

Church App (React + Firebase)

A modern mobile-first church application built with **React** and **Firebase**, designed to help churches engage members digitally through sermons, events, scripture, hymns, and community features.

Purpose

The Church App provides a digital home for churches, enabling:

- Spiritual growth through sermons, Bible reading, and hymns
- Better communication via events and announcements
- Secure member access and engagement
- Scalable support for multiple churches in the future

Features

Authentication

- Email & password login
- Google / third-party authentication
- Secure Firebase Authentication
- Role-based access (Admin, Pastor, Member)

Sermons

- Audio sermons
- Video sermons
- Sermon notes & scripture references
- Sermon archive & search

Bible

- Built-in Bible reader
- Multiple books and chapters
- Bookmark & highlight verses (optional)

Hymn Book

- Digital hymn collection
- Lyrics display
- Search hymns by title or number

Events & Announcements

- Church events calendar
- Event reminders
- Announcements & notices

Member Engagement (Planned)

- Push notifications

- Prayer requests
 - Small groups / ministries
 - Donations & tithes
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Tech Stack

Frontend

- React (Web or React Native)
- Tailwind CSS / CSS Modules
- Firebase SDK

Backend (Firebase)

- Firebase Authentication
 - Firestore Database
 - Firebase Storage (media uploads)
 - Firebase Cloud Functions (optional)
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Project Structure

```
church-app/
|__ src/
|   |__ components/
|   |__ screens/
|   |__ services/
|   |__ context/
|   |__ hooks/
|   |__ utils/
|   |__ App.js
|
|__ firebase/
|   |__ config.js
|   |__ auth.js
|
|__ public/
|__ README.md
|__ package.json
```

Setup Instructions

1 Clone the Repository

```
git clone https://github.com/yourusername/church-app.git  
cd church-app
```

2 Install Dependencies

```
npm install
```

3 Firebase Configuration

- Create a Firebase project
- Enable Authentication, Firestore & Storage
- Add your Firebase config to:

```
src.firebaseio/config.js
```

4 Run the App

```
npm start
```

Environment Variables

Create a `.env` file:

```
REACT_APP_FIREBASE_API_KEY=xxxx  
REACT_APP_FIREBASE_AUTH_DOMAIN=xxxx  
REACT_APP_FIREBASE_PROJECT_ID=xxxx  
REACT_APP_FIREBASE_STORAGE_BUCKET=xxxx
```

Admin Capabilities

- Upload sermons
- Create events
- Manage announcements
- Manage users

■ Monetisation (Optional)

- Donations & tithes
 - Subscription for multiple churches
 - Sponsored church events
 - Premium sermon content
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vs Future Roadmap

- Multi-church support
 - Offline Bible & hymns
 - AI sermon summaries
 - Live streaming
 - Mobile push notifications
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Vision

This app aims to strengthen church communities through technology, making spiritual resources accessible anytime, anywhere.

License

MIT License

Author

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Full Stack Developer | React | Firebase | .NET | PHP

"Where two or three gather in my name, there am I with them." – Matthew 18:20