ABS Life Coach

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Life Coach

Life Coaching is a profession that is designed to help clients live happy, healthy, and fulfilling lives. Different from counselors or mentors, life coaches address specific needs, wants, and problems of their client. They help their clients overcome life obstacles, and help design a plan for their clients so they can live their best lives.

In doing this, life coaches help clients "push the pause button" and take some time to reflect and relax. They promote personal and professional growth for clients and their families.

Our Goal

Our main goal is to deliver a product to our customer that allows life coaches to interact with their clients and efficiently provide advice and guidance. In doing so we will be a key factor in allowing the life coaches to do their jobs and successfully ensure that their clients are living the lives they want to live.

How It's Made

We have designed an intuitive mobile-friendly website that allows the life coaches to efficiently record notes and interactions with their clients and their families. Our system is designed with the intentions of our client in mind:
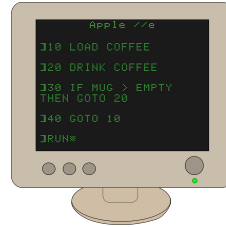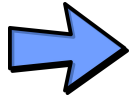
- Help clients reach their highest potential personally, socially, and professionally
- Help clients set and realize their goals, and make sure that they stay on task
- Set their clients on the correct path to reach those goals
- Help clients balance the stresses of everyday life
- Interact one-on-one with clients and clients' families

Project Plan

Research & Pre-Planning

- User Requirements & IT/Technical Requirements
- Scope of the Project
- Mock site for client

Implementation & Development

- Weekly Meetings with Client & Development Group
- Daily Communication with Development Group

Documentation & Fine Tuning

- Compile Documentation for Client
- Prepare system for Delivery

Our user requirements (Clients)

- System in which a Life Coach can keep track of Client's lives, families and life events
    - Client Scheduling
    - Notes
    - Life Events
    - Family Tree(including family info)
    - Reminders
- Convenient View of Client Profile to show Client info, family tree, notes and life events

Our user requirements (Hierarchy)

- Hierarchy tree for different employees and ability to license this out:
  - Coaches can:
    - View/edit all clients, assign clients to coaches, and set appointments
  - Supervisors are coaches, can
    - Add/drop coaches
  - Admins are:
    - In charge of their own company
  - Super Admin can:
    - Make changes and update the system and license the site out

Our user requirements

- Security is high priority, HTML5 & CSS3 for mobile friendly site
- 10 million users
  - 1,000 concurrent
- LAPP Server
- Run HTTPS

Backend

- LAPP setup
- Google server
- Services
    - Ubuntu 16.04
    - Apache2
    - PostgreSQL
    - PHP7

Backend Security and Load Management

- SSH Key for server login

- UFW Firewall

  - Deny by default

- HTTPS Certification

  - Auto direct

- Database backups

- Load balancing/Testing

  - Unable to do this with current configuration.

Front End Development

- PHP
  - 7,546 lines of code
  - Over 300 hours
- CSS
  - Bootstrap
  - Custom CSS
    - 198 lines
- Javascript - JQuery
  - Family Tree
    - dTree
    - D3
    - lodash
  - Calendar
    - FullCalendar

Database Development

- 13 Tables
- 5 views
- Referential integrity

Live Demo