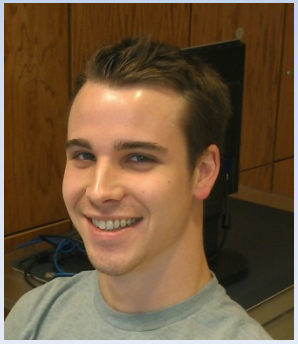
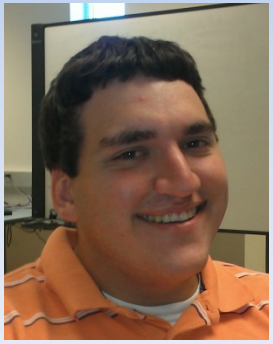
GoodNEWS Fort Worth

Department of Computer Science

HealthyFROGS

Alex Anduss	Baer Bradford	Greg Kolesar
		
• Android • Project Media • Website	• Client Interface • CMS • Design	• Documentation • iOS • Testing

Chronic Disease

- Chronic diseases are a leading cause of premature death.
- The CDC documents 85% of chronic diseases as preventable.
- 7 out of ten deaths among Americans each year are from chronic disease.
- The GoodNEWS team's goal is to reduce chronic disease and improve the quality of life of individuals and communities.

GoodNEWS Team

Dr. Mark J. Dehaven

Dr. Jenny J. Lee

- We have been working with an initiative based out of the UNT Health Science Center called GoodNEWS.
- The GoodNEWS team's goal is to reduce chronic disease and improve the quality of life of individuals and communities.

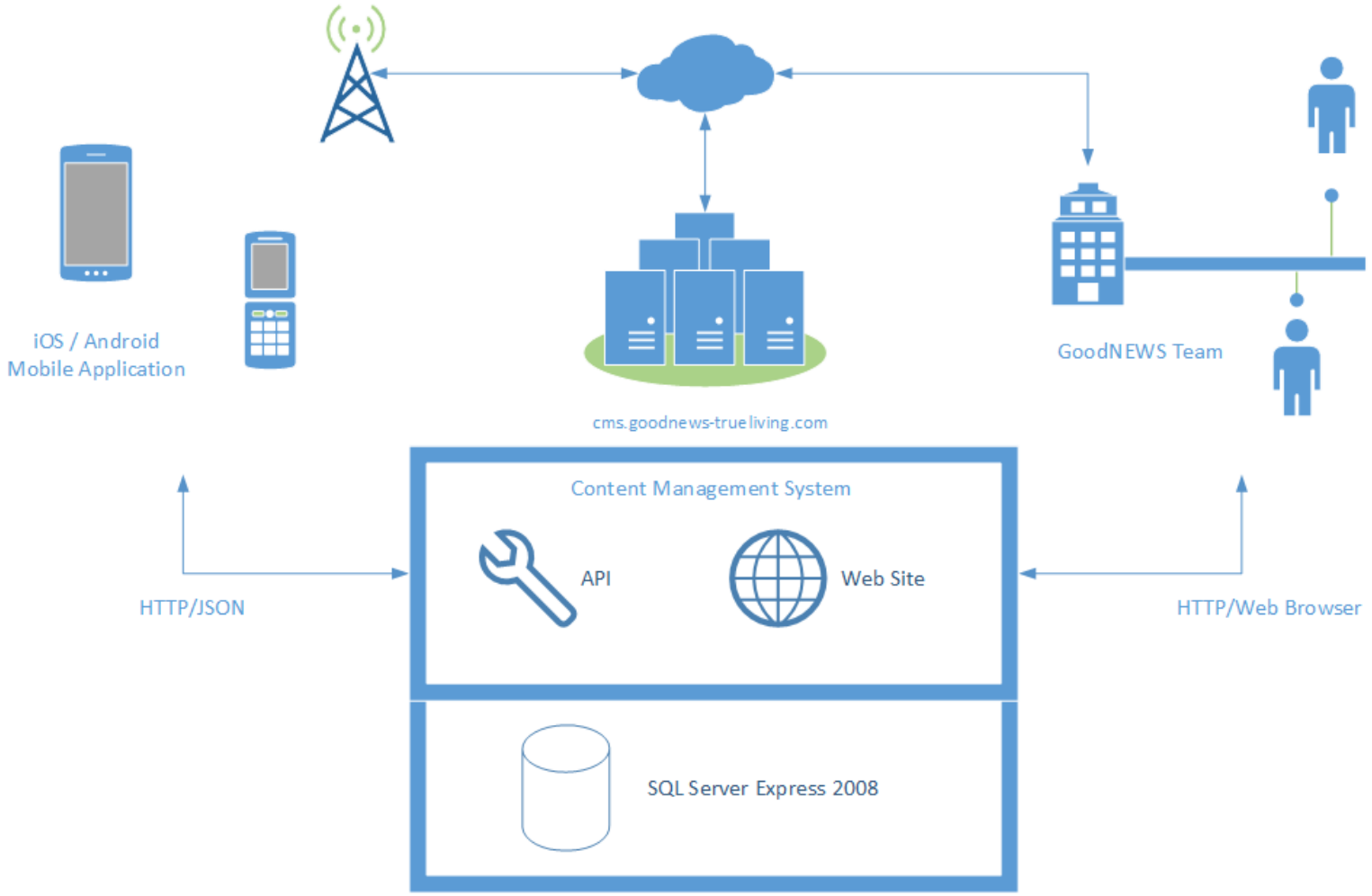
GoodNEWS
Live Life Lovingly and Healthfully

UNT HEALTH SCIENCE CENTER

GoodNEWS Philosophy

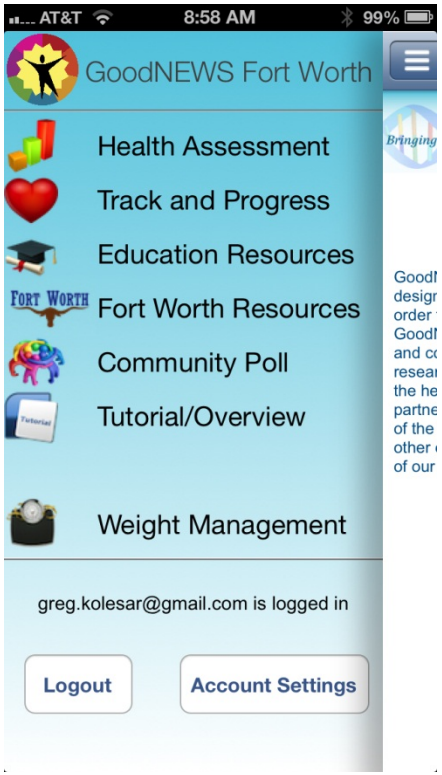
Foci:

- Community Health Outreach Programs
- Preventative Medicine
- Hosting Seminars


iOS / Android
Mobile Application
cms.goodnews-trueliving.com
GoodNEWS Team
Content Management System
API
Web Site
HTTP/JSON
HTTP/Web Browser
SQL Server Express 2008

Mobile Application

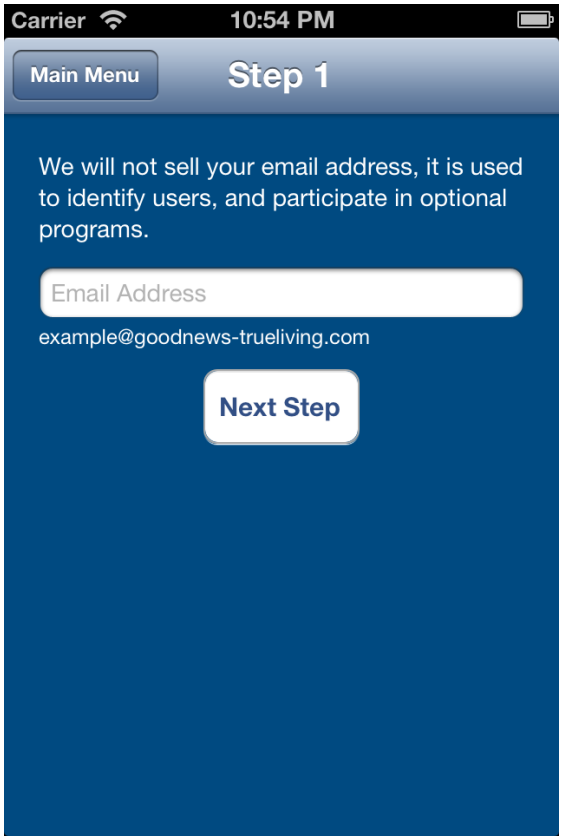
- Health Assessment
- Track and Progress
- Education Resources
- Community Vote and Poll
- Fort Worth Resources
- Weight Management

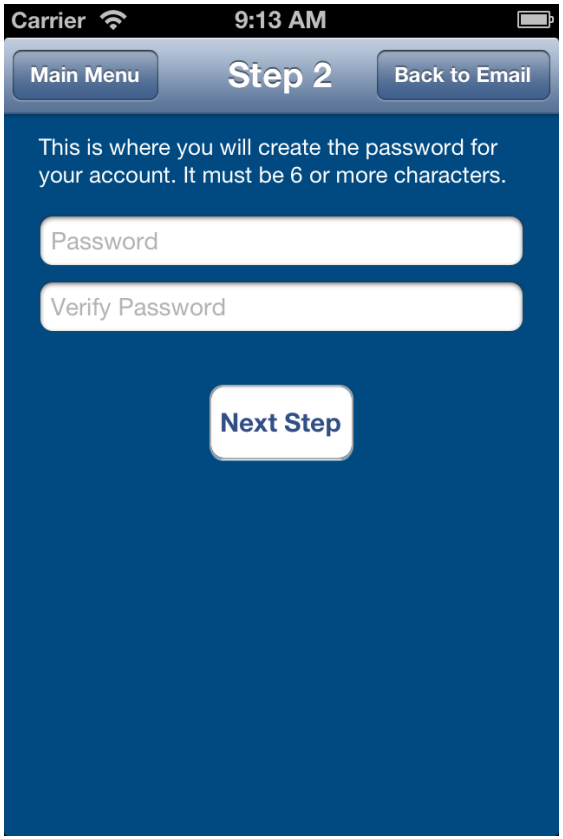


Initial Screen

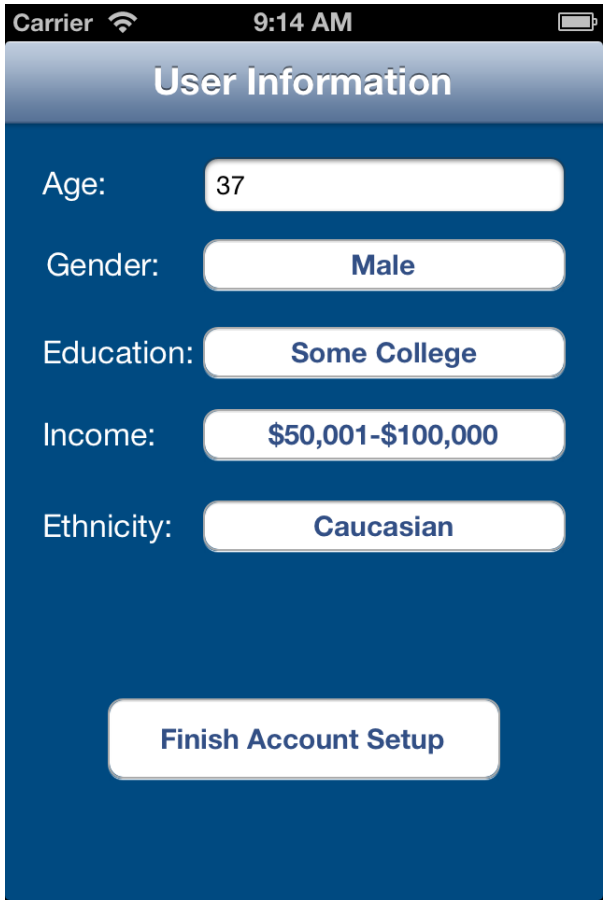
- Checks connection to Content Management System
- Allows new user to Create Account
- Allows current users to login
- If the user was previously logged in, it will automatically log them in

Create User Account





User Account Information



- Allows the GoodNEWS Team to gather demographics on their users
- Users are identified by email
- Additional information is anonymous and can be changed at any time

Initial Screen

- Checks connection to Content Management System
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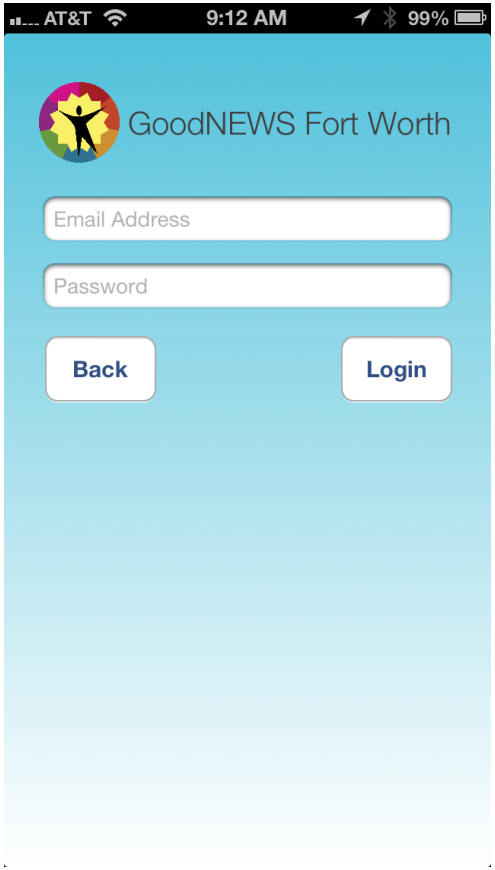
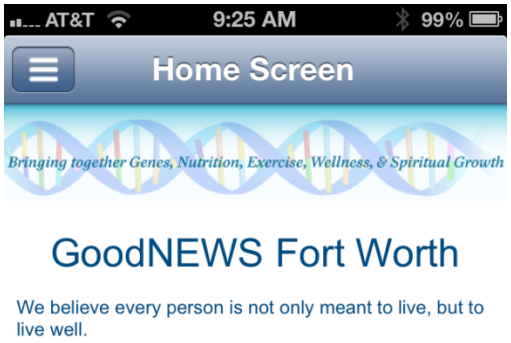
User Login



- Allows user to login via email/ password previously setup

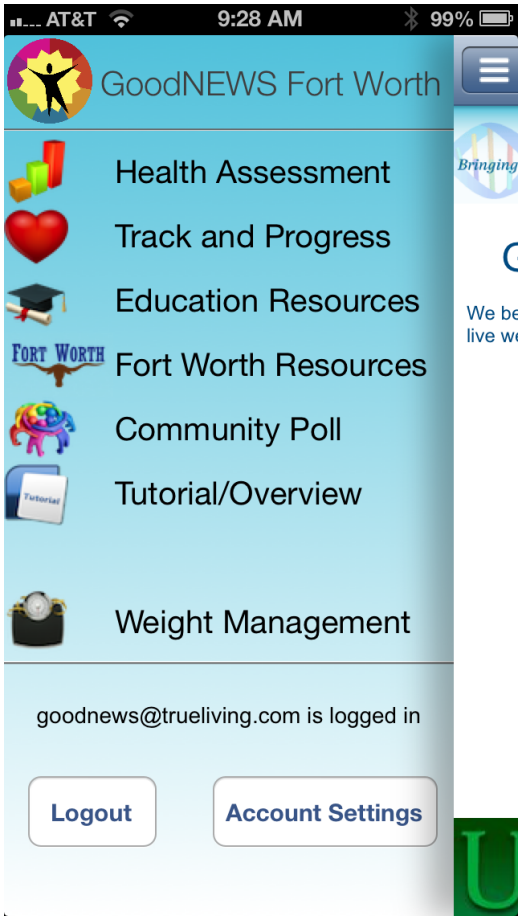
Welcome Screen



- Daily quote provided by the CMS

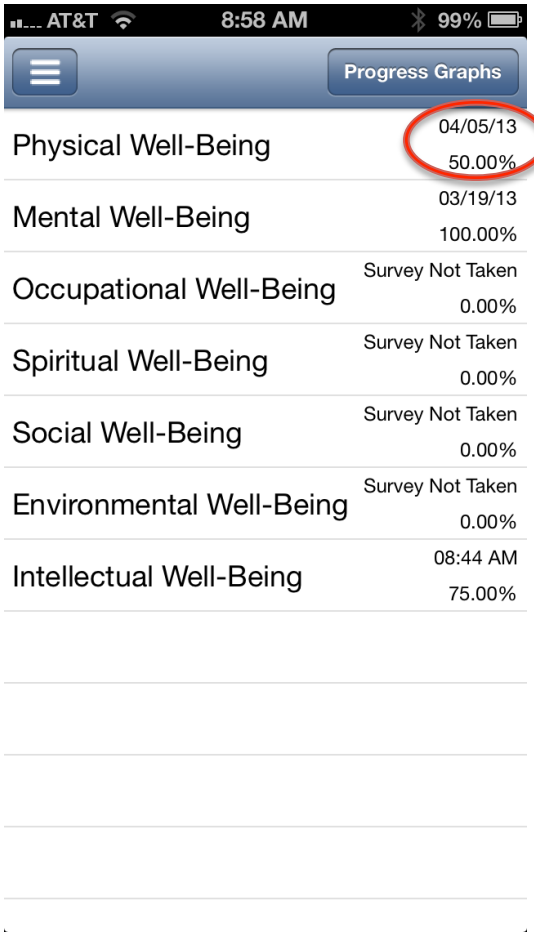
UNT HEALTH SCIENCE CENTER

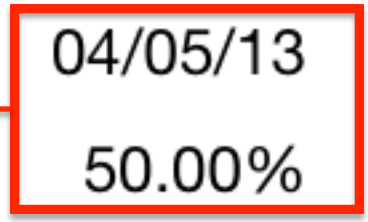
Main Menu



- Provides access to the components of the app
- User can logout
- User can modify their account info

Assessments



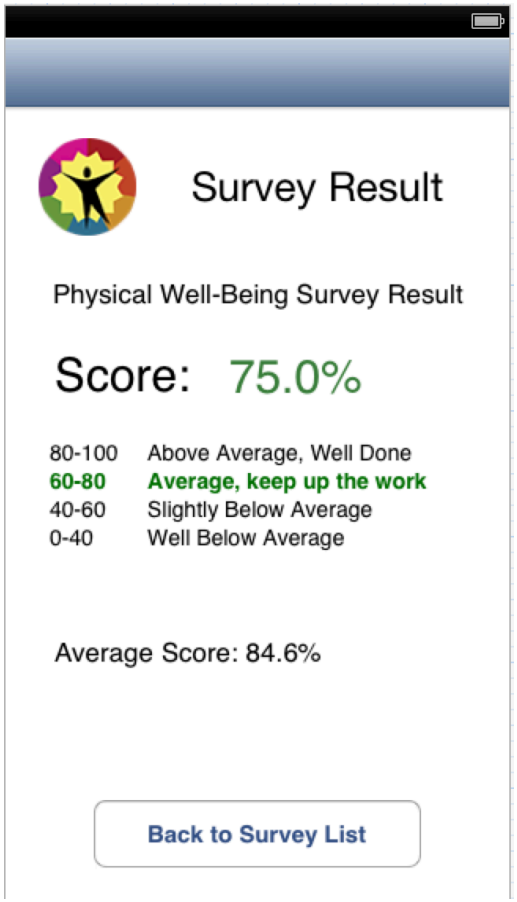


- User selects a survey to take
- Most recent grade is displayed along with the date taken

Sample Question

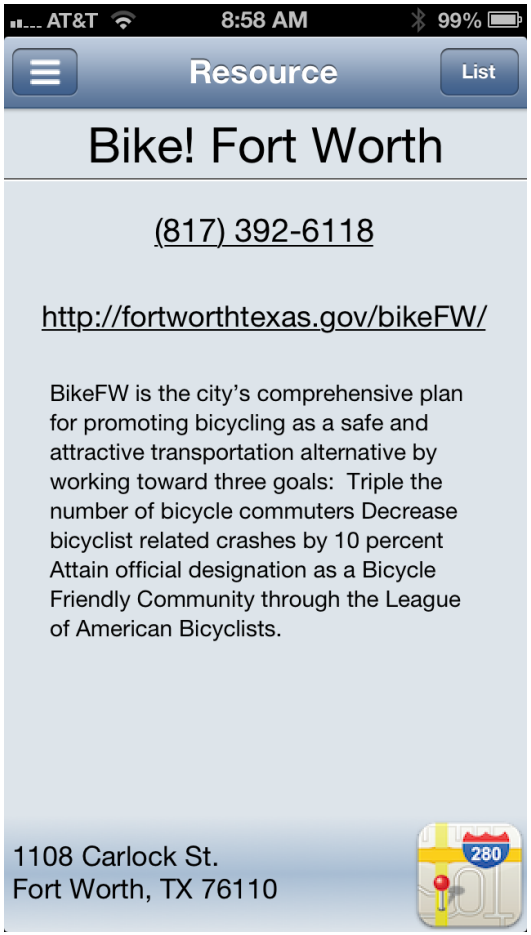
- Single selection buttons
- User can navigate backwards and forwards

Assessment Result



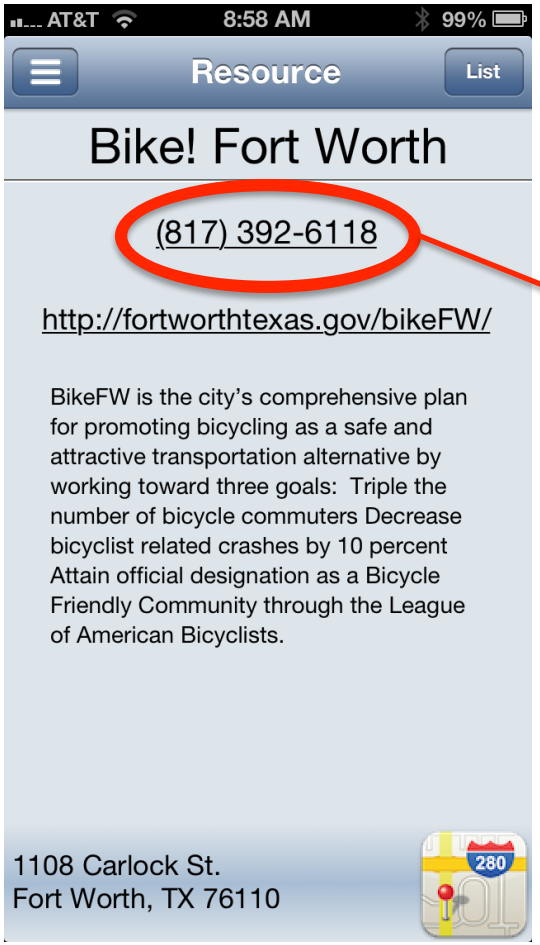
- Displays score on the assessment
- Shows the user where they are in relation to the grading rubric
- Shows the user the average from all the assessments of that type

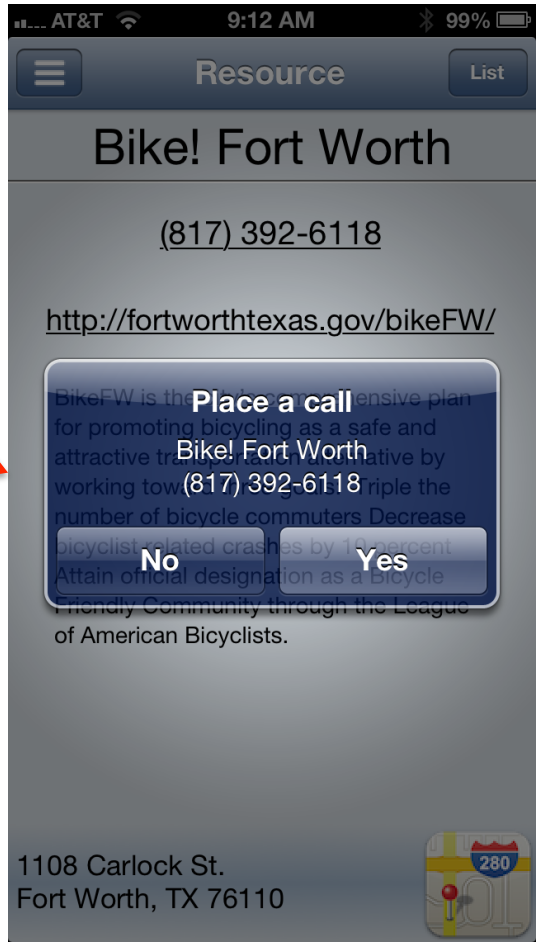
Fort Worth Resources



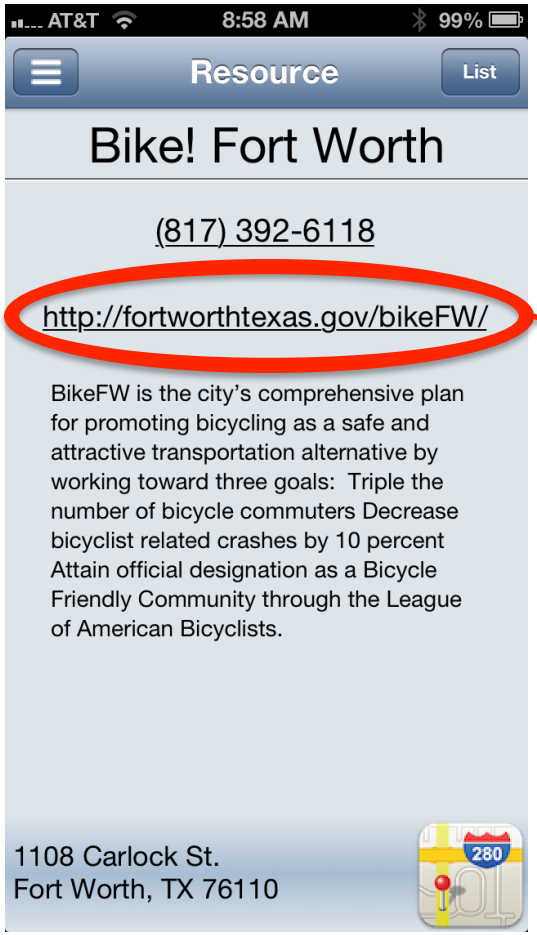
- Provides users with places in Fort Worth to aid in the 7 Dimensions of Health
- Users can place a call, visit their website, and map it.

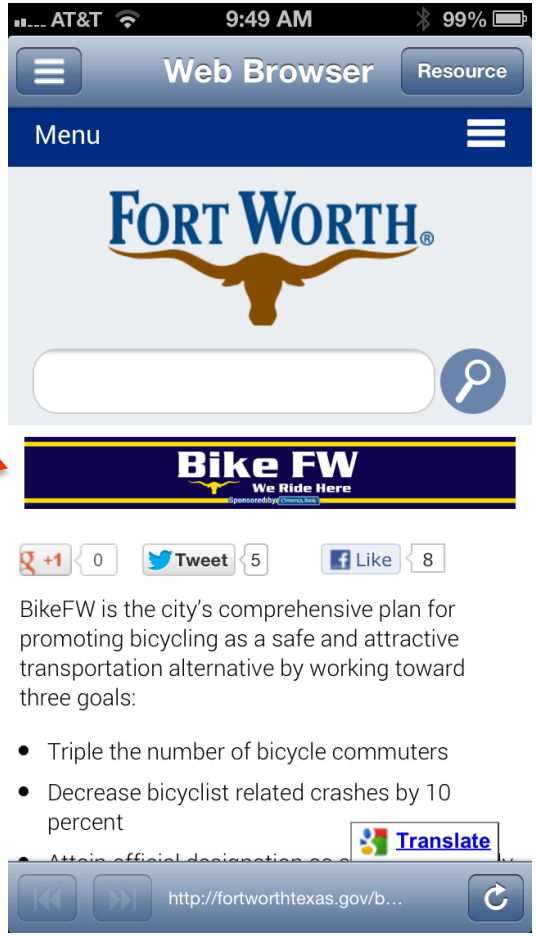
Placing a Call



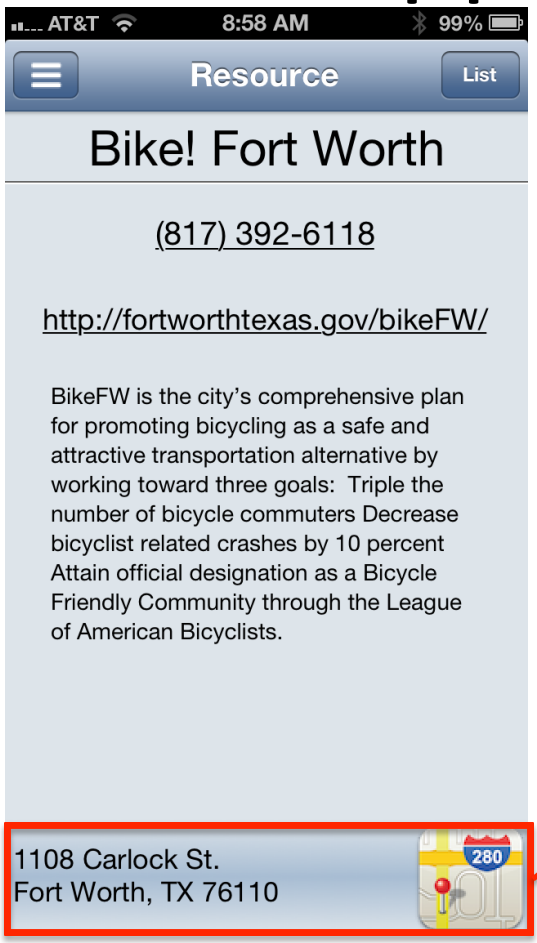


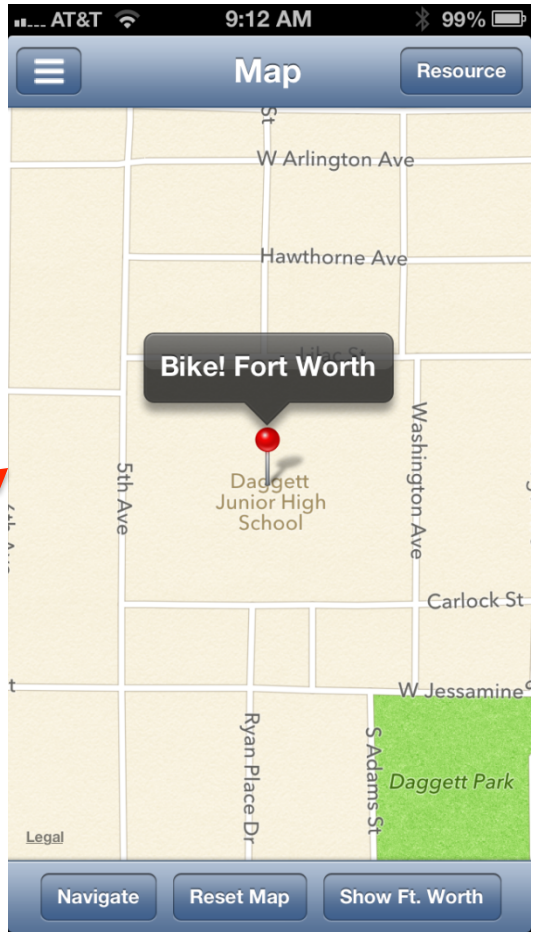
Visit Website



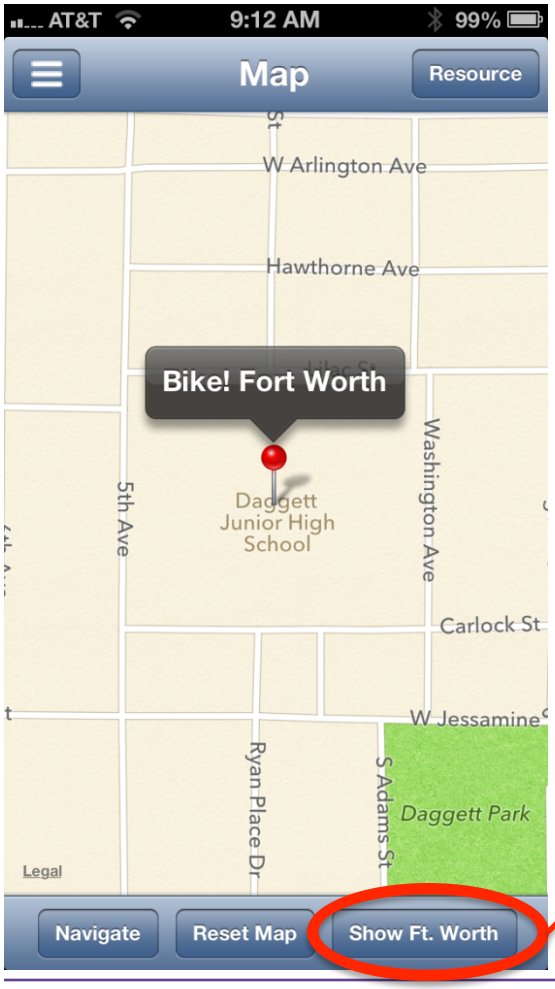


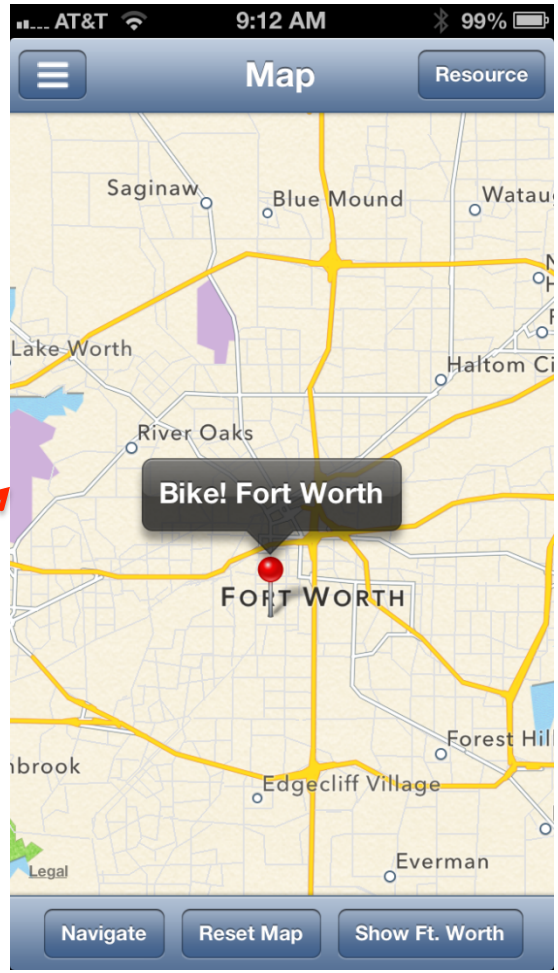
Mapping the Location



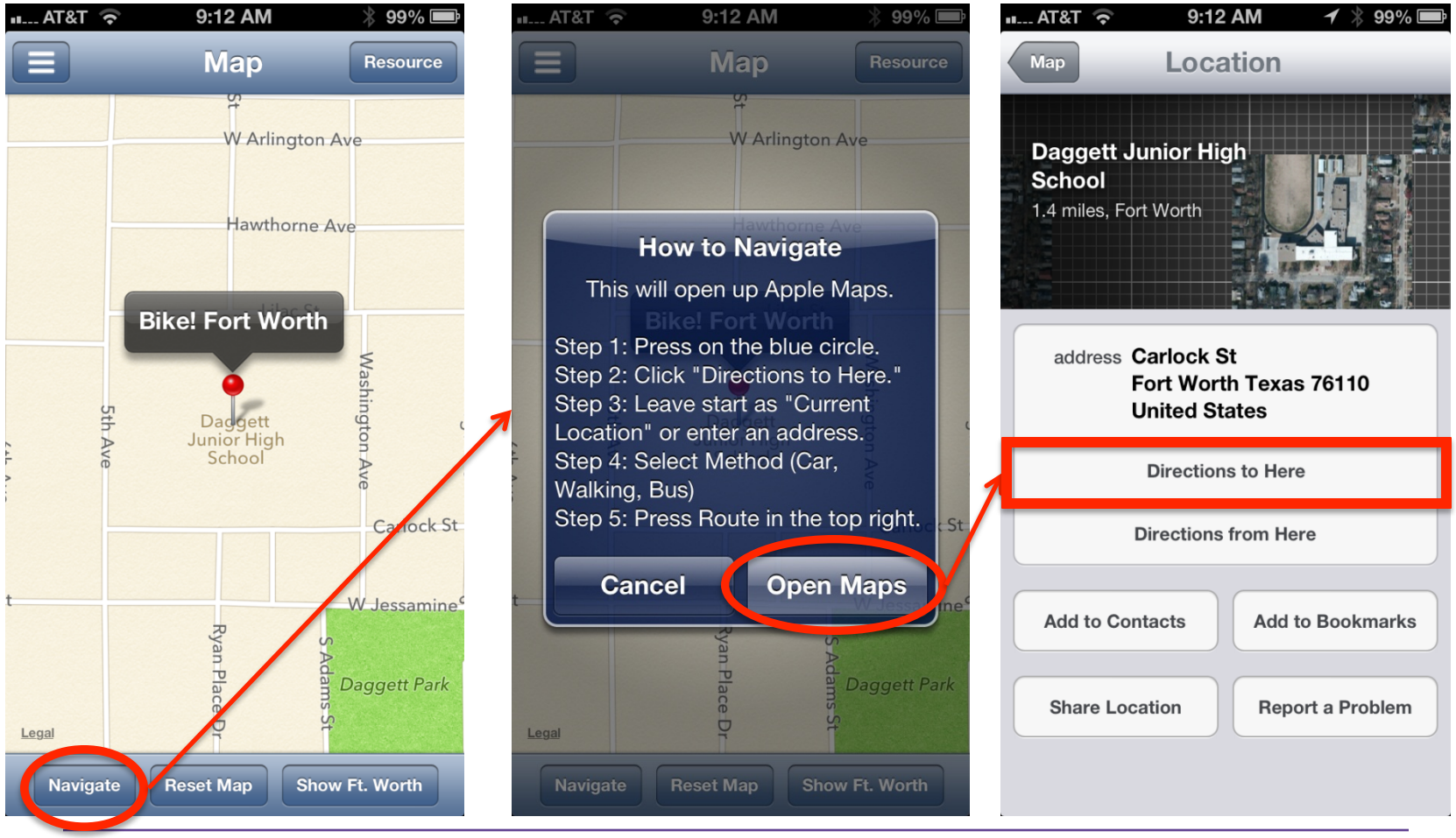


Viewing Location Relative to City Center

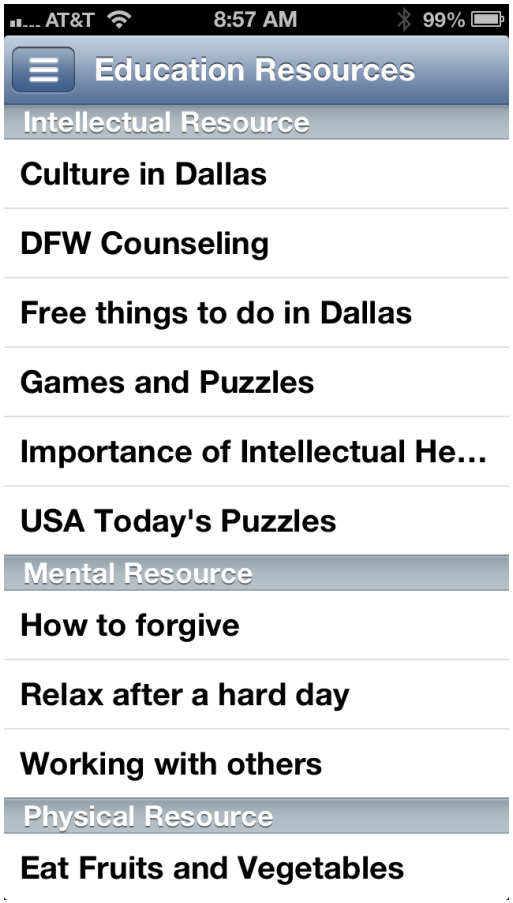




Apple Maps Integration

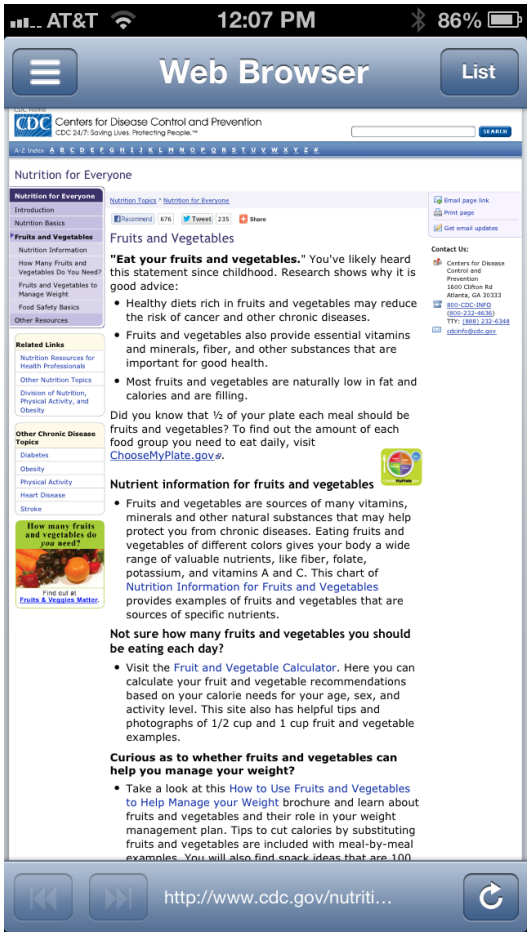


Health Education



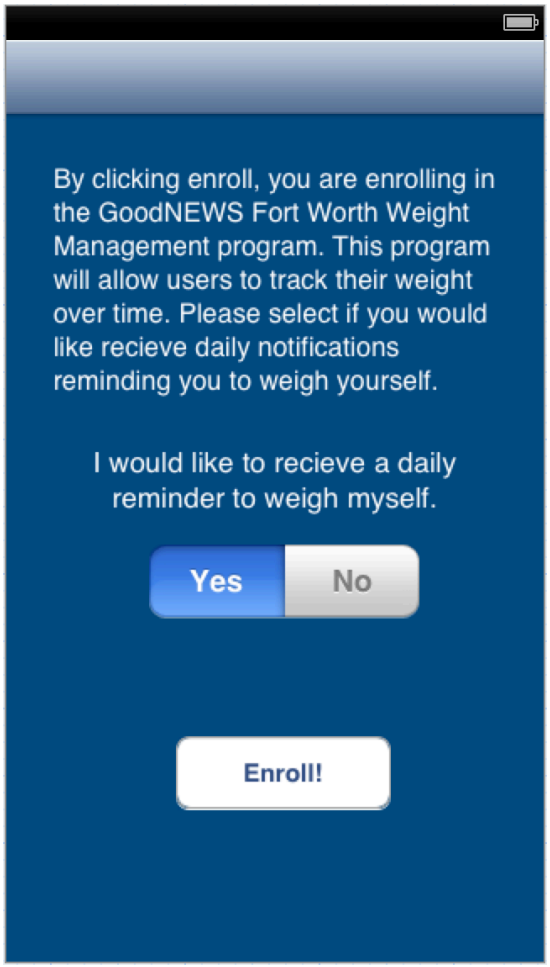
- Provides users with Educational Resources to further their growth in the 7 Dimensions
- Brings up a web browser where the user can look at web pages, PDFs and Microsoft Word Documents.

Health Education Web Browser



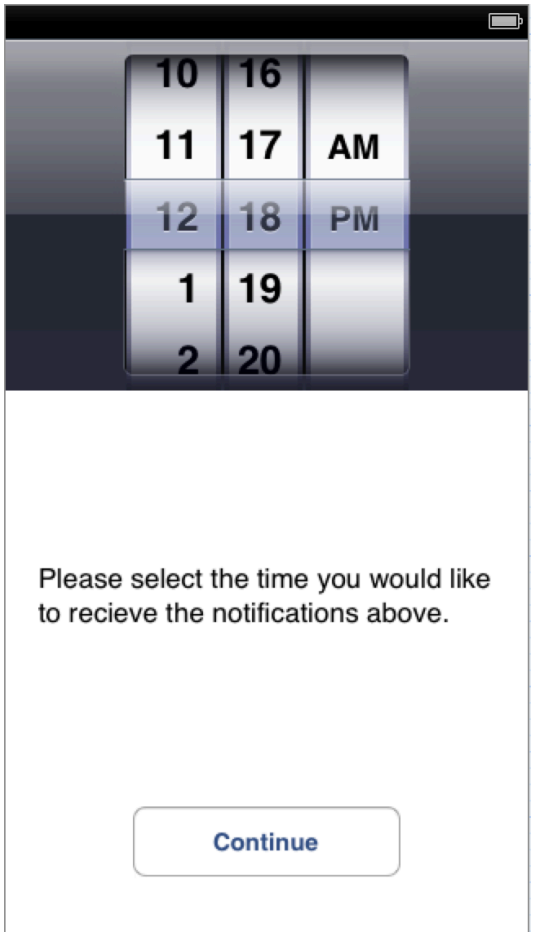
- Users get access to a wealth of resources curated by the GoodNEWS team
- Users can navigate to links on the page, go back, and forward

Weight Management Enrollment

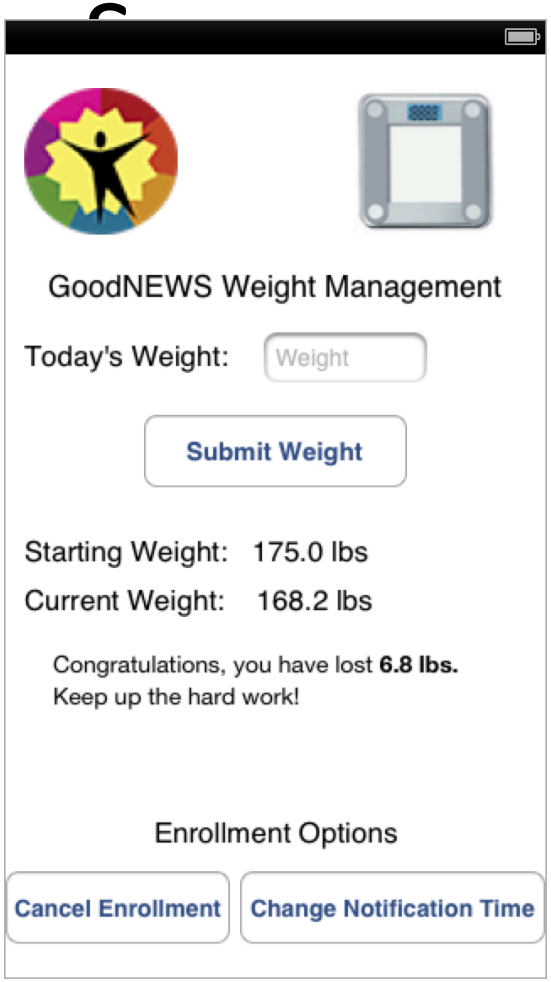


- Allows users to track weight

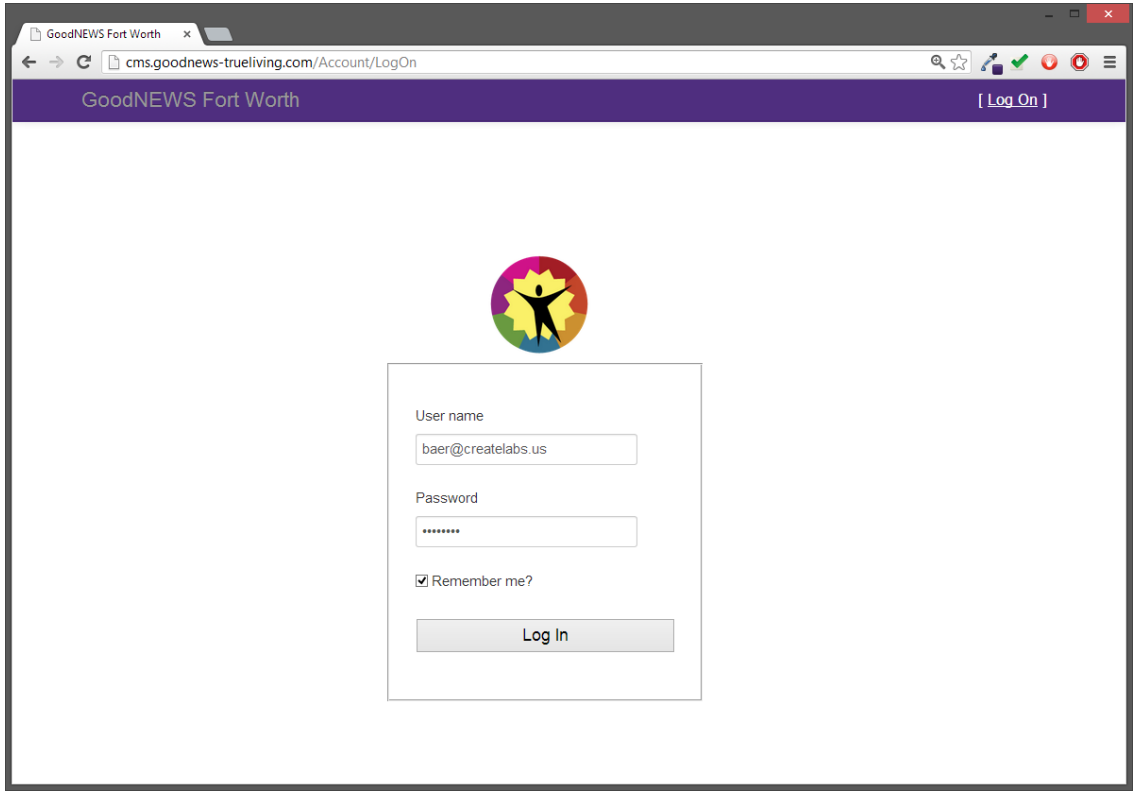
Weight Management Notification Setup



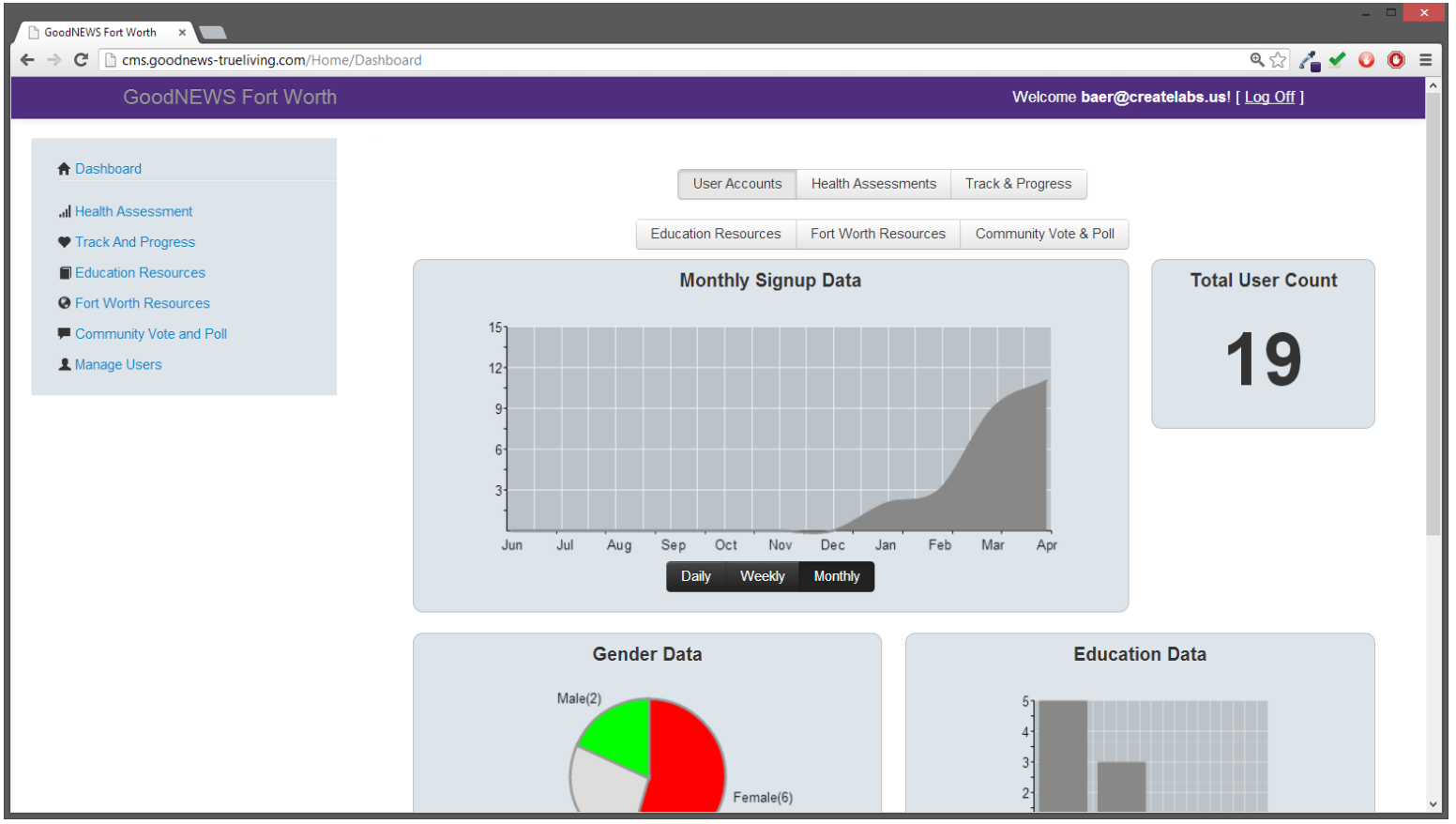
Weight Management



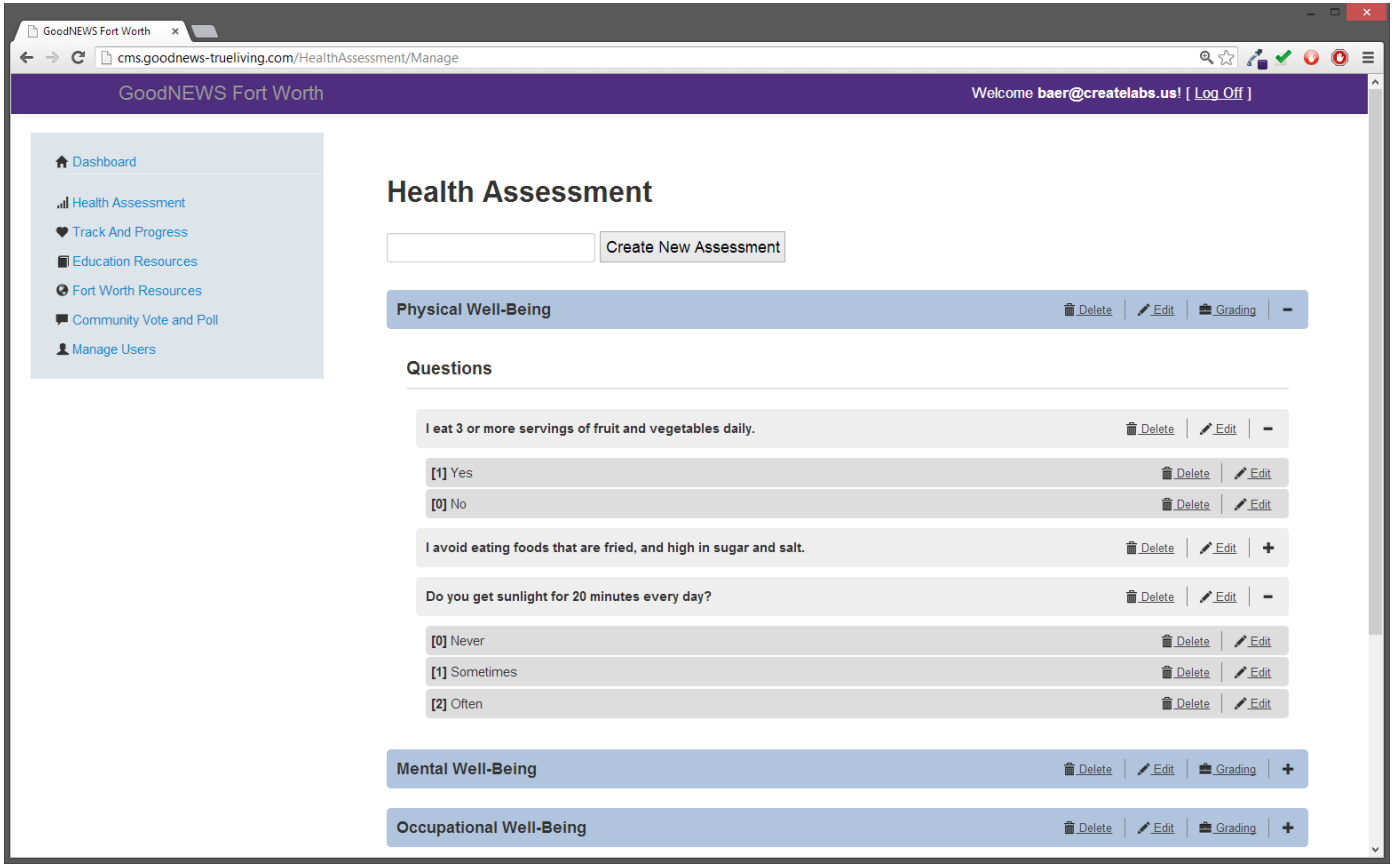
Content Management System



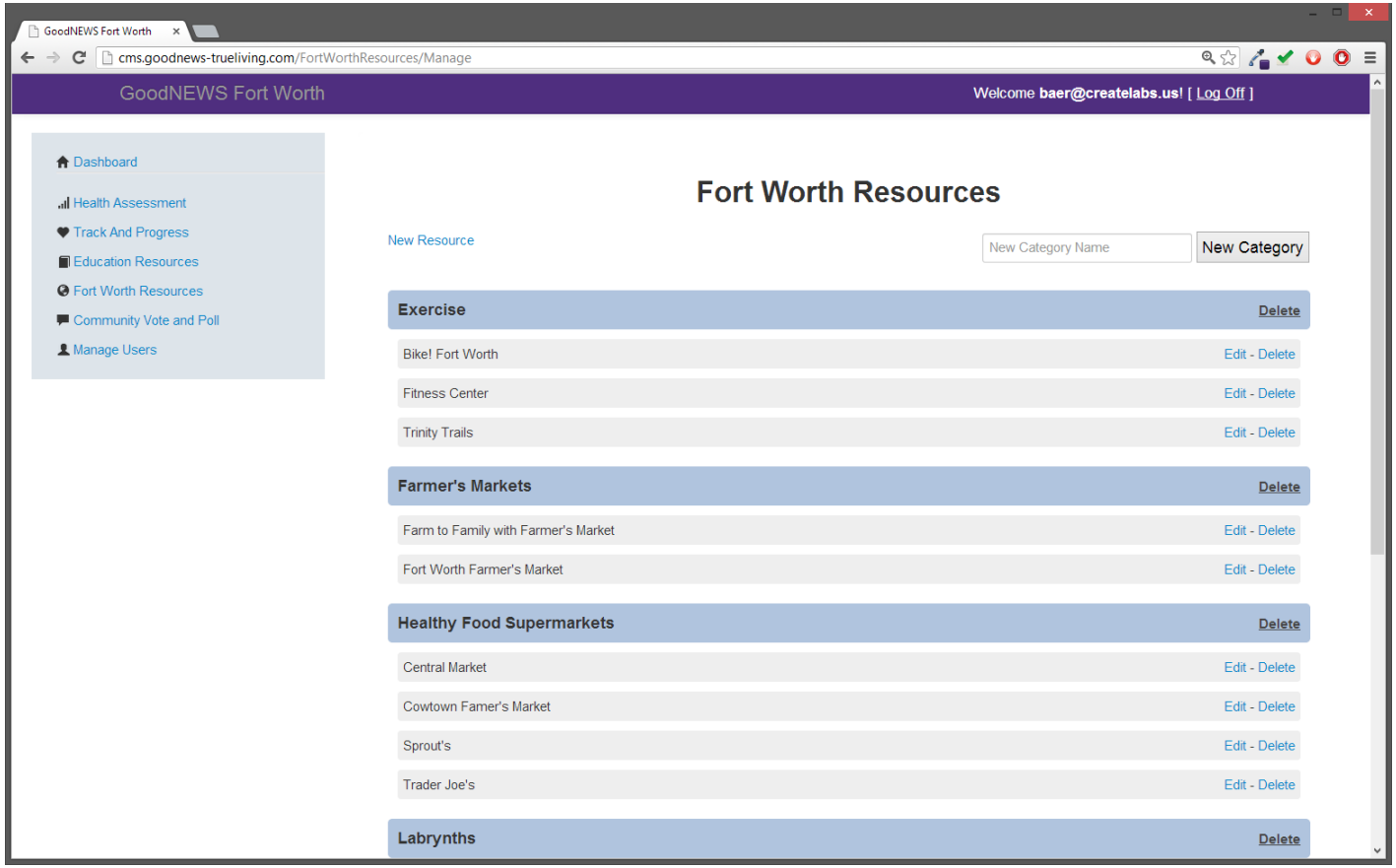
Dashboard


GoodNEWS Fort Worth
cms.goodnews-trueliving.com/Home/Dashboard
GoodNEWS Fort Worth
Welcome baer@createlabs.us! [Log Off]
Dashboard
Health Assessment
Track And Progress
Education Resources
Fort Worth Resources
Community Vote and Poll
Manage Users
User Accounts
Health Assessments
Track & Progress
Education Resources
Fort Worth Resources
Community Vote & Poll
Monthly Signup Data
15
12
9
6
3
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Jan
Feb
Mar
Apr
Daily
Weekly
Monthly
Total User Count
19
Gender Data
Male(2)
Female(6)
Education Data
5
4
3
2

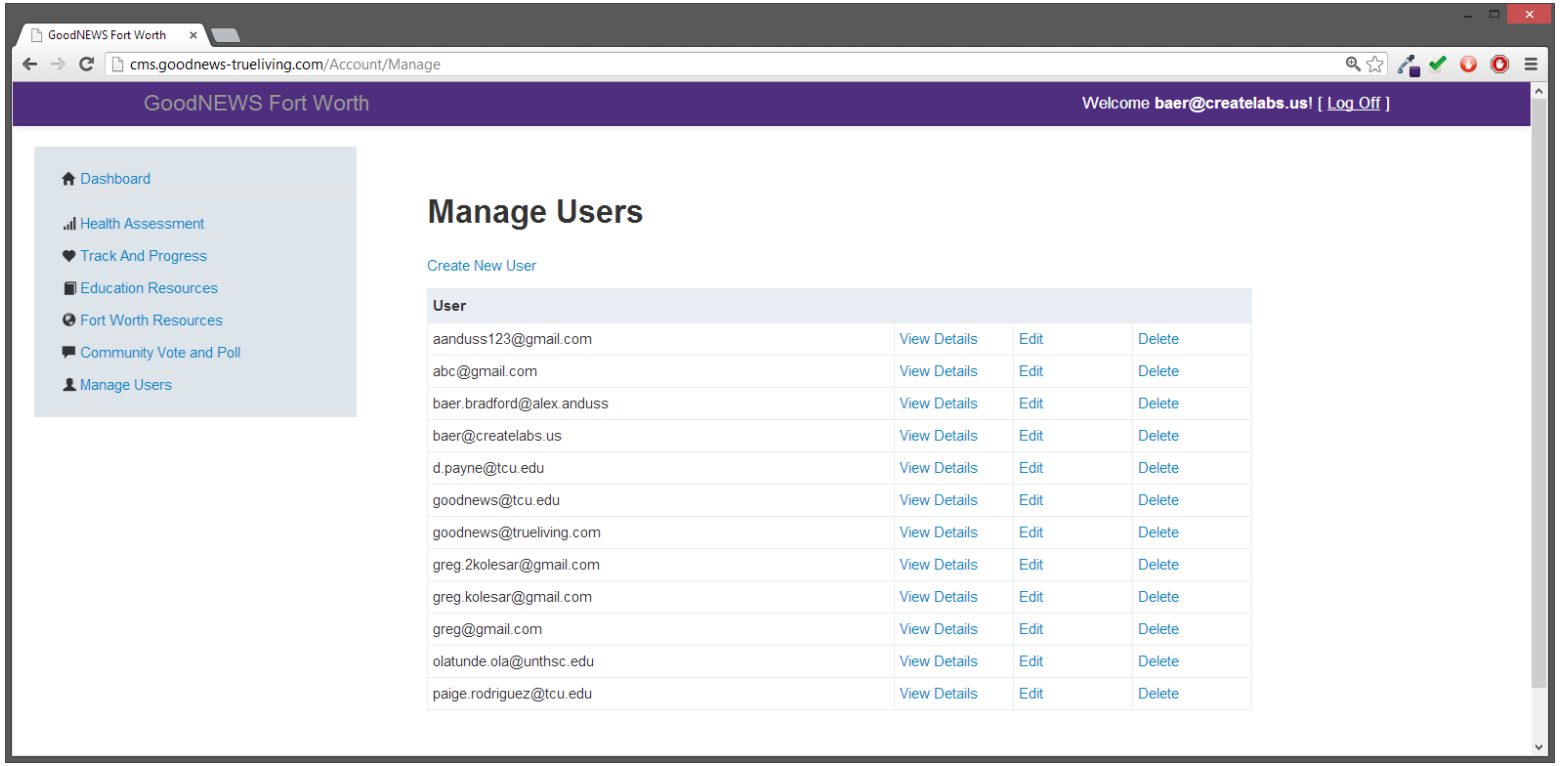
Surveys & Polls



Resources


GoodNEWS Fort Worth
cms.goodnews-trueliving.com/FortWorthResources/Manage
GoodNEWS Fort Worth
Welcome baer@createlabs.us! [Log Off]
Dashboard
Health Assessment
Track And Progress
Education Resources
Fort Worth Resources
Community Vote and Poll
Manage Users
Fort Worth Resources
New Resource
New Category Name
New Category
Exercise
Delete
Bike! Fort Worth
Edit - Delete
Fitness Center
Edit - Delete
Trinity Trails
Edit - Delete
Farmer's Markets
Delete
Farm to Family with Farmer's Market
Edit - Delete
Fort Worth Farmer's Market
Edit - Delete
Healthy Food Supermarkets
Delete
Central Market
Edit - Delete
Cowtown Famer's Market
Edit - Delete
Sprout's
Edit - Delete
Trader Joe's
Edit - Delete
Labrynths
Delete

Manage Users



CMS API

- Interface for mobile applications.
- Data is sent in JSON format using HTTP.

GetResource

Retrieves full information about a Fort Worth resource. No fields will be null, but some will be empty/blank.

Example query: `GET` `http://cms.goodnews-trueliving.com/API/FWResource/Get/{id}`

Example response:


```
{
    Resource: {
        Id: 2,
        CategoryId: 10,
        Name: "St. Stephen's Presbyterian Church",
        Link: "http://ststephen-pcusa.com/",
        Phone: " ",
        Description: "",
        Street: "2700 McPherson Ave.",
        City: "Fort Worth",
        State: "TX",
        ZipCode: "76109"
    },
    Status: 0
}
```

The Future of GoodNEWS

Testing

The mobile application is still undergoing user testing.

The Future

Both apps will be available for download in May from the app store.

GoodNEWS Fort Worth