Final Project: Maint Minder

by Jessica M. Roy, for MET CS 701, group 2

maint
minder

Why?

- New car at home
- Angular at work

Add

Location: Monmouth Heights at Manalapan, NJ

Vehicle: The Prius

Date	Odometer	Location	Work done	Cost
07/18/17	107534	Mom's house	Oil change	$176.98
05/24/17	102857	Friendly neighborhood Gas Station & Auto Repair	Oil change, Tire rotation, Check fluids, Check brakes, State inspection, more...	$98.89
03/18/17	98765	Local Toyota dealer	Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor	$176.98
02/18/17	97432	Speedy Service Inc.	Oil change, Check tire pressure	$36.04
11/18/16	92045	Local Toyota dealer	Lorem ipsum dolor sit amet adipisicing elit, sed do eius	
09/18/16	87654	Local Toyota dealer	Lorem ipsum dolor sit amet adipisicing elit, sed do eius	

Maint minder (c) 2017, Jessica M. Roy. etc.

How?

Adding new work done:

Location: Monmouth Heights at Manalapan, NJ

Vehicle: The Prius

Date	Odometer	Location	Cost
05/24/17	102857	Friendly neighborhood Gas Station & Auto Repair	$98.89

Work done

Oil change | Replace wiper blades | Check fluids | Some other option | An unselected option | More...

More work done...

Tire rotation, Check brakes, State inspection, Replace cabin air filter

Drag files here to attach

Attachments

2017-May-05-FriendlyGas.pdf

Notes

Mechanic was very nice but the service took twice as long as it should have :(

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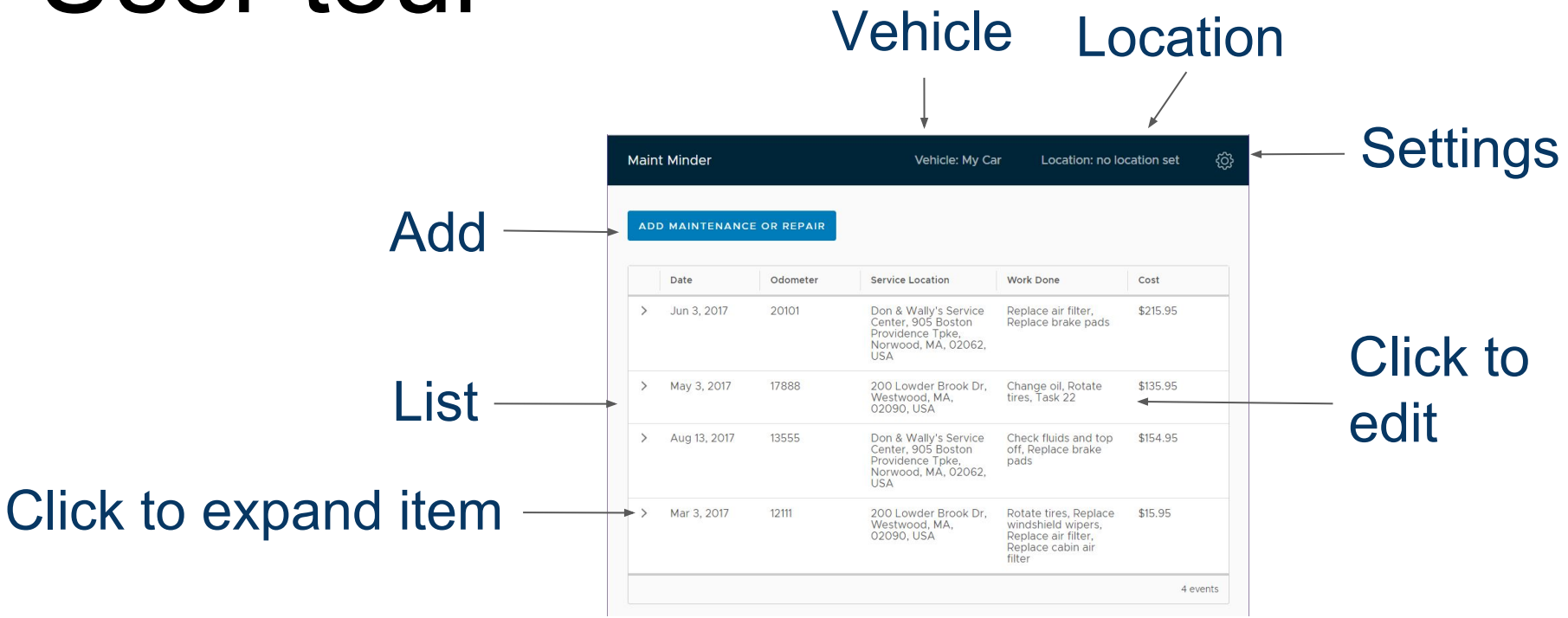
Who?

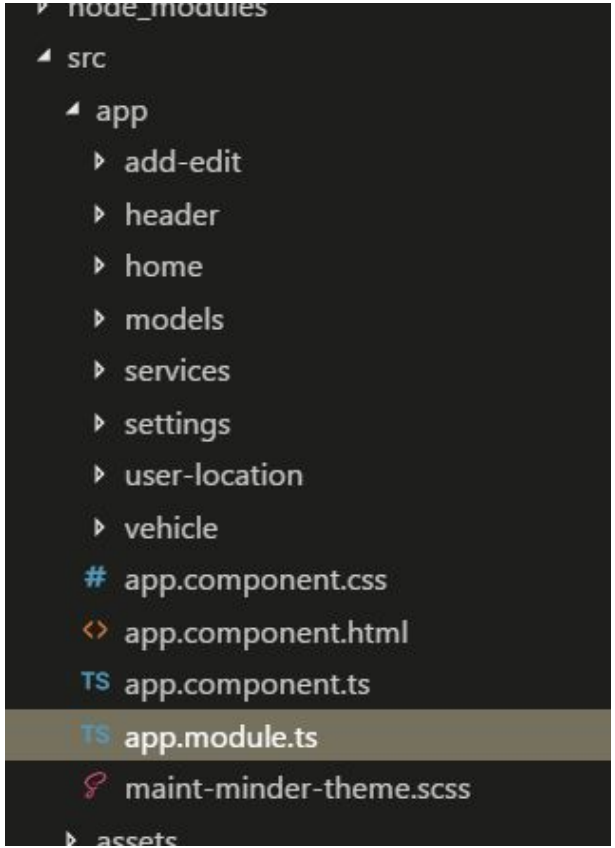
CarQuery

The Vehicle Data API & Database

Google Maps

User tour


Vehicle
Location
Settings
Add
List
Click to expand item
Click to edit
Maint Minder
Vehicle: My Car
Location: no location set
ADD MAINTENANCE OR REPAIR
Date
Odometer
Service Location
Work Done
Cost
Jun 3, 2017
20101
Don & Wally's Service Center, 905 Boston Providence Tpke, Norwood, MA, 02062, USA
Replace air filter, Replace brake pads
$215.95
May 3, 2017
17888
200 Lowder Brook Dr, Westwood, MA, 02090, USA
Change oil, Rotate tires, Task 22
$135.95
Aug 13, 2017
13555
Don & Wally's Service Center, 905 Boston Providence Tpke, Norwood, MA, 02062, USA
Check fluids and top off, Replace brake pads
$154.95
Mar 3, 2017
12111
200 Lowder Brook Dr, Westwood, MA, 02090, USA
Rotate tires, Replace windshield wipers, Replace air filter, Replace cabin air filter
$15.95
4 events



Programmer's Tour

```
28  /* Routing */
29  const appRoutes: Routes = [
30    { path: '', redirectTo: '/home', pathMatch: 'full' },
31    { path: 'home', component: HomeComponent },
32    { path: 'vehicle', component: VehicleComponent },
33    { path: 'location', component: UserLocationComponent },
34    { path: 'add', component: AddEditComponent },
35    { path: 'edit/:id', component: AddEditComponent },
36    { path: 'settings', component: SettingsComponent },
37    { path: '**', component: HomeComponent },
38  ];
39
40  @NgModule({
41    declarations: [
42      AppComponent,
```

Potential future enhancements

- Enter multiple vehicles
- Add scheduled events and set reminders (e.g., inspection, registration, etc.)
- Retrieve manufacturer's recommended maintenance schedule from Edmunds.com.
- Search events.
- Mark favorite locations, for "one-click" use when entering new events
- Record a voice memo for the event
- Find nearby repair shops or dealers, or rate a shop
- Connect to social media
- Track accident information (e.g., insurance claims)
- Allow users to tag events (e.g., Routine, Brakes, Done at home, Warranty, Recall, etc.)
- (Filtering by odometer, cost, notes, attachments? - future enhancement?)