

GoThatWay

Vision Statement: “To get people wherever they want to go as simply as possible”

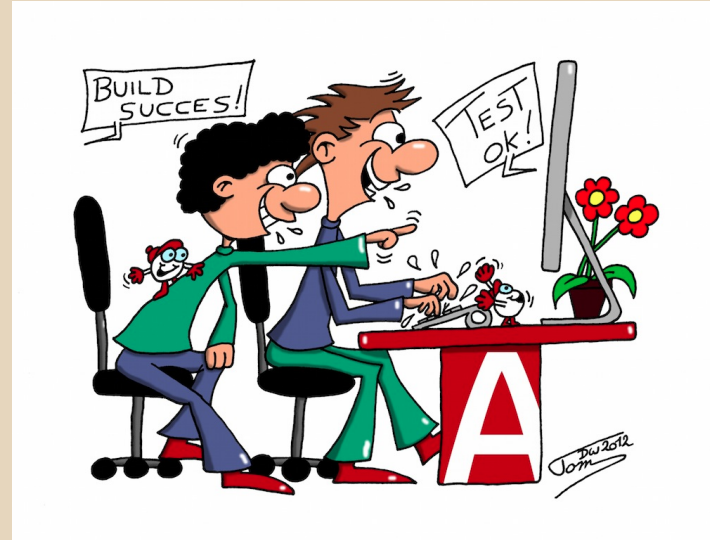
- Andrew Linenfelser, Stephen Rowell, Jesse Wisniewski, Nathan Welch, Henrik Larsen

Methodologies

- Agile
 - 4/5



- Pair - programming
 - 5/5



IDE

- Xcode
 - 5/5

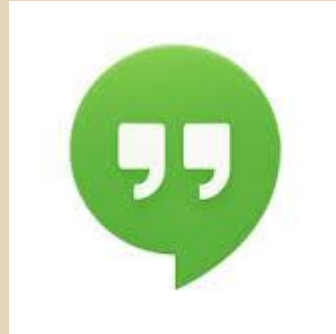


Project Tracker

- Trello
 - 3/5



- Hangouts
 - 5/5



VCS



● 5/5

GoThatWay github repository for csci 3308

53 commits1 branch0 releases5 contributors

branch: master **GoThatWay** / +

Added Swifter link to part 7

Pair Programming authored 4 days ago latest commit `bfcfbfd39d`

CurrentLocationTest	CurrentLocationTest	2 months ago
GoThatWay.xcodeproj	Latest updates - start/stop button, slight code adjustment for autodoc	5 days ago
GoThatWay	Added initial part 7 pdf	4 days ago
GoThatWayTests	Cleaned up braces, changed font, hid labels, shrunk crosshair - Jesse	17 days ago
.gitignore	Initial commit	2 months ago
GoThatWay_Part_1.pdf	Commit Project Part 1 file	3 months ago
GoThatWay_Part_2.pdf	Committing updated Part 2	2 months ago
GoThatWay_Part_3.pdf	Committing Part 3 of project	2 months ago
GoThatWay_Part_6.pdf	Added Part 6 - Jesse	24 days ago
GoThatWay_Part_7.pdf	Added Swifter link to part 7	4 days ago
README.md	Fixed conflict on readme	2 months ago
Swift.gitignore	Adding .gitignore file - Jesse	2 months ago

<> Code

Issues 0

Pull requests 0

Wiki

Pulse

Graphs

HTTPS clone URL

<https://github.com/i>

You can clone with [HTTPS](#), [SSH](#), or [Subversion](#).

Clone in Desktop

Download ZIP

Testing

- Xcode (XCtest)
 - 5/5



Autodoc - Swifter

● Self-made

- 5/5

```
1 #!/bin/bash
2 # Swifter - simple Swift autodoc HTML generator
3 # GoThatWay Team
4 #
5 # Run: ./Swifter <swiftfile>
6 #
7 # Uses: /** to start block
8 # Then: description starting on next line, can be multiple lines
9 # then: @param: <parameter name> <parameter description>
10 # then: @return: description of return value
11 # and: */ to end
12
13 if (($# == 1)) && [[ -f "$1" ]]; then
14
15     outfile="$1.html"
16     echo "html" > $outfile
17     echo "Autodoc for file: $1/h3" > $outfile
18     echo "Autodoc v.1, by GoThatWay team/h3" > $outfile
19     echo "head" > $outfile
20     echo "style type='text/css'" > $outfile
21     echo "body, td { ' > $outfile
22     echo "font-family: 'Arial', sans-serif;" > $outfile
23     echo '}' > $outfile
24     echo "table {' > $outfile
25     echo "border-style:solid;" > $outfile
26     echo "border-width: 2px;" > $outfile
27     echo "border-collapse: collapse;" > $outfile
28     echo "vertical-align: top;" > $outfile
29     echo '}' > $outfile
30     echo "td {' > $outfile
31     echo "padding: 4px;" > $outfile
32     echo "vertical-align: top;" > $outfile
33     echo '}' > $outfile
34     echo "tr:nth-child(odd) {' > $outfile
35     echo "background-color:lightgray;" > $outfile
36     echo '}' > $outfile
37     echo "tbody" > $outfile
38     echo "thead" > $outfile
39
40     echo "tbody" > $outfile
41     outstr=""
42     funcnum=0
43     found="no"
44     println="yes"
45     funcdef="no"
46     firstparam="yes"
47     while read -a line
48     do
49         if [ "$funcdef" == "yes" ]; then
50             funcnum=$((funcnum+1))
51             echo "<h3>function $funcnum: <em>${line[1XX(*)}</em></h3>" > $outfile
52             echo "<table><tr><td><strong>Declaration:</strong></td><td>" > $outfile
53             echo "${line[@]:0:${#line[@]} - 1})" > $outfile
54             echo "</td></tr><tr><td>" > $outfile
55             elif [ "$found" == "no" ]; then
56                 if [ "${line[@]}" == "/*" ]; then
57                     found="yes"
58                     outstr=""
59                     outstr=""
60                     fi
61                 else
62                     if [ "${line[@]}" == "*/" ]; then
63                         found="no"
64                         outstr=""
65                         funcdef="yes"
66                         firstparam="yes"
67                     else
68                         if [ "${line[@]}" == "@param:" ]; then
69                             if [ "$firstparam" == "yes" ]; then
70                                 outstr=""
71                                 outstr=""
72                                 firstparam="no"
73                             fi
74                             outstr=""
75                             println="no"
76                             elif [ "${line[@]}" == "@return:" ]; then
77                                 outstr=""
78                                 outstr=""
79                             fi
80                             if [ "$println" == "yes" ] && [ "${line[@]}" -ge "1" ]; then
81                                 outstr=""
82                             fi
83                             println="yes"
84                         fi
85                     fi
86                     done < $1
87                     echo "</tbody>" > $outfile
88                     echo "</html>" > $outfile
89                     weasyprint $outfile "$1.pdf"
90                 else
91                     #Print usage if files are bad
92                     echo "Usage: ./Swifter.sh swiftfile"
93                 fi
94     fi
```

AutoDoc for file: GoThatWay/ViewController.swift

Swifter v.1, by GoThatWay team

Function 1: *getdist*

Declaration: func getdist(myloc: CLLocation)

Description: Get distance function.

Parameters: *myloc*: The user's current location.

Returns: Nothing. Sets a global variable to the distance to the stored location.

Function 2: *getdir*

Declaration: func getdir(myloc: CLLocation)

Description: Get direction function.

Parameters: *myloc*: A location variable.

Returns: Nothing. Sets a global variable to the direction to the stored location.

Function 3: *dolabels*

Declaration: func dolabels()

Description: Generates labels depending on the distance to the stored location.

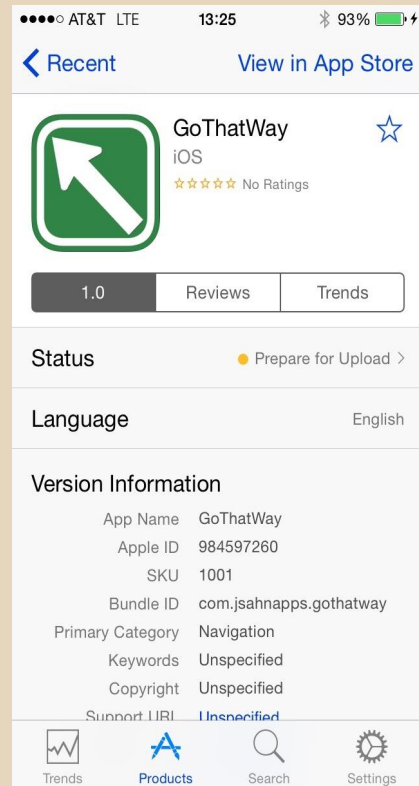
Parameters: *None*.

Returns: Nothing. Sets distance label to a value in either miles, feet, or yards depending on distance.

Deployment

- App Store
 - 5/5

Uploaded but not yet approved



Challenges

- Time management
 - Did not get database running
- No previous Swift/Xcode experience

Demo

