the suggested structure and aesthetic design. The project was handled using scrum, a Gantt chart, and a simple project management technique, with Open project, a rather difficult web-based project management system, being used to digitalize the project and maintain and assign project tasks.

The website was developed using Asp.net MVC and C# language. Under it included Html, CSS, Bootstrap,

JQuery, and JavaScript framework for building modern, responsive, mobile-first webpages. We have used Microsoft Visual Studio 2019 community edition as an integrated development environment (IDE).

EOTTTSMPCOWNZ was given a satisfying product with a website consisting of a home page for general information, an event page presenting notices and all the up-coming events for EOTTTSMPCOWNZ. A parishioner page to display information and a parishioner register form. There is a Council page used only for Council members to register current leaders' detail. This page requires a council member login for security. A contact page displays the addresses of leaders, 'About' page informs the reader about the church, a help page shows how to upload videos and provides text training. A future use page displays support information, service page for assessing different services, a language page to change language. An 'all forums' page is linked to the Council page for security which uses the register forum participator detail. Admin and Council can manage all activities of EOTTTSMPCOW. including updating and maintenance of all the various pages.

CONCLUSION

Even though our team was small, we worked well together and used maximum effort to create an excellent product. We gained a lot of new web-building expertise, including the pleasure of providing a local cornerstone with a customised website at no cost. We have learned how important teamwork is to provide a successful product.