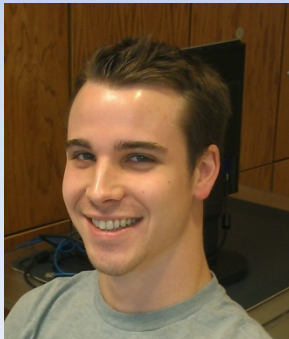

GoodNEWS Fort Worth



Department of Computer Science

HealthyFROGS

Alex Anduss



- Android
- Project Media
- Website

Baer Bradford



- Client Interface
- CMS
- Design

Greg Kolesar



- 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.

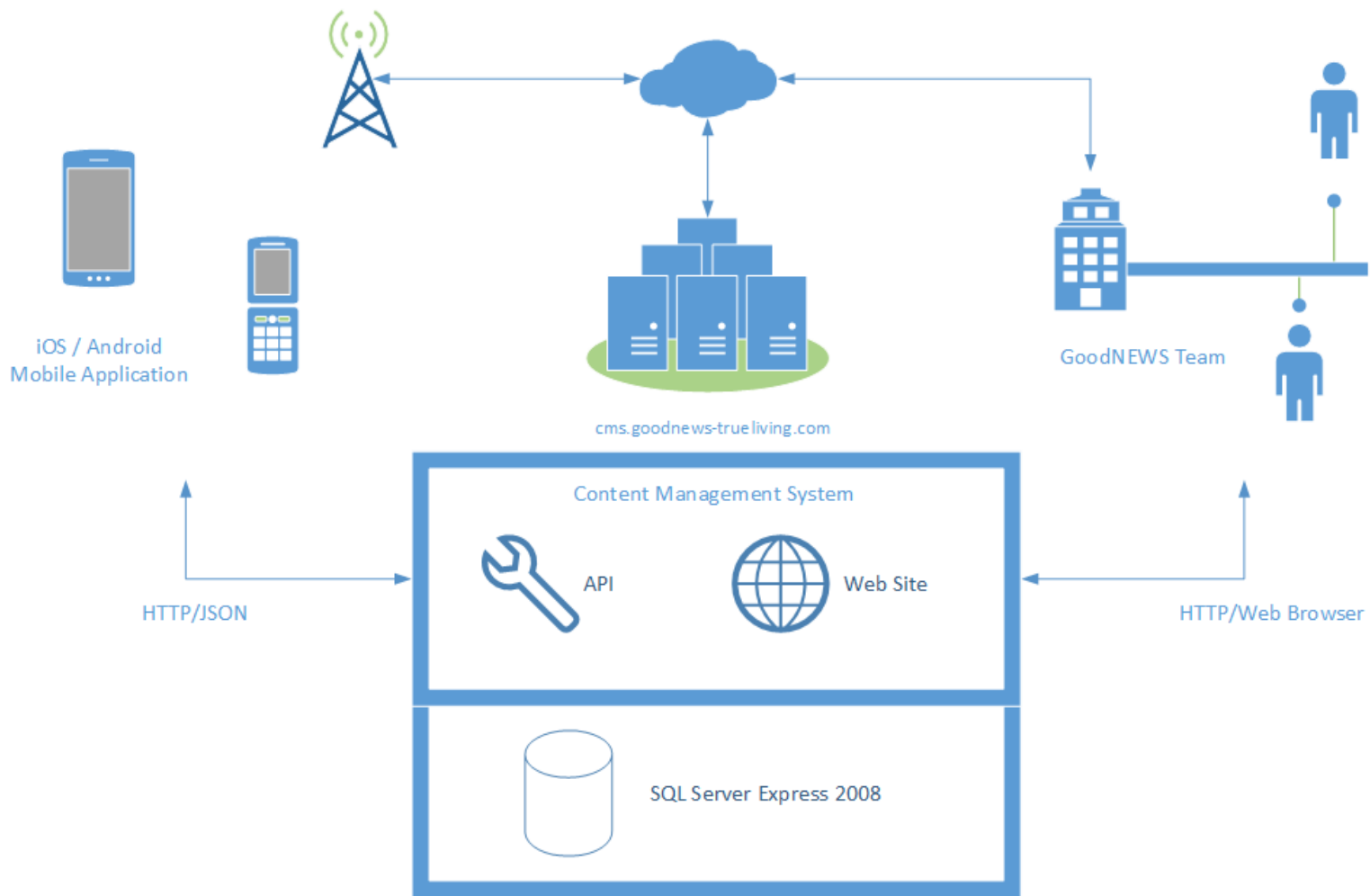


GoodNEWS Philosophy

Foci:

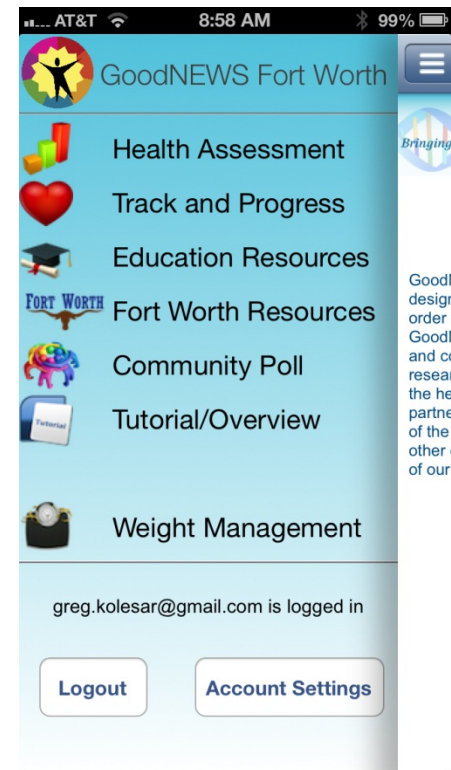
- Community Health Outreach Programs
- Preventative Medicine
- Hosting Seminars





Mobile Application

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

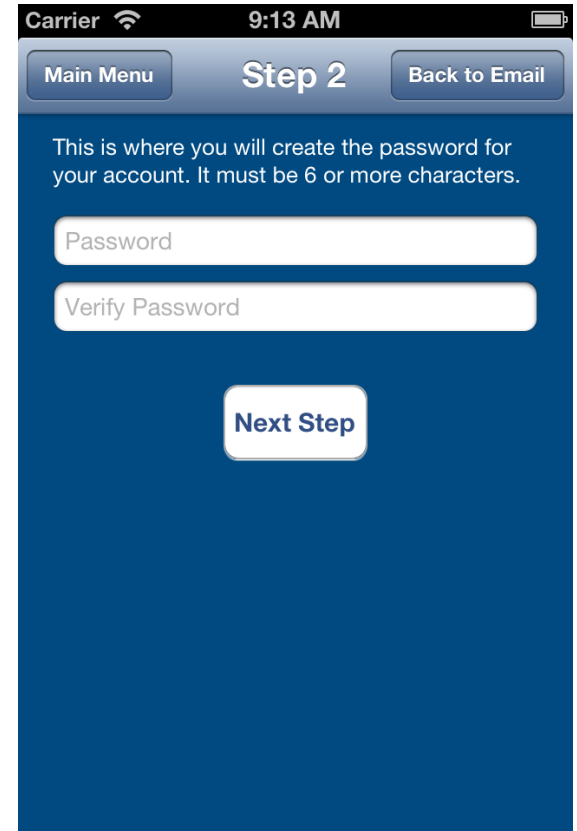
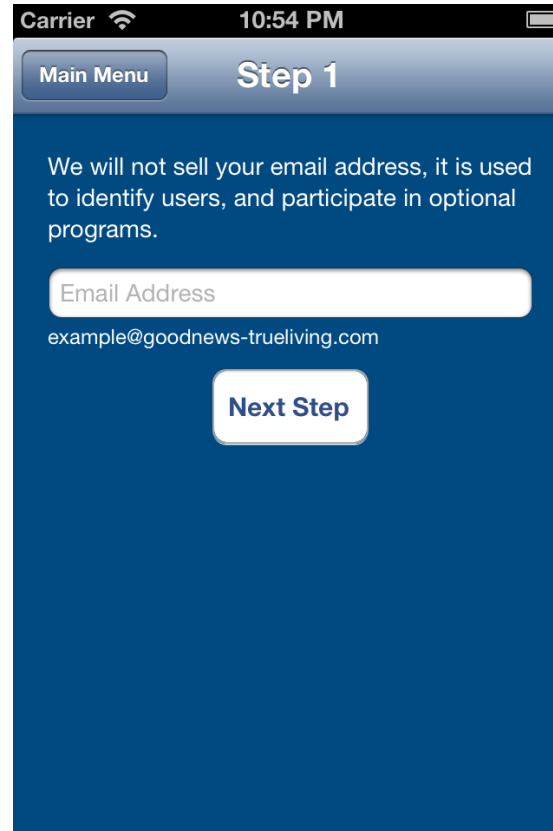


Initial Screen

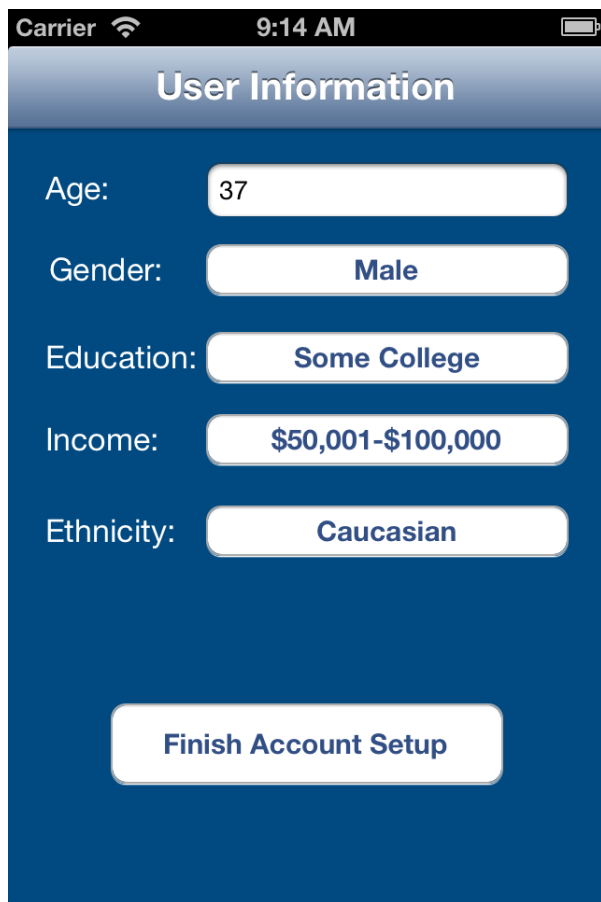


- Checks connection to Content Management System
- Allows new user to Create Account
- Allows current users to login
- If the user was previously logged in, it will automatically log them in

Create User Account



User Account Information



The screenshot shows a mobile application interface for 'User Information'. At the top, the status bar displays 'Carrier', a Wi-Fi icon, the time '9:14 AM', and a battery icon. Below the status bar is a blue header with the text 'User Information'. The form consists of several fields, each with a label on the left and a white input field on the right. The fields are: 'Age:' with the value '37'; 'Gender:' with the value 'Male'; 'Education:' with the value 'Some College'; 'Income:' with the value '\$50,001-\$100,000'; and 'Ethnicity:' with the value 'Caucasian'. At the bottom of the form is a large white button with the text 'Finish Account Setup'.

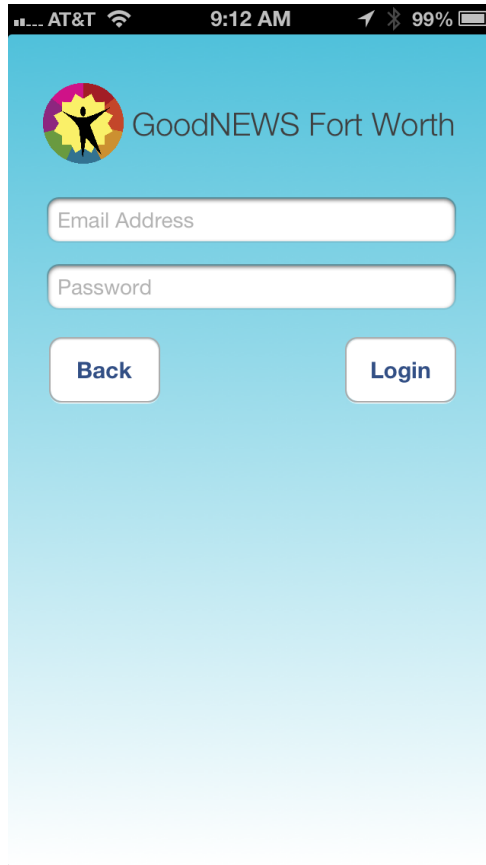
- Allows the GoodNEWS Team to gather demographics on their users
- Users are identified by email
- Additional information is anonymous and can be changed at any time

Initial Screen



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

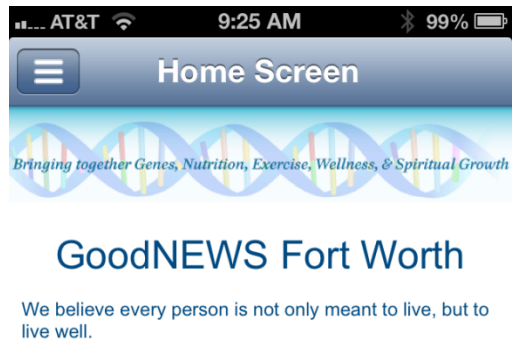
User Login



The screenshot shows a mobile application interface for "GoodNEWS Fort Worth". At the top, the status bar displays "AT&T", signal strength, Wi-Fi, the time "9:12 AM", location services, and a 99% battery level. Below the status bar is the app's logo, a stylized figure with arms raised inside a colorful gear, followed by the text "GoodNEWS Fort Worth". The main content area features two white input fields: "Email Address" and "Password". Below these fields are two white buttons with rounded corners: "Back" on the left and "Login" on the right. The background of the app is a light blue gradient.

- Allows user to login via email/ password previously setup

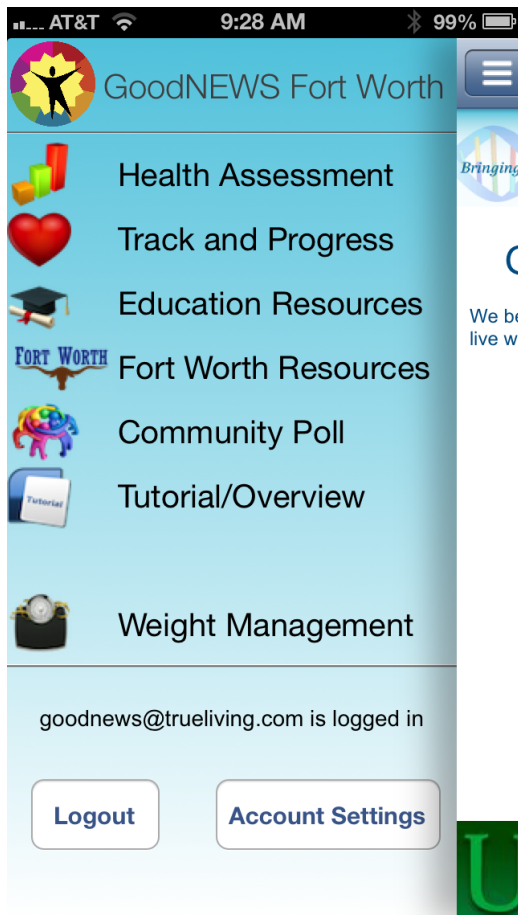
Welcome Screen



- Daily quote provided by the CMS



Main Menu



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

Assessments

Assessment Category	Date Taken	Progress
Physical Well-Being	04/05/13	50.00%
Mental Well-Being	03/19/13	100.00%
Occupational Well-Being	Survey Not Taken	0.00%
Spiritual Well-Being	Survey Not Taken	0.00%
Social Well-Being	Survey Not Taken	0.00%
Environmental Well-Being	Survey Not Taken	0.00%
Intellectual Well-Being	08:44 AM	75.00%

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

Sample Question



I eat 3 or more servings of fruit and vegetables daily.

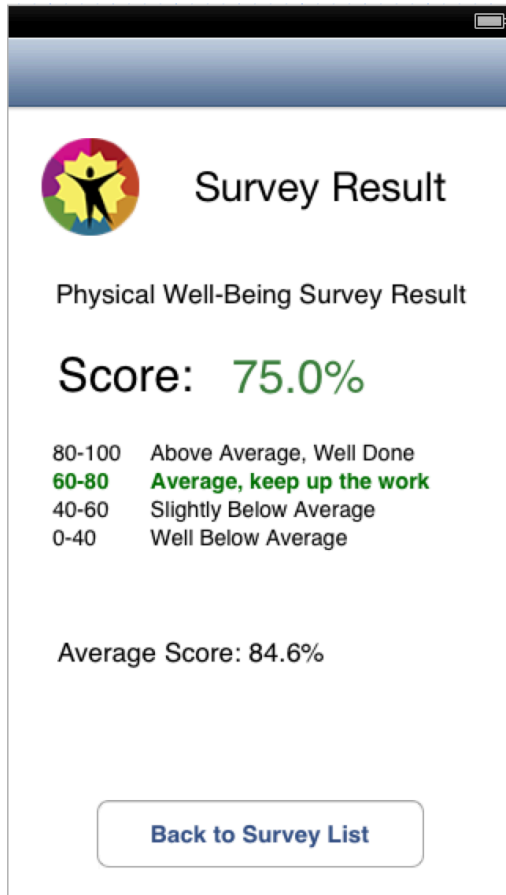
- Yes
- No


- Single selection buttons
- User can navigate backwards and forwards

1/3

Next

Assessment Result



 Survey Result

Physical Well-Being Survey Result

Score: **75.0%**

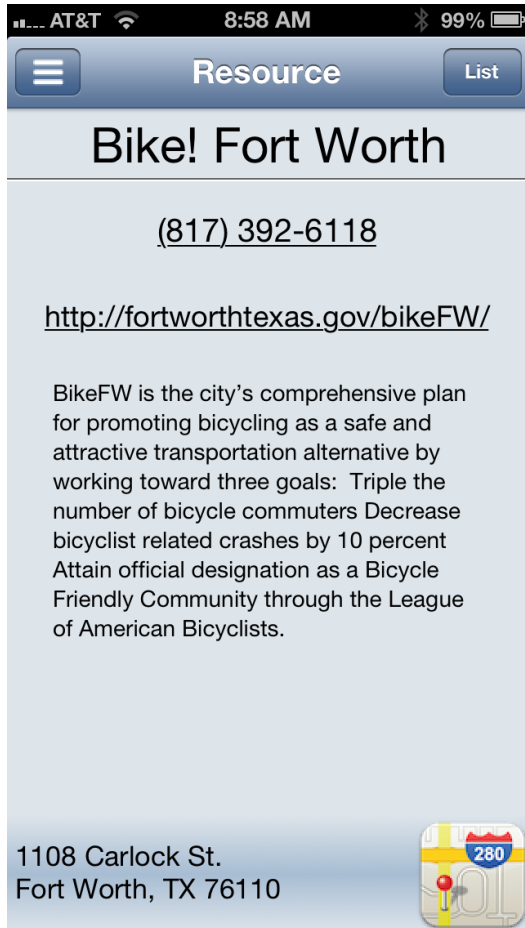
80-100	Above Average, Well Done
60-80	Average, keep up the work
40-60	Slightly Below Average
0-40	Well Below Average

Average Score: 84.6%

[Back to Survey List](#)

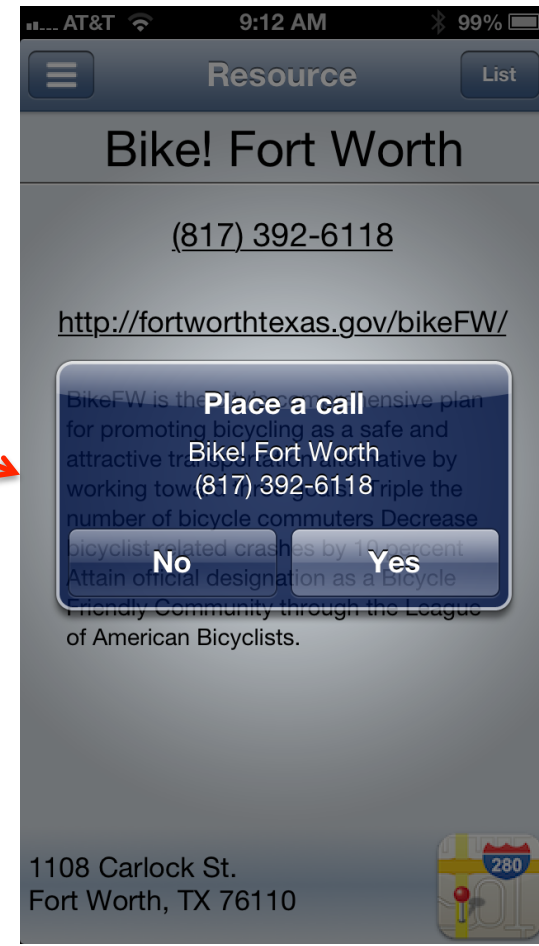
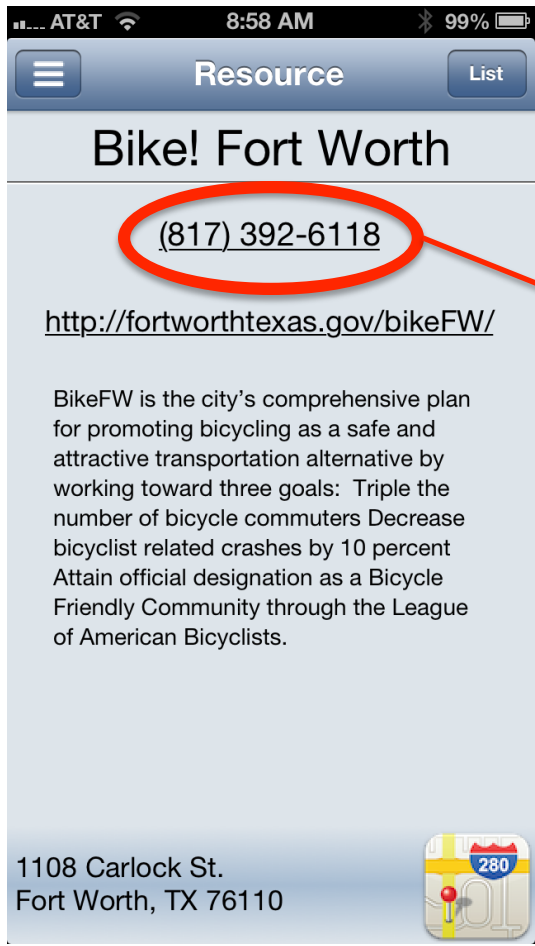
- Displays score on the assessment
- Shows the user where they are in relation to the grading rubric
- Shows the user the average from all the assessments of that type

Fort Worth Resources

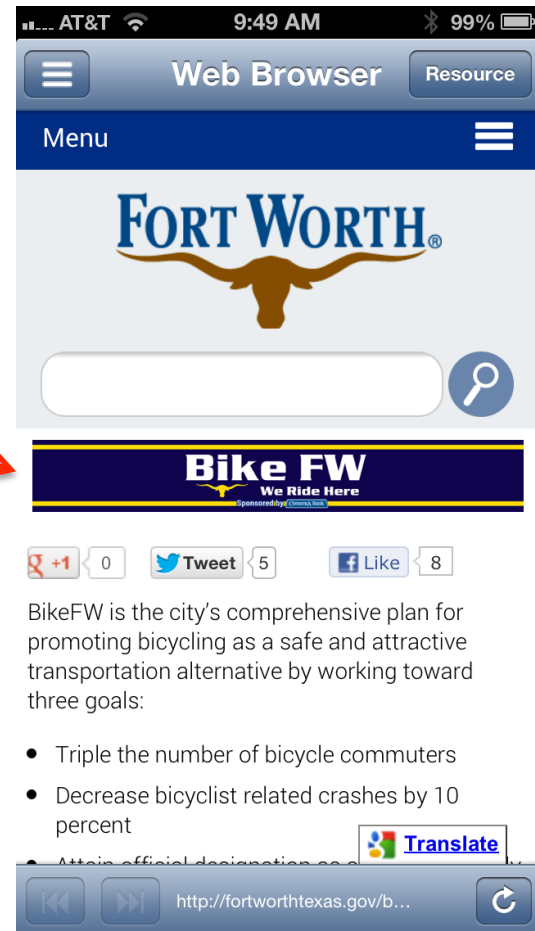
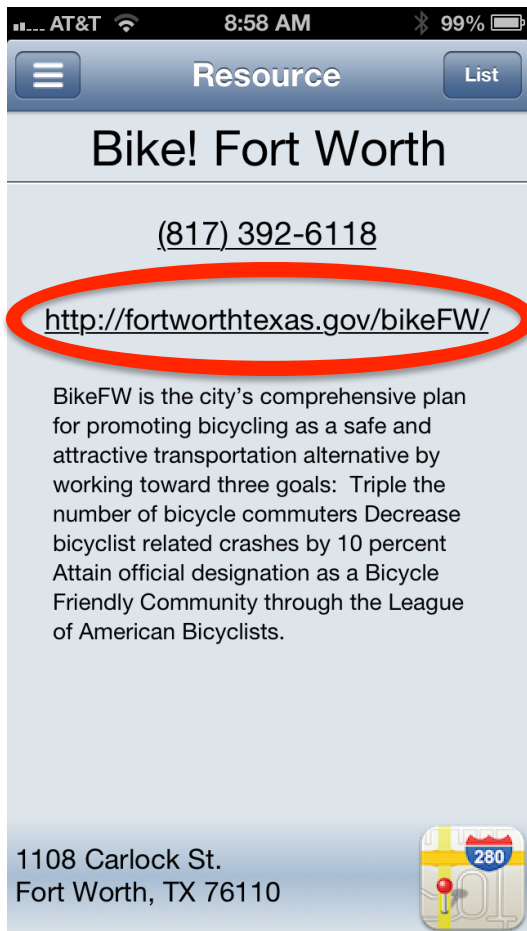


- Provides users with places in Fort Worth to aid in the 7 Dimensions of Health
- Users can place a call, visit their website, and map it.

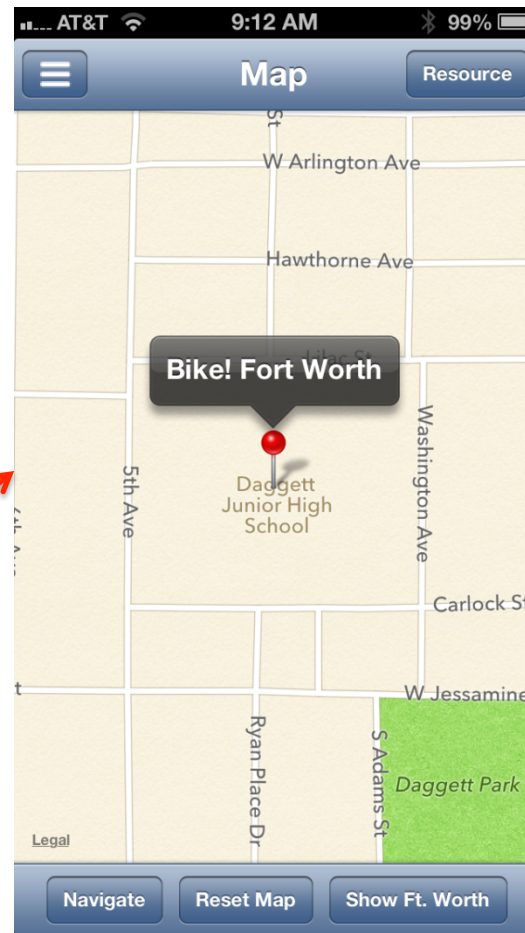
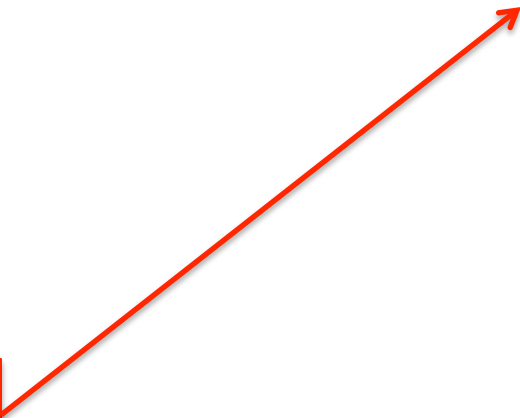
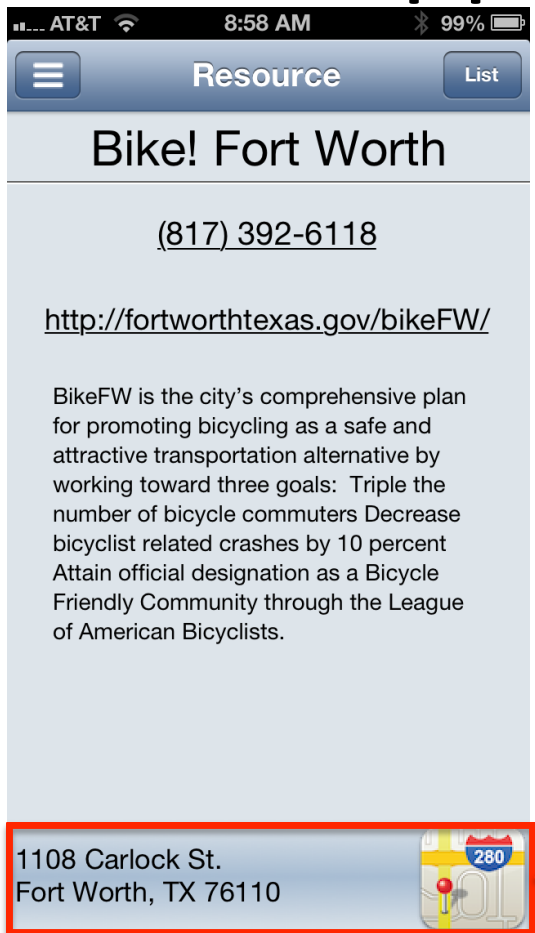
Placing a Call



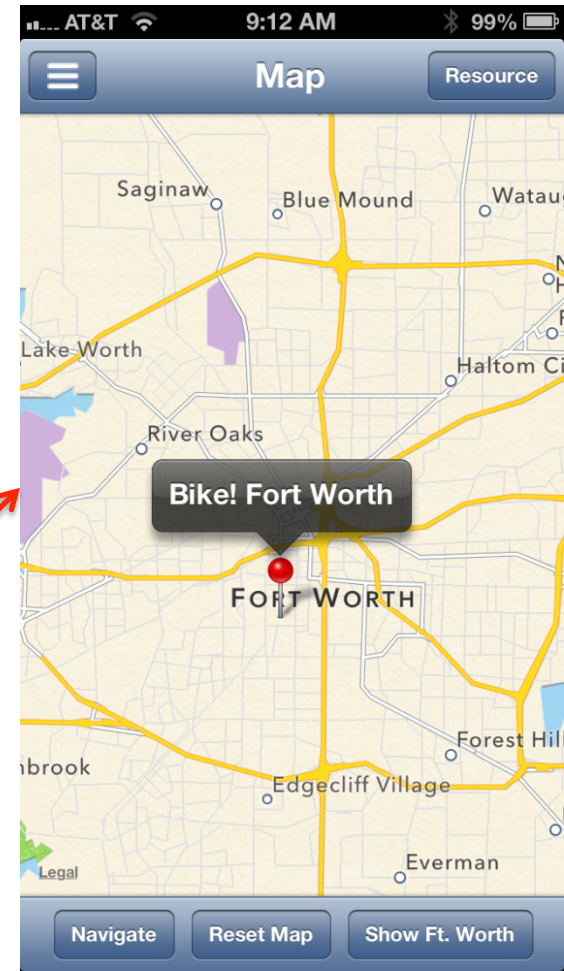
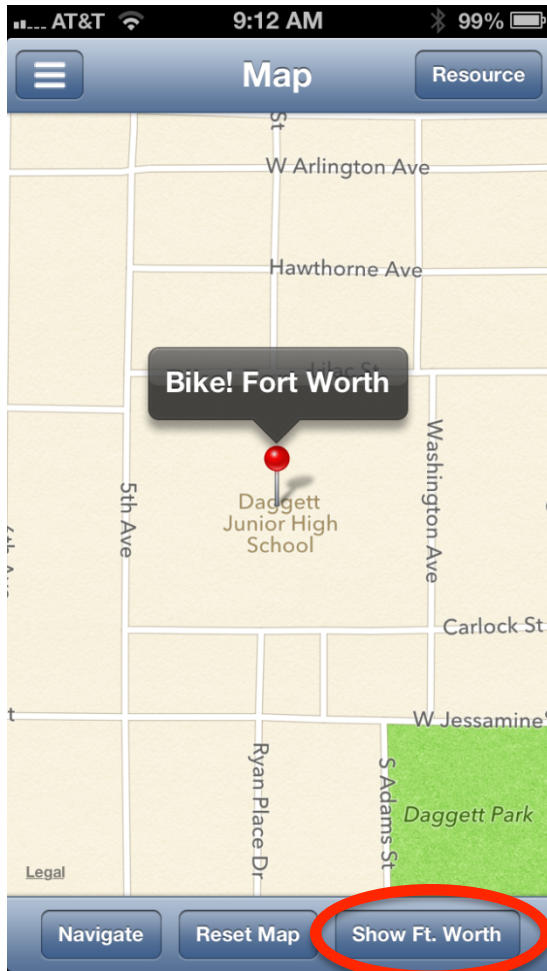
Visit Website



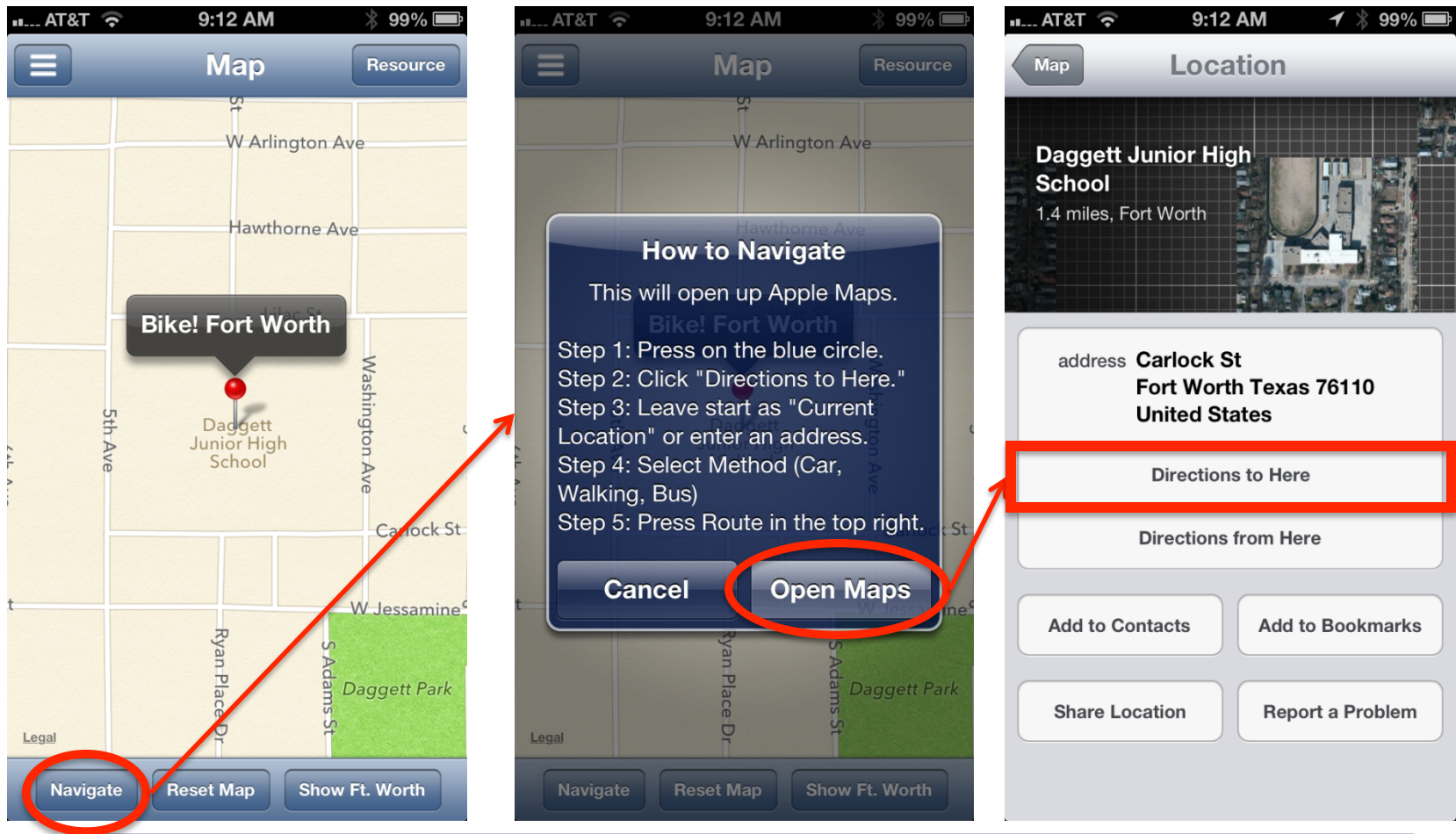
Mapping the Location



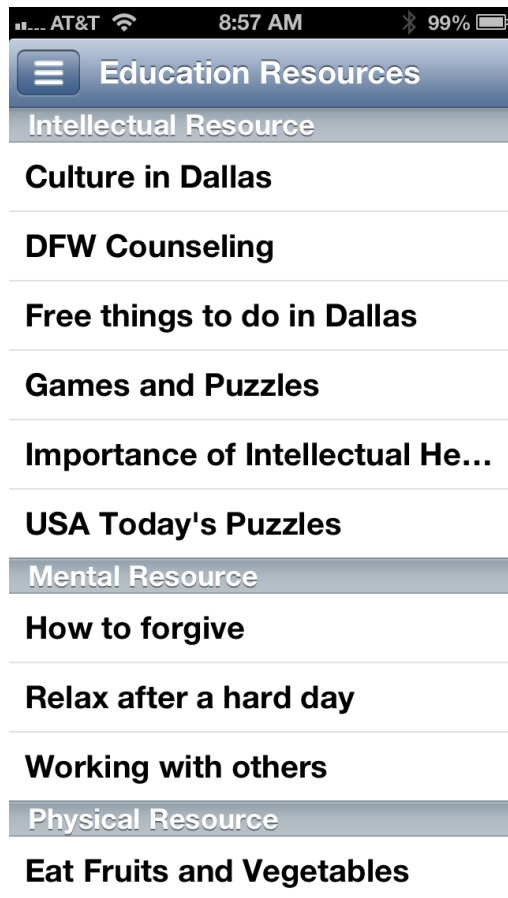
Viewing Location Relative to City Center



Apple Maps Integration

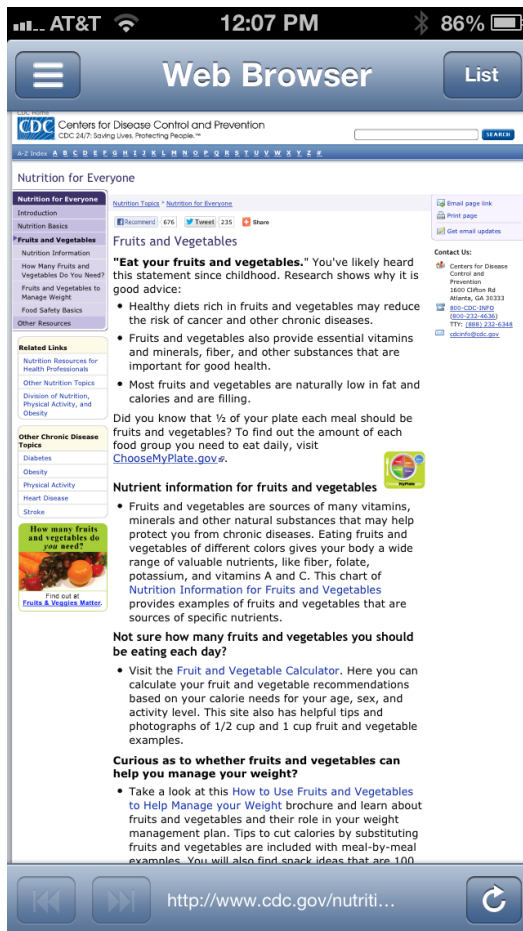


Health Education



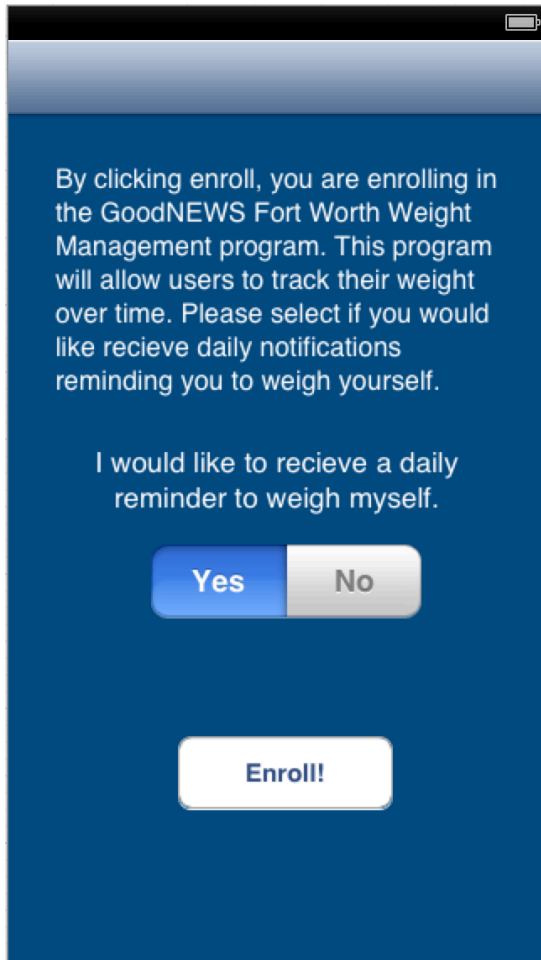
- Provides users with Educational Resources to further their growth in the 7 Dimensions
- Brings up a web browser where the user can look at web pages, PDFs and Microsoft Word Documents.

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



By clicking enroll, you are enrolling in the GoodNEWS Fort Worth Weight Management program. This program will allow users to track their weight over time. Please select if you would like receive daily notifications reminding you to weigh yourself.

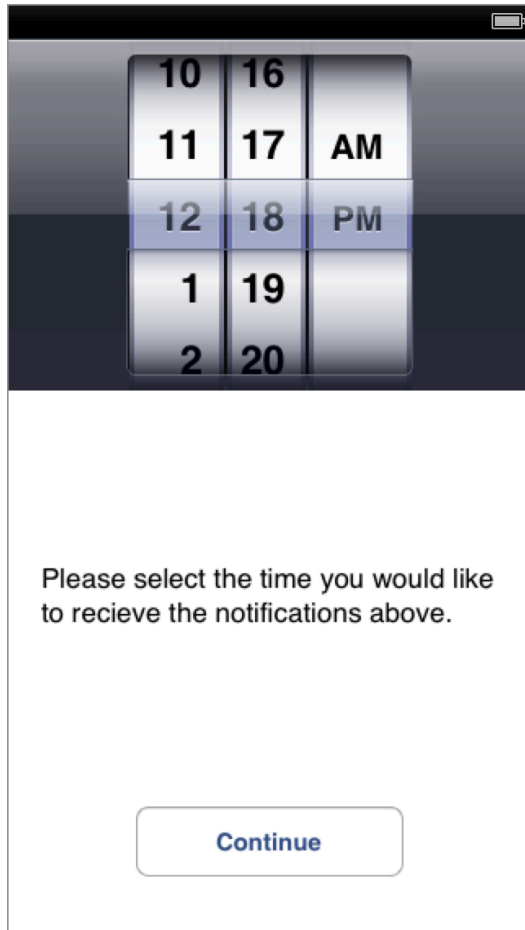
I would like to receive a daily reminder to weigh myself.

Yes No

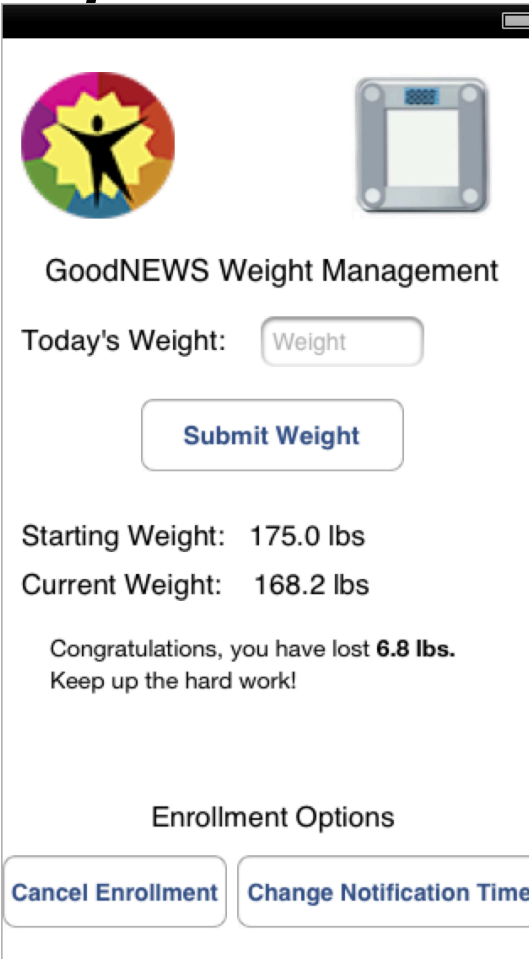
Enroll!

- Allows users to track weight

Weight Management Notification Setup

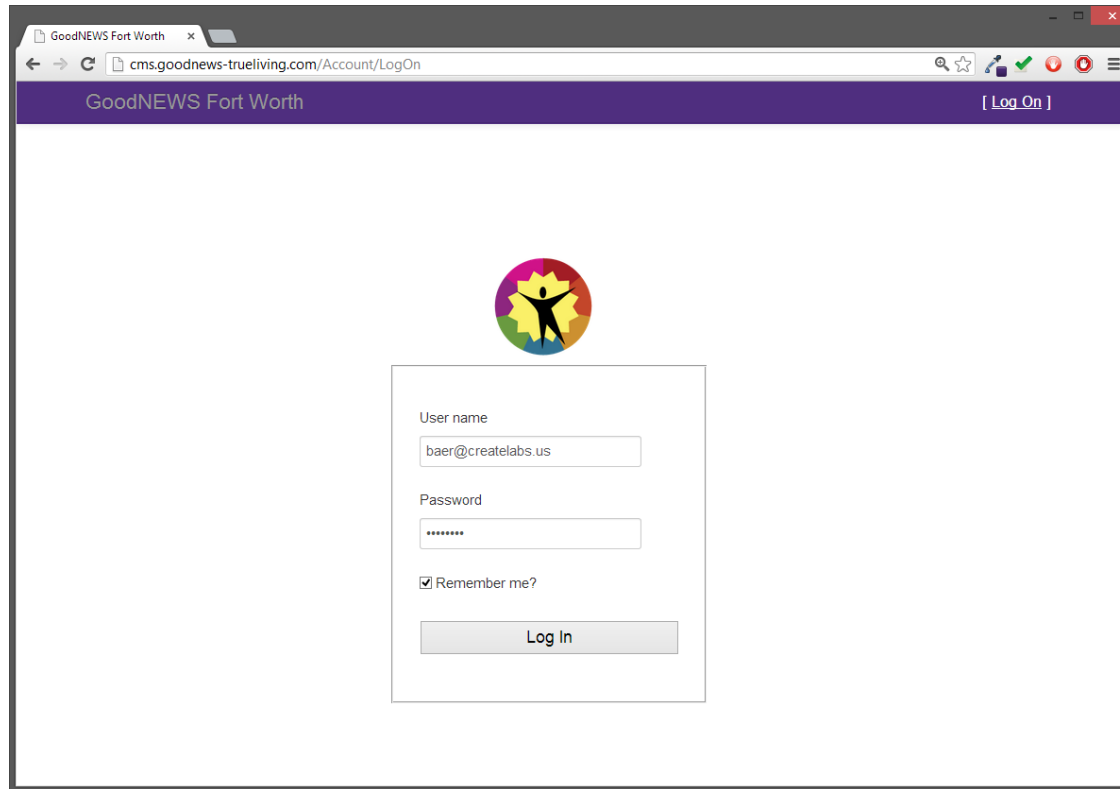


Weight Management

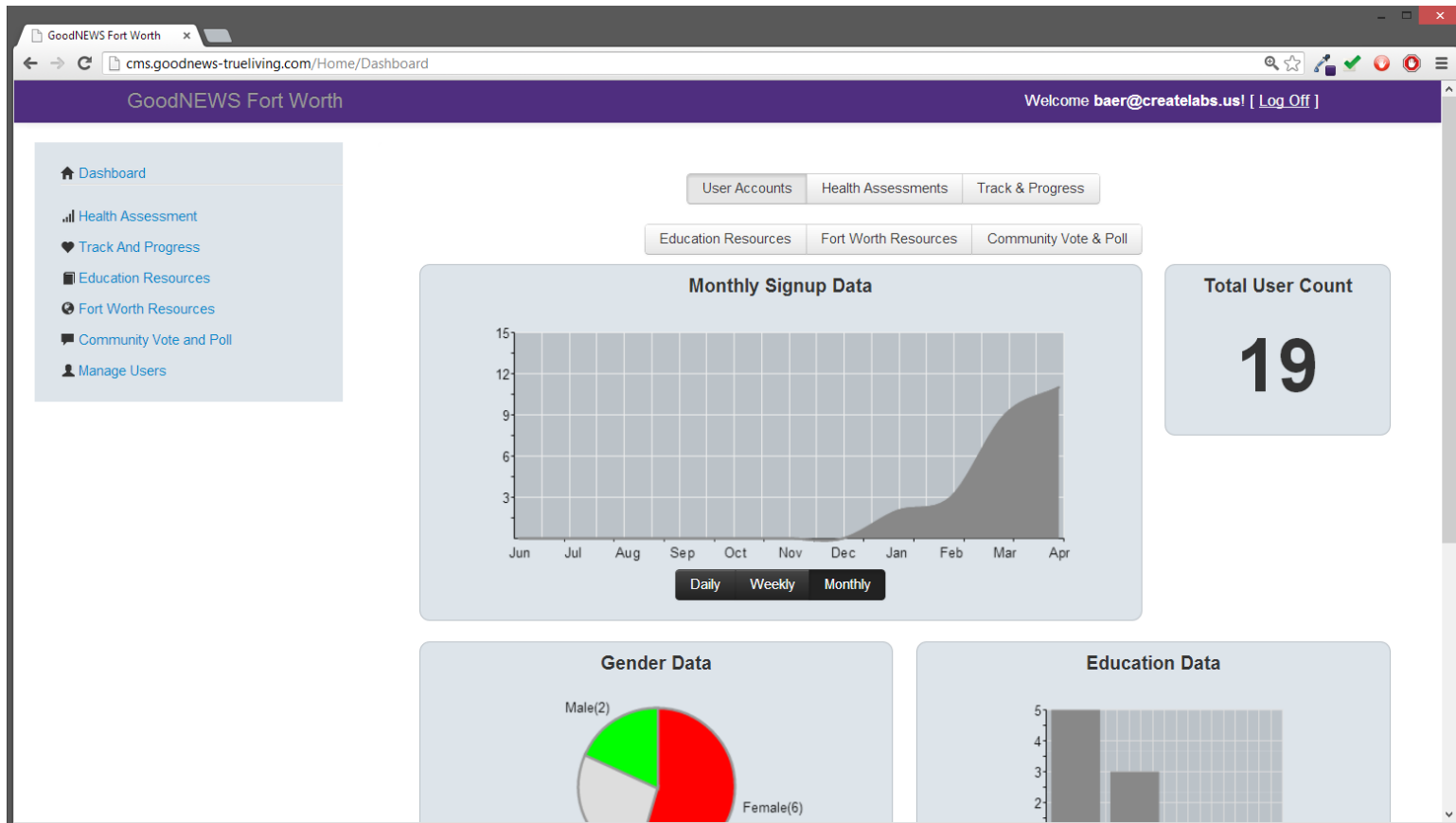


The image shows a mobile application interface for "GoodNEWS Weight Management". At the top left is a circular logo with a stylized figure and a gear. To its right is an icon of a digital scale. Below the logo is the text "GoodNEWS Weight Management". A form for "Today's Weight:" has a text input field containing the word "Weight". Below this is a blue "Submit Weight" button. Further down, it displays "Starting Weight: 175.0 lbs" and "Current Weight: 168.2 lbs". A congratulatory message reads: "Congratulations, you have lost **6.8 lbs.** Keep up the hard work!". At the bottom, under the heading "Enrollment Options", there are two buttons: "Cancel Enrollment" and "Change Notification Time".

Content Management System



Dashboard



Surveys & Polls

The screenshot shows a web browser window with the URL `cms.goodnews-trueliving.com/HealthAssessment/Manage`. The page title is "GoodNEWS Fort Worth" and the user is logged in as "baer@createlabs.us!". A sidebar on the left contains navigation links: Dashboard, Health Assessment, Track And Progress, Education Resources, Fort Worth Resources, Community Vote and Poll, and Manage Users. The main content area is titled "Health Assessment" and features a "Create New Assessment" button. Below this, there are three sections for managing assessment questions: "Physical Well-Being", "Mental Well-Being", and "Occupational Well-Being". Each section has a "Delete", "Edit", and "Grading" button. The "Physical Well-Being" section contains two questions with their respective answer options and grading controls.

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

Health Assessment

[Create New Assessment](#)

Physical Well-Being Delete | Edit | Grading | -

Questions

I eat 3 or more servings of fruit and vegetables daily. Delete | Edit | -

[1] Yes Delete | Edit

[0] No Delete | Edit

I avoid eating foods that are fried, and high in sugar and salt. Delete | Edit | +

Do you get sunlight for 20 minutes every day? Delete | Edit | -

[0] Never Delete | Edit

[1] Sometimes Delete | Edit

[2] Often Delete | Edit

Mental Well-Being Delete | Edit | Grading | +

Occupational Well-Being Delete | Edit | Grading | +

Resources

The screenshot displays a web browser window with the URL `cms.goodnews-trueliving.com/FortWorthResources/Manage`. The page title is "GoodNEWS Fort Worth" and the user is logged in as `baer@createlabs.us!`. A sidebar on the left contains navigation links: Dashboard, Health Assessment, Track And Progress, Education Resources, Fort Worth Resources, Community Vote and Poll, and Manage Users. The main content area is titled "Fort Worth Resources" and includes a "New Resource" section with a "New Category" form. Below this, there are five resource categories, each with a list of items and a "Delete" button:

- 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)
- Labrynth** (Delete)

Manage Users

GoodNEWS Fort Worth

Welcome **baer@createlabs.us!** [[Log Off](#)]

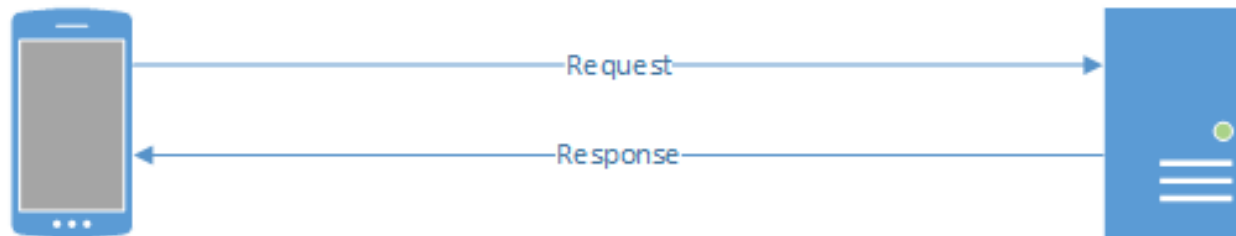
Manage Users

[Create New User](#)

User	View Details	Edit	Delete
aanduss123@gmail.com	View Details	Edit	Delete
abc@gmail.com	View Details	Edit	Delete
baer.bradford@alex.anduss	View Details	Edit	Delete
baer@createlabs.us	View Details	Edit	Delete
d.payne@tcu.edu	View Details	Edit	Delete
goodnews@tcu.edu	View Details	Edit	Delete
goodnews@trueliving.com	View Details	Edit	Delete
greg.2kolesar@gmail.com	View Details	Edit	Delete
greg.kolesar@gmail.com	View Details	Edit	Delete
greg@gmail.com	View Details	Edit	Delete
olatunde.ola@unthsc.edu	View Details	Edit	Delete
paige.rodriguez@tcu.edu	View Details	Edit	Delete

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

