# Summary of Church Deacon Care System Plan

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#### **Overview**

- System needed for deacons to track and support church members in need
- Deacons must record calls, needs, and outcomes for assigned members
- Monthly meetings to review and validate all members have been contacted
- System should be web-based, low-cost (under \$10/month), and accessible via phone/computer
- AWS Lambda, S3, and Sango proposed for backend; social login for access
- Features include: member/household organization, need tracking, contact info, note-taking, and easy member management
- Goal: Efficient, secure, and affordable care tracking for church deacons

#### **System Purpose and User Group**

- System supports deacons making calls to church members in need.
- Tracks member well-being, prayer requests, and physical needs.

# **Deacon Workflow and Data Recording Needs**

- Deacons record member calls, including member identity, needs, conversation details, date, and time.
- Each deacon manages a subset of members for regular contact.
- Monthly meetings require review and validation that all members have been contacted.

### **Monthly Review and Validation Process**

- Capture member needs and discussion notes monthly.
- Organize data by household (e.g., couples, widowed individuals).

# **Member Data Structure and Searchability**

- Organize household documents by last name for searchability.
- Record household members' names, addresses, and phone numbers.
- Identify specific needs (e.g., cancer, long-term care, shut-in).
- Maintain multiple contact methods for each household.

# **Member Management and Status Tracking**

- Occasional addition and removal of members required.
- Members removed due to lack of needs, death, relocation, or family support.
- Need to capture and summarize each event for every member.
- Current status and needs of each member must be quickly viewable in a living document.

# System Requirements: Online, Secure, Accessible

- App must be online and accessible via phone or computer.
- Deacons require access to the app each month.
- Login mechanism recommended for security; social login suggested as an option.

# **Deacon User Experience and Quick Access**

- Each deacon can view the full member list.
- Deacons can add information to any member's profile.
- Deacons have a quick list of assigned or recently interacted members for easy access.

# **Technical Implementation and Cost Goals**

- System designed to be web-based and low-cost.
- Uses AWS Lambda for backend operations.
- Stores data in AWS S3 via Sango library (Node.js client alternative to MongoDB).
- Sango enables document searchability in S3.
- Target operational cost: less than \$10/month.

# **System Availability and Final Notes**

- Solution provides on-demand availability for deacons.
- Supports monthly group meetings with concurrent usage.
- Tracks and manages changes without data loss.
- Remains inactive 99% of the time when not in use.