

**Claire Connachan**  
**CodeClan Cohort - E20**

**Evidence for Project Unit**

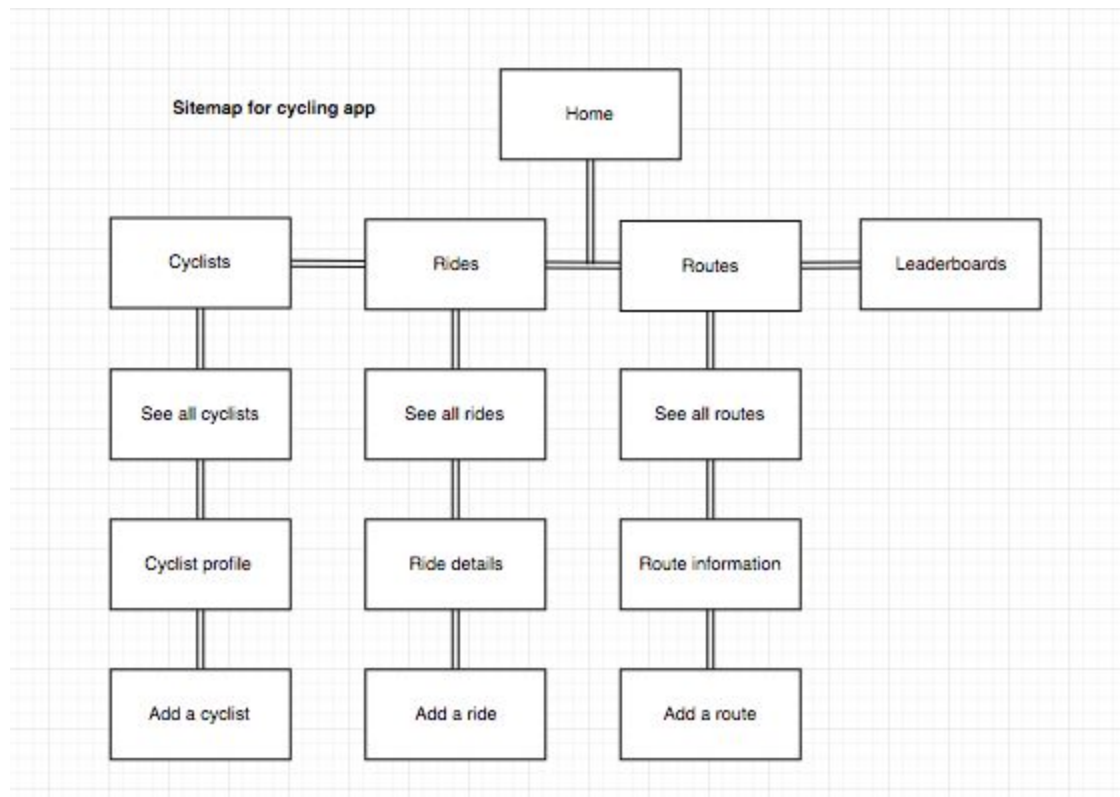
**P1 - Take a screenshot of the contributor's page on GitHub from your group project to show the team you worked with.**

**P2 - Take a screenshot of the project brief from your group project.**

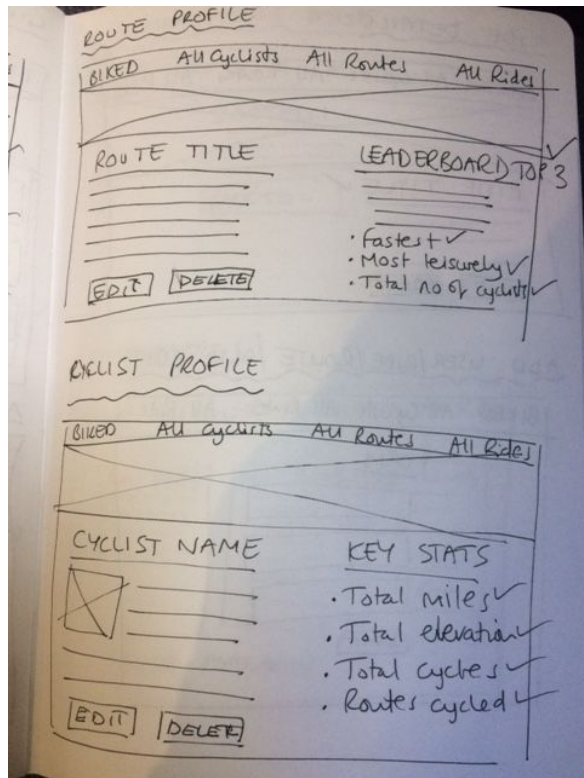
**P3 - Provide a screenshot of the planning you completed during your group project, eg Trello MoSCoW board.**

**P4 - Write an acceptance criteria and test plan.**

## P5 - Create a user sitemap.



**P6 - Produce at least two wireframe designs**



**P7 - Produce two system interaction diagrams (sequence and/or collaboration diagrams)**

**P8 - Produce two object diagrams**

**P9 - Select two algorithms you have written (not group project). Take a screenshot of each and a short statement on why you have chosen to use those algorithms.**

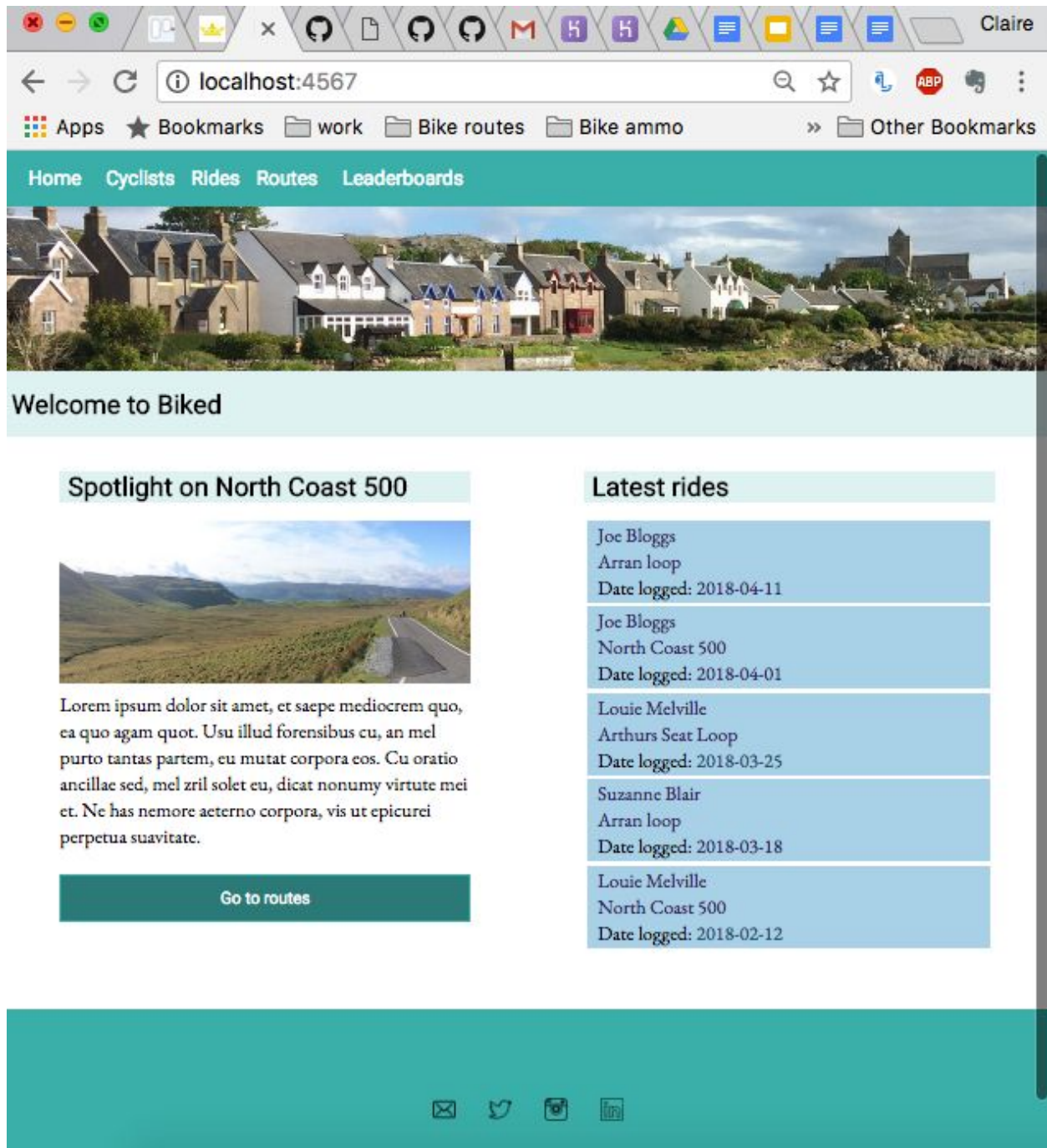
P10 - Take a screenshot of an example of pseudocode for a function.

```
def total_climb()  
  #A method to count the total elvation of all routes  
  a cyclist has logged.  
  #create a sum variable set to zero.  
  #Return all the routes the cyclist has done by  
  calling the routes() method.  
  #Loop over this array and, for each route, get the  
  elevation and add it to the sum variable.  
  #Return the total sum of elevation via sum variable.  
end
```

```
#Returns integer with total climb from all logged  
rides.  
def total_climb()  
  sum = 0  
  routes().each {|route| sum += route.elevation}  
  return sum  
end
```

**P11 - Take a screenshot of one of your projects where you worked alone and attach the GitHub link.**

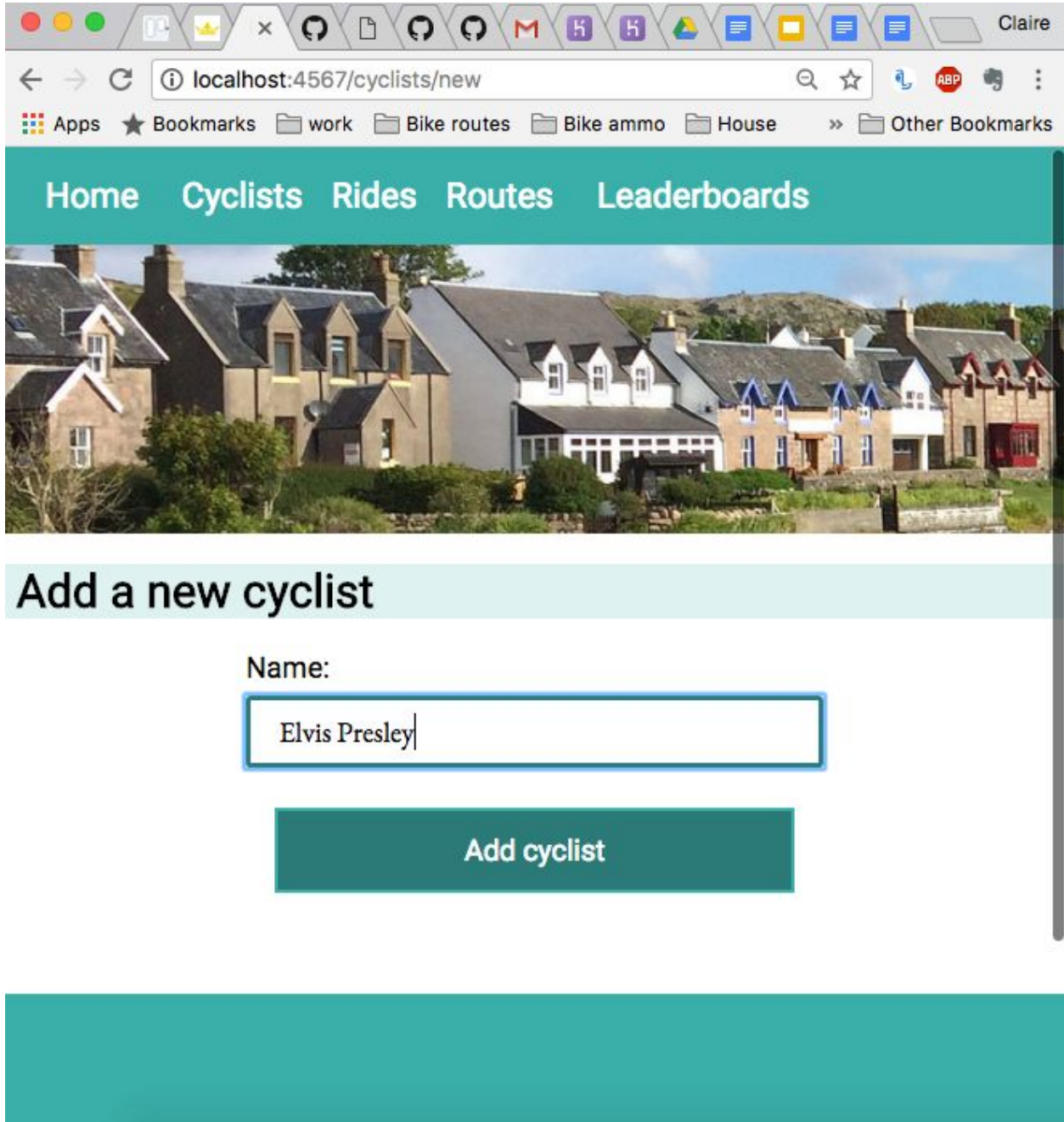
GitHub link: [https://github.com/claire-c/cc\\_wk5\\_cycling\\_project](https://github.com/claire-c/cc_wk5_cycling_project)



**P12 - Take screenshots or photos of your planning and the different states of development to show changes.**

### P13 - Show user input being processed to design requirements.

User inputs new cyclist record into the database:



The screenshot shows a web browser window with the address bar displaying `localhost:4567/cyclists/new`. The browser's toolbar includes various icons and the name "Claire". Below the address bar, there are bookmarks for "Apps", "Bookmarks", "work", "Bike routes", "Bike ammo", "House", and "Other Bookmarks". The website has a teal header with navigation links: "Home", "Cyclists", "Rides", "Routes", and "Leaderboards". Below the header is a large image of a row of stone houses. Underneath the image is a light blue section with the heading "Add a new cyclist". This section contains a "Name:" label, a text input field with the value "Elvis Presley", and a teal "Add cyclist" button. At the bottom of the page, there is a solid teal horizontal bar.

localhost:4567/cyclists/new

Apps Bookmarks work Bike routes Bike ammo House Other Bookmarks

Home Cyclists Rides Routes Leaderboards

Add a new cyclist

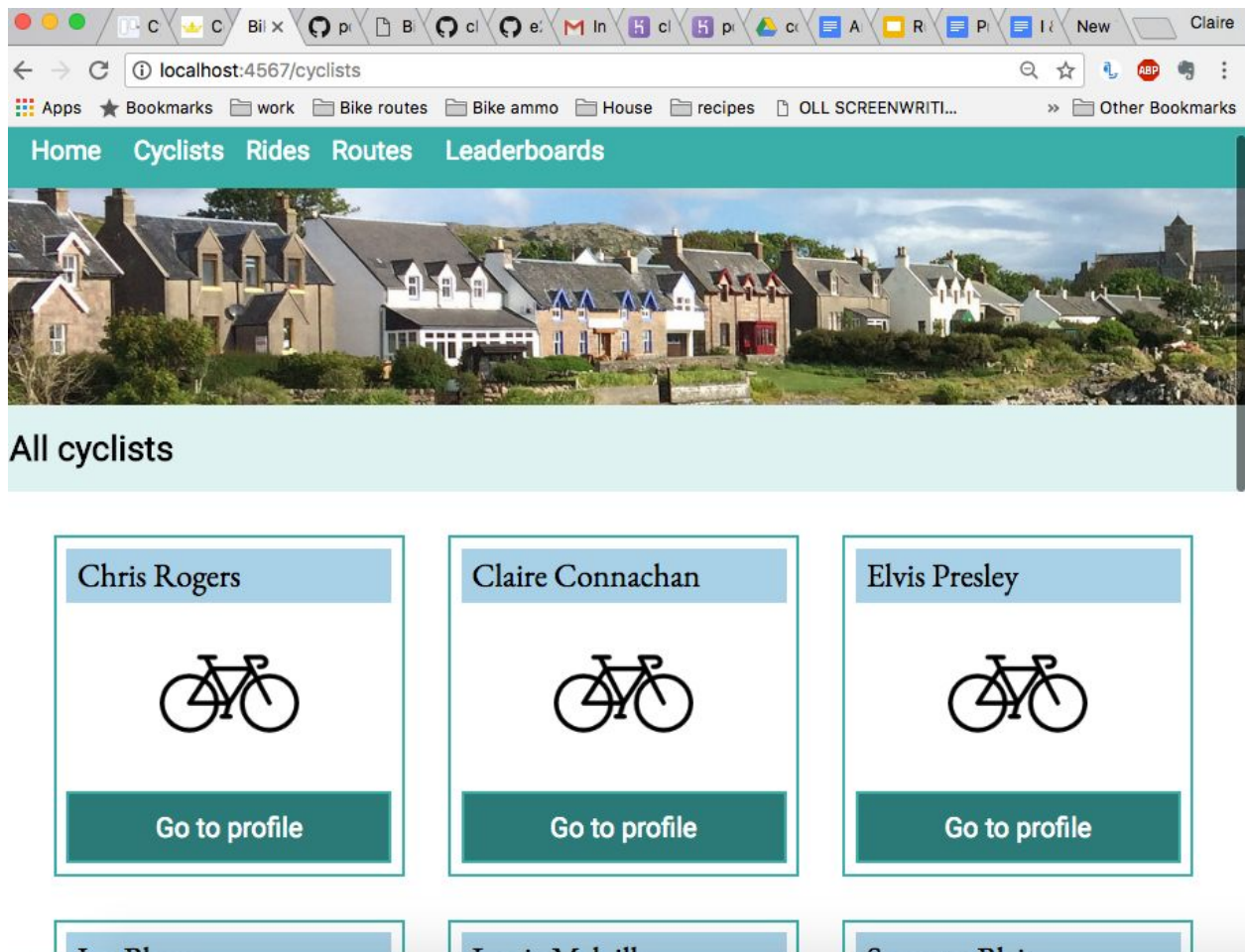
Name:

Elvis Presley

Add cyclist



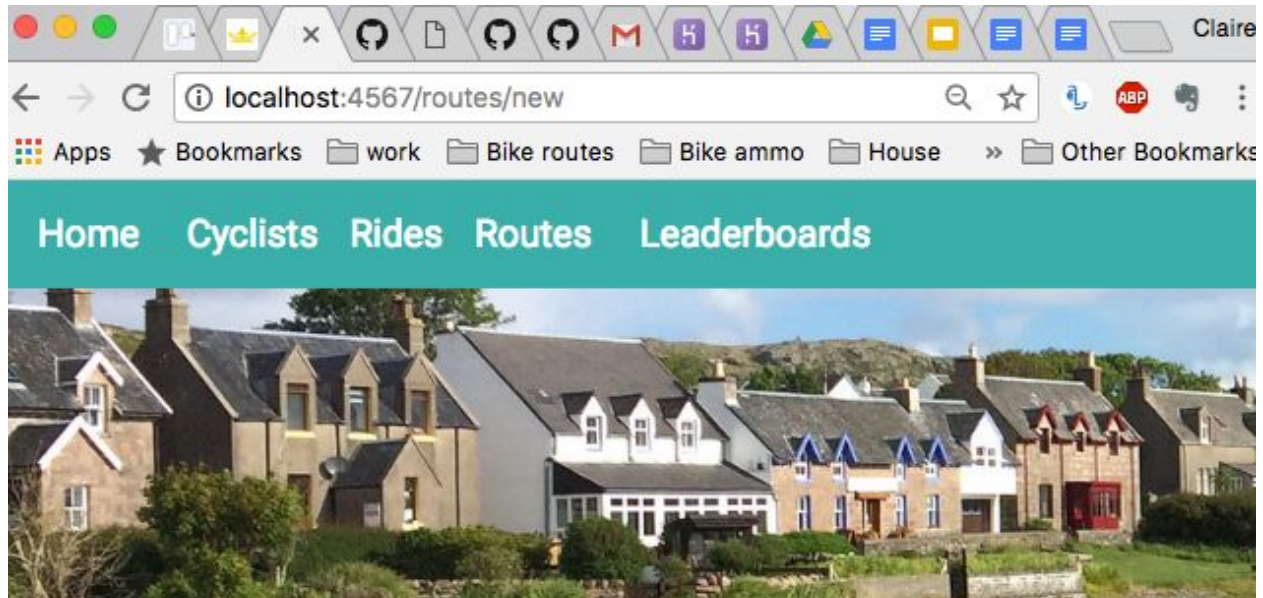
New cyclist record is saved and added to the list of all cyclists. It can now be accessed and rides logged against it:





## P14 - Show an interaction with data persistence

User inputs new route to database:



### Add a new route

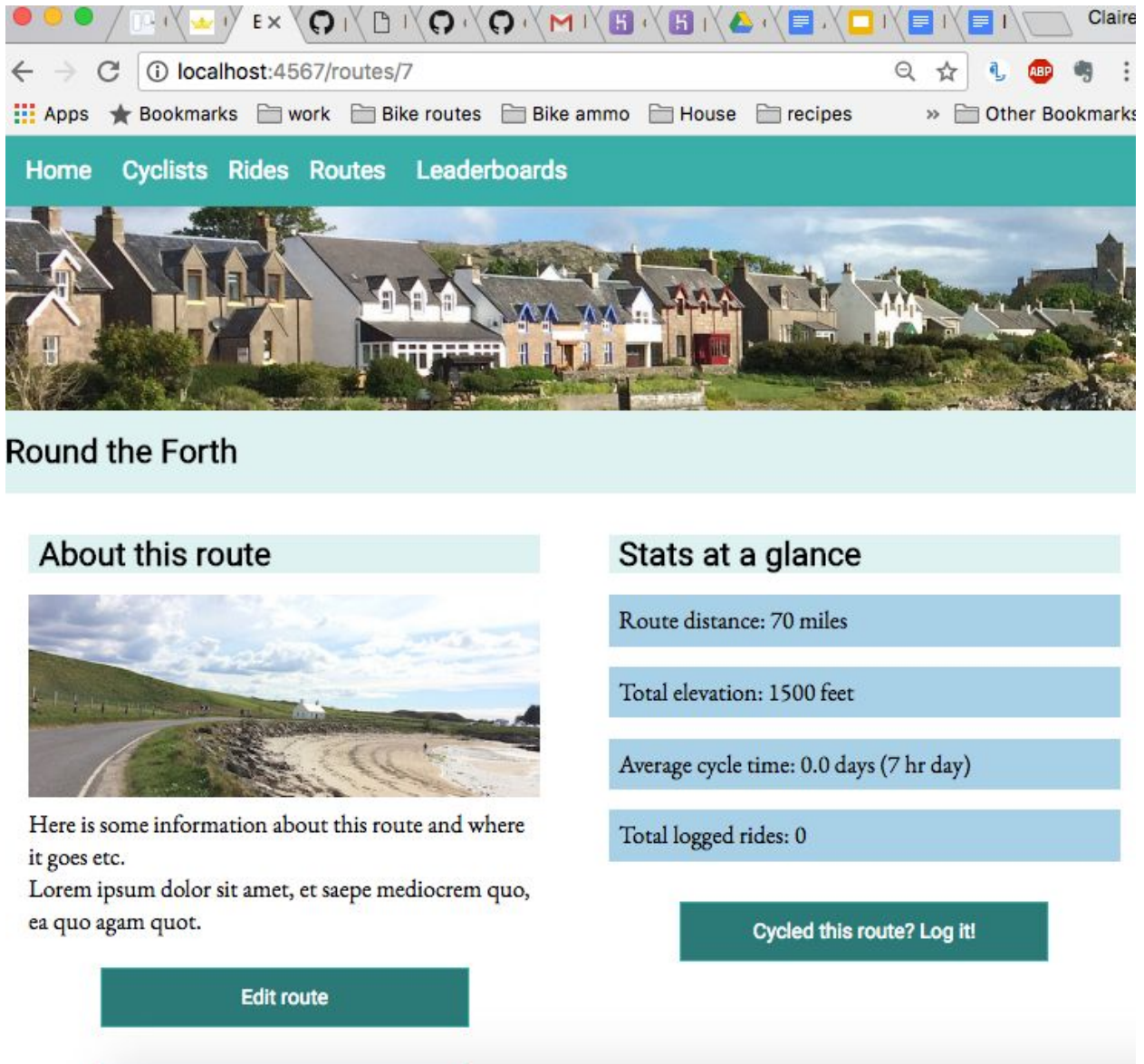
Title:

Distance:

Elevation:

Add route

Route saved to database and is confirmed saved by accessing via website:




The screenshot shows a web browser window with the address bar displaying `localhost:4567/routes/7`. The browser's bookmark bar includes folders for 'Apps', 'Bookmarks', 'work', 'Bike routes', 'Bike ammo', 'House', 'recipes', and 'Other Bookmarks'. The website has a teal navigation bar with links for 'Home', 'Cyclists', 'Rides', 'Routes', and 'Leaderboards'. Below the navigation bar is a large banner image of a coastal town. The main heading is 'Round the Forth'. The page is divided into two columns. The left column, titled 'About this route', features a landscape image of a coastal road and a text block with placeholder text. Below the text is a teal 'Edit route' button. The right column, titled 'Stats at a glance', displays four statistics in light blue boxes: 'Route distance: 70 miles', 'Total elevation: 1500 feet', 'Average cycle time: 0.0 days (7 hr day)', and 'Total logged rides: 0'. At the bottom of the right column is a teal button that says 'Cycled this route? Log it!'.

Home Cyclists Rides Routes Leaderboards

## Round the Forth

### About this route



Here is some information about this route and where it goes etc.  
Lorem ipsum dolor sit amet, et saepe mediocrem quo, ea quo agam quot.

Edit route

### Stats at a glance

Route distance: 70 miles

Total elevation: 1500 feet

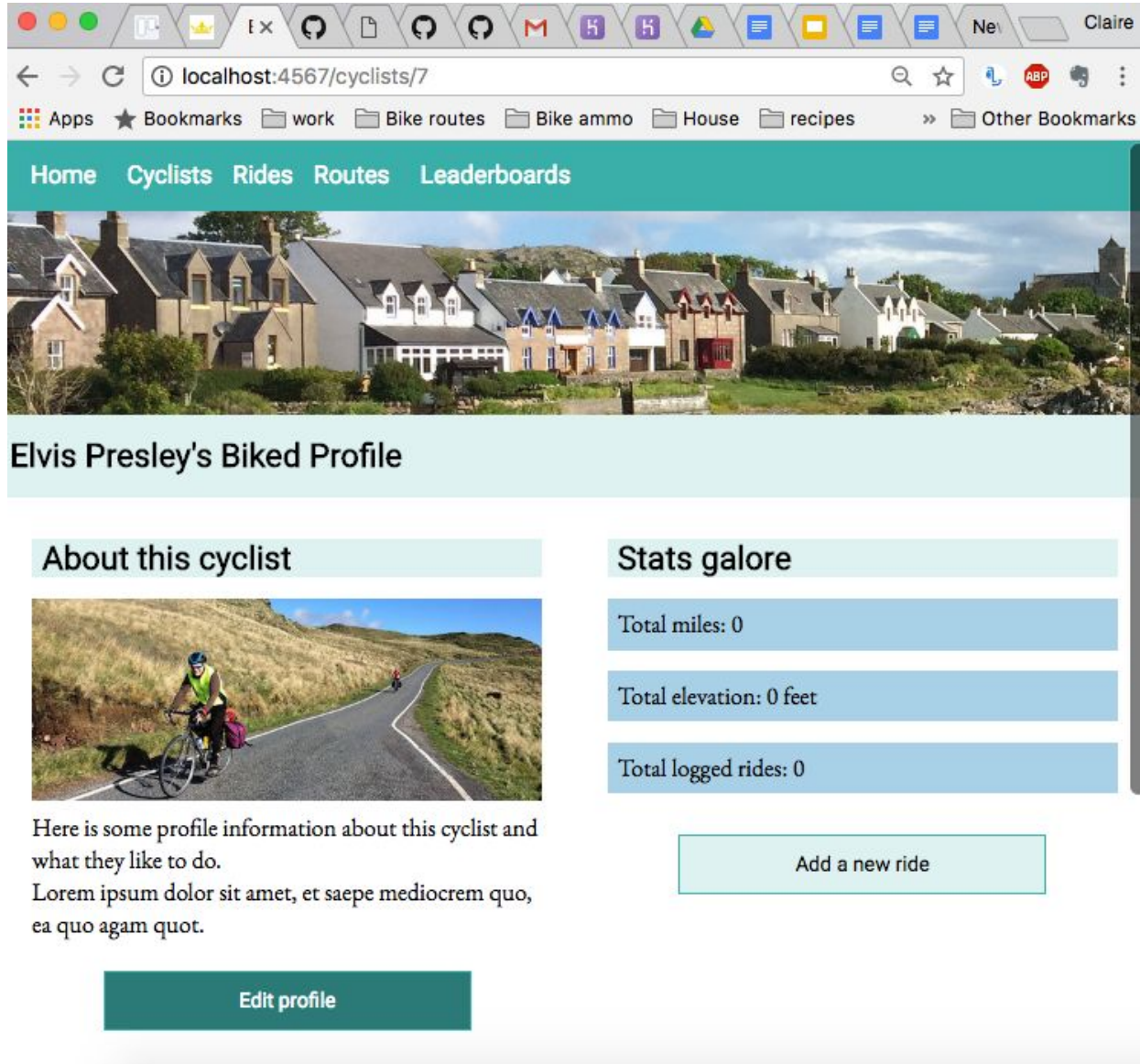
Average cycle time: 0.0 days (7 hr day)

Total logged rides: 0

Cycled this route? Log it!

## P15 - Show the correct output of results and feedback to user.


1. User requests to add a new ride to cyclist profile:



The screenshot shows a web browser window with the address bar displaying `localhost:4567/cyclists/7`. The browser's bookmark bar includes 'Apps', 'Bookmarks', 'work', 'Bike routes', 'Bike ammo', 'House', 'recipes', and 'Other Bookmarks'. The website has a teal navigation bar with links for 'Home', 'Cyclists', 'Rides', 'Routes', and 'Leaderboards'. Below the navigation bar is a large banner image of a row of stone houses. The main heading is 'Elvis Presley's Biked Profile'. The page is divided into two columns. The left column, titled 'About this cyclist', features a photo of a cyclist on a road, followed by the text: 'Here is some profile information about this cyclist and what they like to do. Lorem ipsum dolor sit amet, et saepe mediocrem quo, ea quo agam quot.' and a teal 'Edit profile' button. The right column, titled 'Stats galore', displays three blue bars for 'Total miles: 0', 'Total elevation: 0 feet', and 'Total logged rides: 0'. At the bottom of this column is a teal button labeled 'Add a new ride'.

### Elvis Presley's Biked Profile

#### About this cyclist



Here is some profile information about this cyclist and what they like to do.  
Lorem ipsum dolor sit amet, et saepe mediocrem quo, ea quo agam quot.

Edit profile

#### Stats galore

Total miles: 0

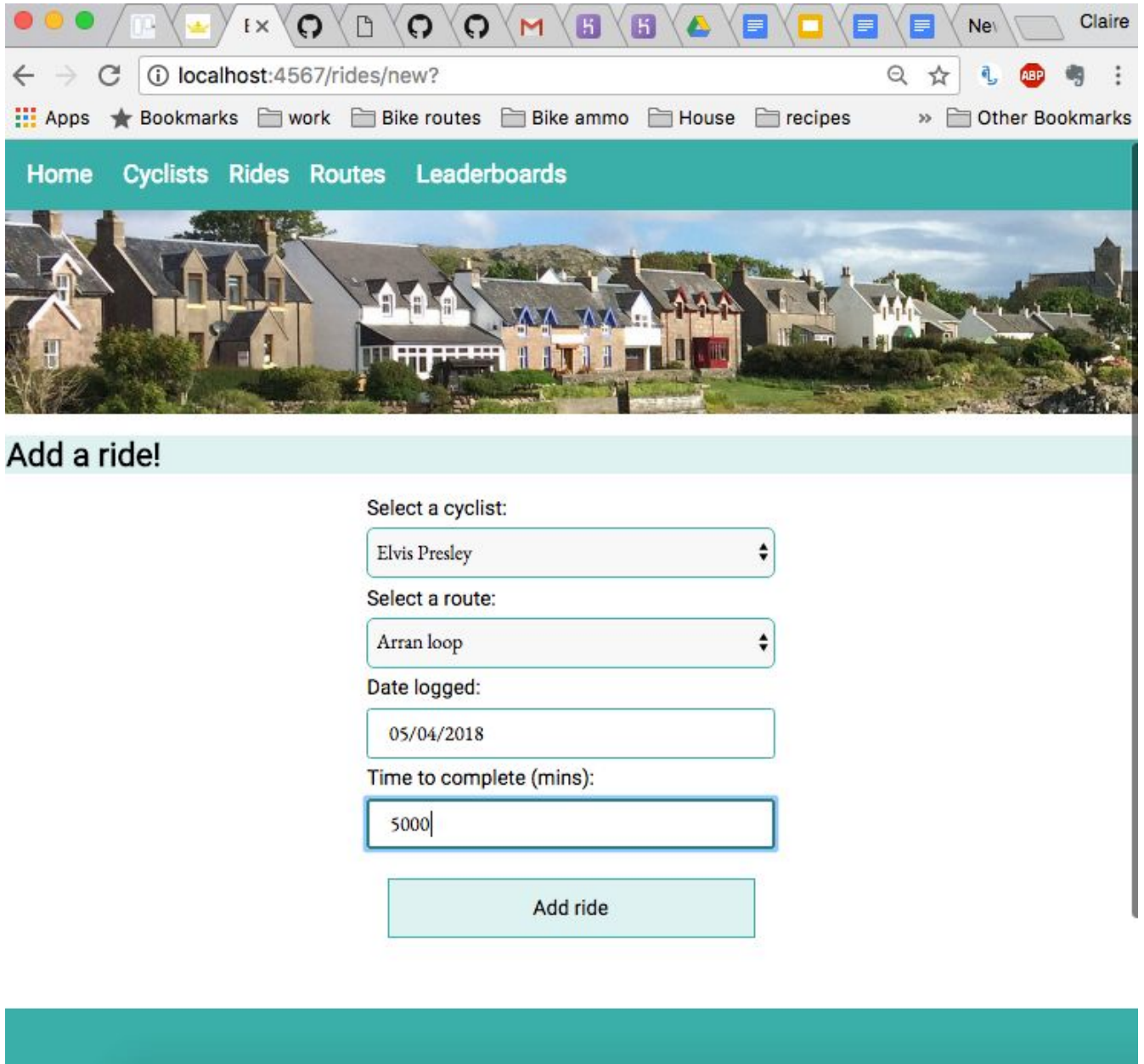
Total elevation: 0 feet

Total logged rides: 0

Add a new ride



2. User taken to “add new ride page”, where they input details of ride they wish to log:



The screenshot shows a web browser window with the address bar displaying `localhost:4567/rides/new?`. The browser's bookmark bar includes 'Apps', 'Bookmarks', 'work', 'Bike routes', 'Bike ammo', 'House', 'recipes', and 'Other Bookmarks'. The website's navigation menu features 'Home', 'Cyclists', 'Rides', 'Routes', and 'Leaderboards'. Below the menu is a banner image of a row of stone houses. The main heading is 'Add a ride!'. The form contains the following fields:

- Select a cyclist:** A dropdown menu with 'Elvis Presley' selected.
- Select a route:** A dropdown menu with 'Arran loop' selected.
- Date logged:** A text input field containing '05/04/2018'.
- Time to complete (mins):** A text input field containing '5000'.


At the bottom of the form is a light blue button labeled 'Add ride'.

3. Logged ride is added to the database and cyclist profile updated to show ride data and associated statistics:

localhost:4567/cyclists/7


Apps ★ Bookmarks work Bike routes Bike ammo House recipes >> Other Bookmarks

Home Cyclists Rides Routes Leaderboards



Elvis Presley's Biked Profile

About this cyclist



Here is some profile information about this cyclist and what they like to do.

Lorem ipsum dolor sit amet, et saepe mediocrem quo, ea quo agam quot.

Edit profile

Stats galore

Total miles: 60

Total elevation: 3500 feet

Total logged rides: 1

Add a new ride

**P16 - Show an API being used within your program.**

**P17 - Produce a bug tracking report.**

**P18 - Demonstrate testing in your program.**

(see separate sheet with testing in the PDA repo - it's under 'static and dynamic testing' directory)