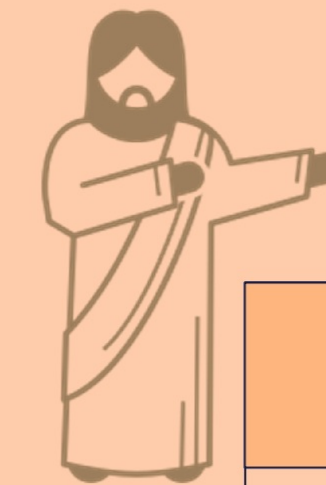




# FaithPal



## Block Diagram

BEng (Hons) Software and Electronics Engineering

Enoch Abiodun

G00380316



Ollscoil  
Teicneolaíochta  
an Atlantaigh

Atlantic  
Technological  
University

## Summary

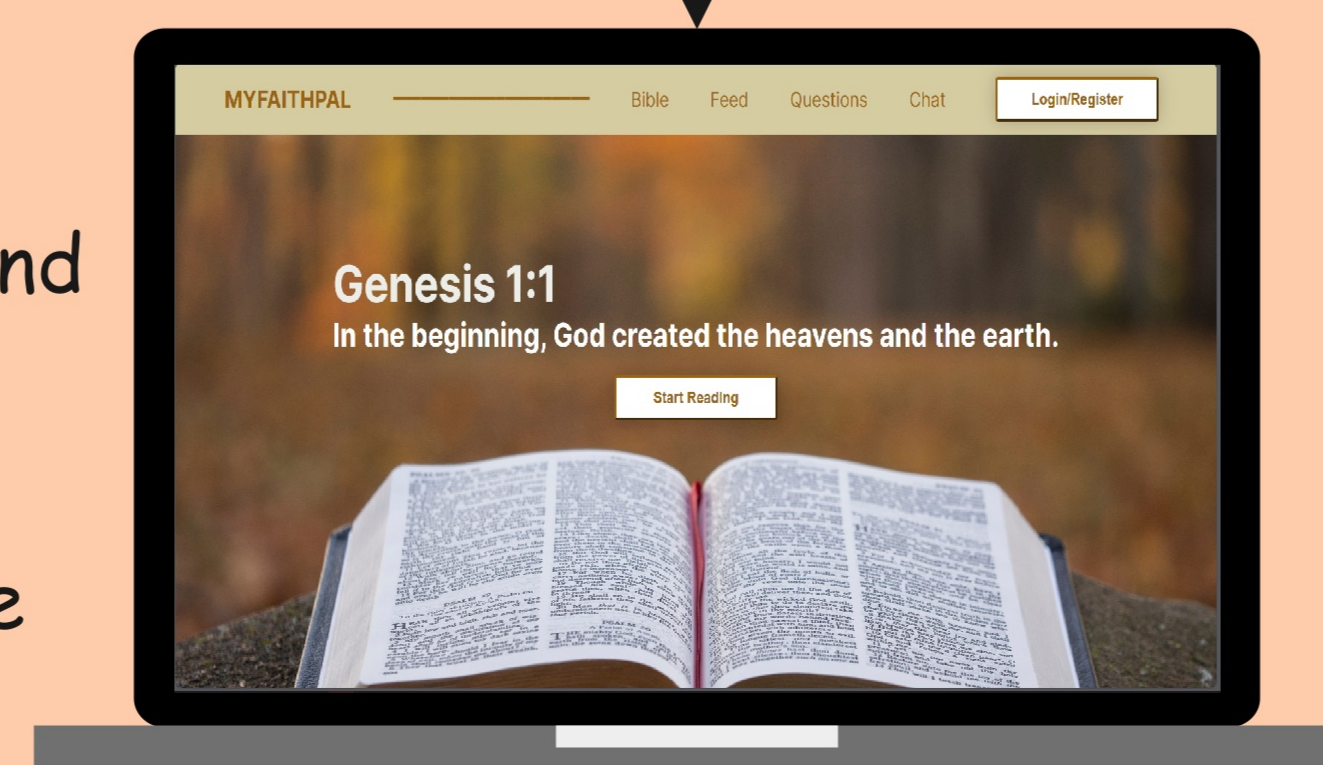
"Faithpal" is a Christian web application designed to support Christians in their spiritual journey. It features essential components such as a Bible page, Feed, Questions page, Chat page, and Profile page with Authentication.

The Bible page allows users to highlight and comment on passages, facilitating deeper study and reflection. The Questions section employs AI Language Models to provide answers to queries related to Christianity. Additionally, social features akin to Instagram enable users to connect with fellow Christians, fostering a sense of community and support.

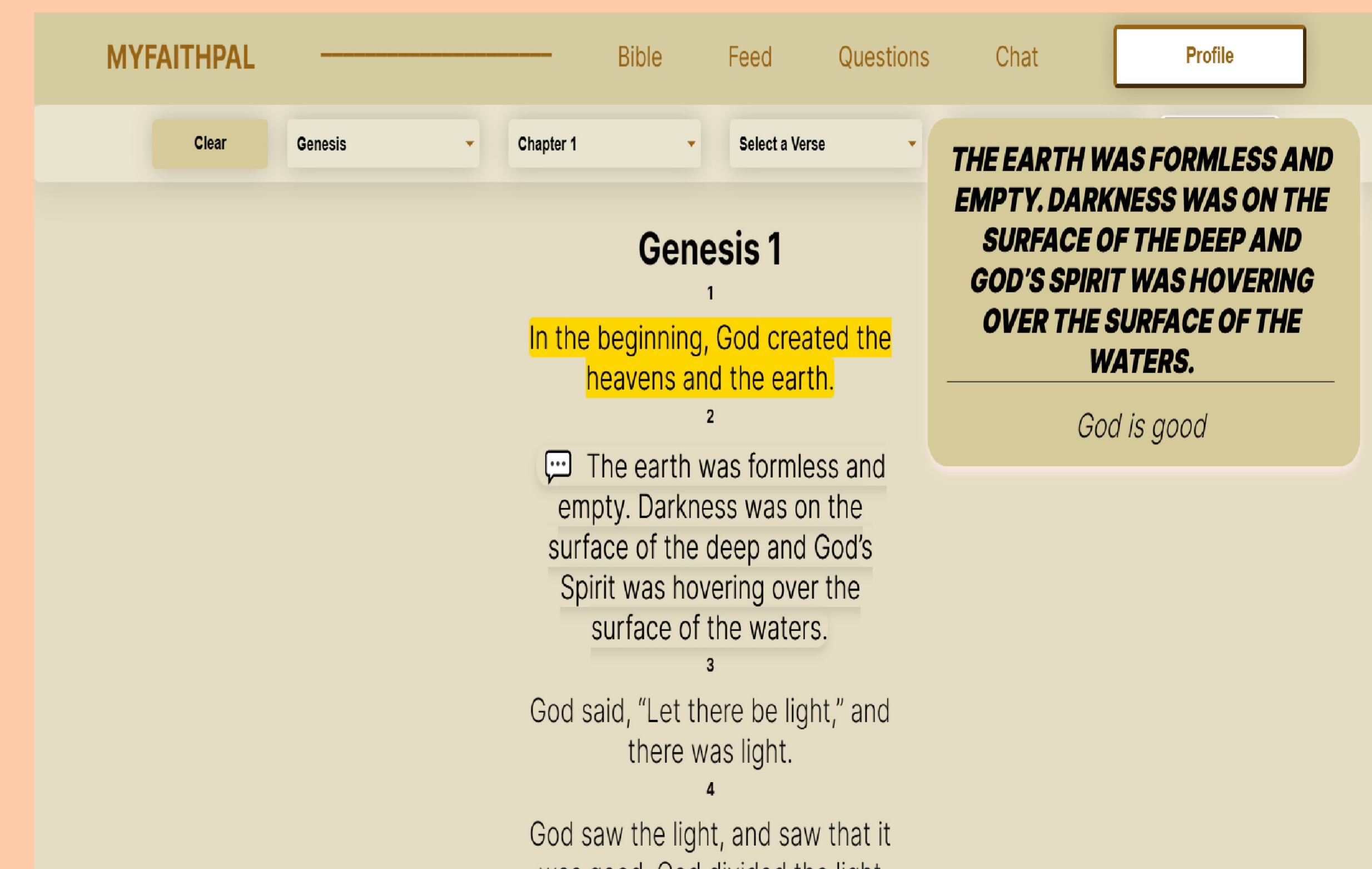
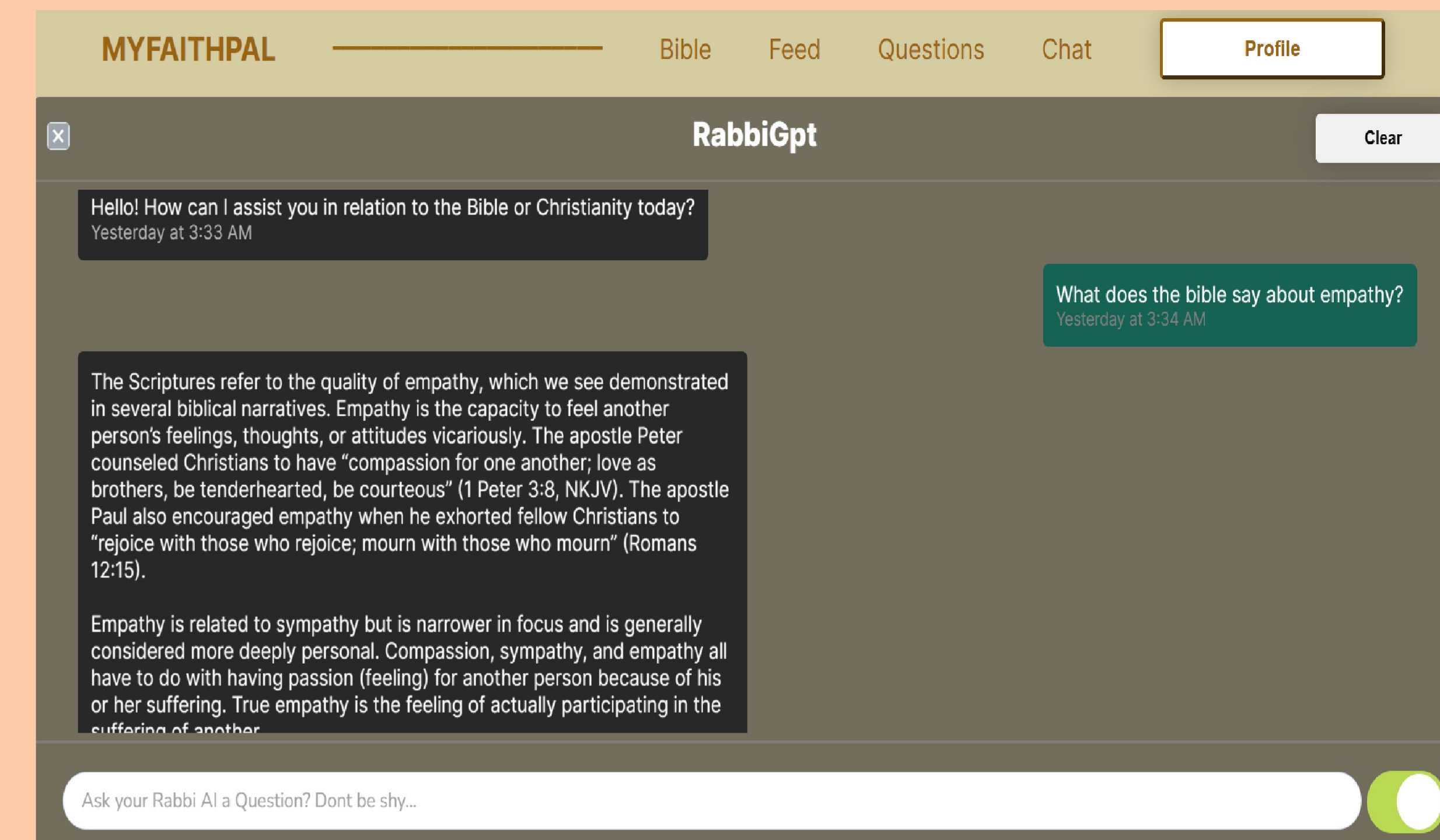
## Technologies

- React - JavaScript library
- NextJS - React Framework
- Material UI - React UI tool
- CSS - Styling
- NodeJS - JavaScript Runtime Environment
- ExpressJS - Web API Application for NodeJS
- Amazon AWS services
  - EC2 (Elastic Compute Cloud)
  - S3 (Simple Storage Service)
- Nginx - Serves Static Content and acts as a Reverse Proxy
- PM2 - Process Manager for NodeJS
- Socket.io - Enables Real Time communication between clients and server
- OpenAI - AI Model
- Langchain - Framework to build Applications with large language models (LLMs)

HTTPS Communication  
Response/Requests



## Results



Go to <https://myfaithpal.com> on a Desktop or IPad to try Faithpal

