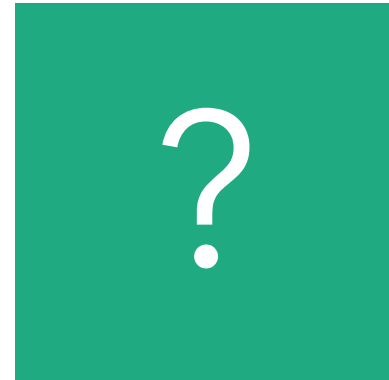


making the roads a safer place

can mobile technologies improve road safety?

Aug. 25th, 2016



the problem

How do we prevent accidents due to construction,
black ice, and broken sidewalks?

the problem

Black ice is one of the leading causes of car crashes each year - last year, on just one Sunday, it caused 400 separate car accidents in New Jersey alone

Broken sidewalks cause several car accidents a year

Traffic accidents cost the US economy \$28 billion/yr

the solution

An app that lets you report, in real time, broken sidewalks and stoplights, traffic accidents, construction sites, etc. so that you and other people can view them and make sure to avoid them, as well as inform the appropriate authorities so that action can be taken



app mock-ups and designs

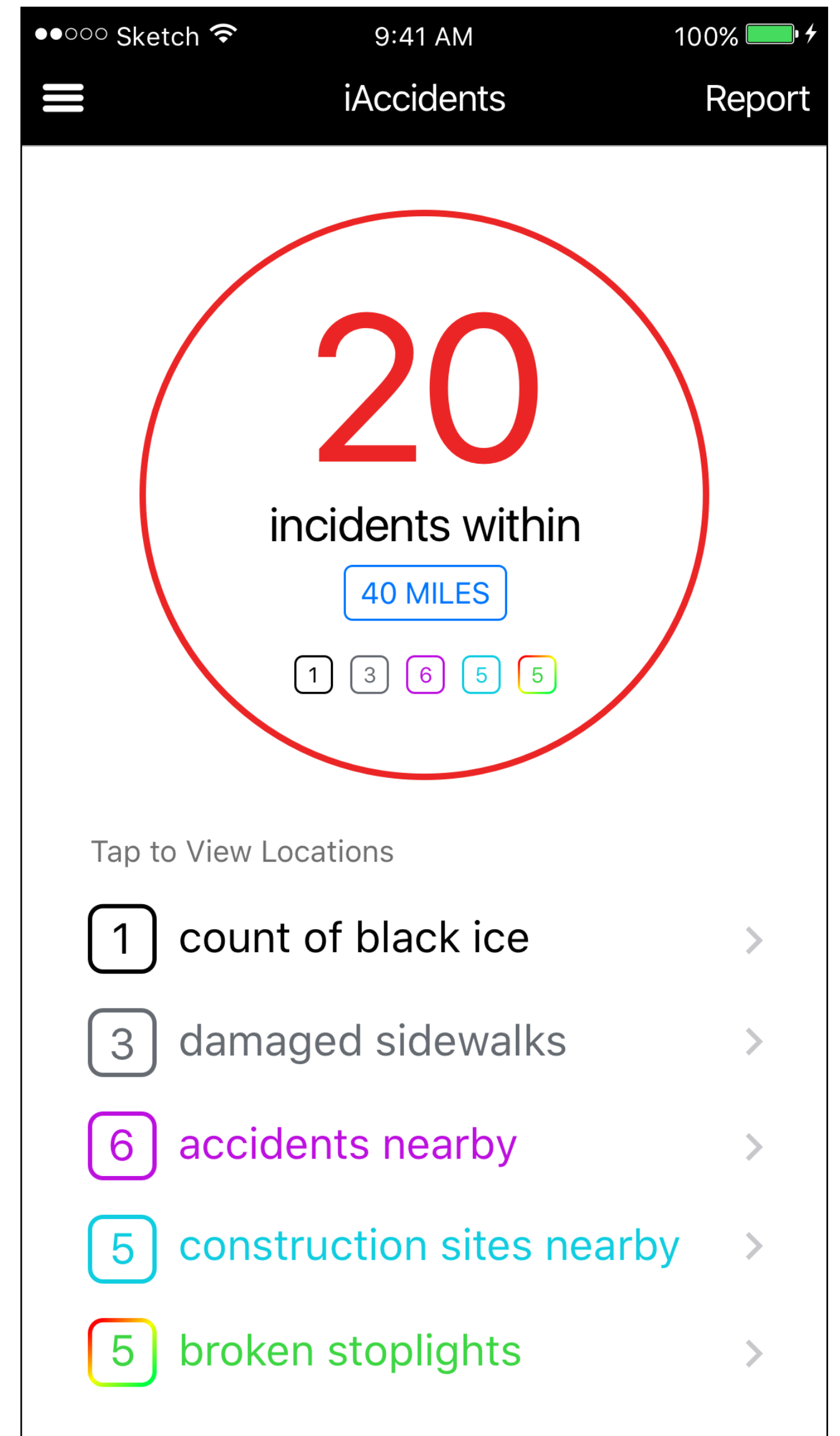
A few designs that highlight the features of
a potential mobile application

overview

When you open the app, the first thing you see is the incident overview.

It gives the user all the incidents reported within a specific radius (changeable by the user)

It contains a breakdown of the different kind of incidents reported

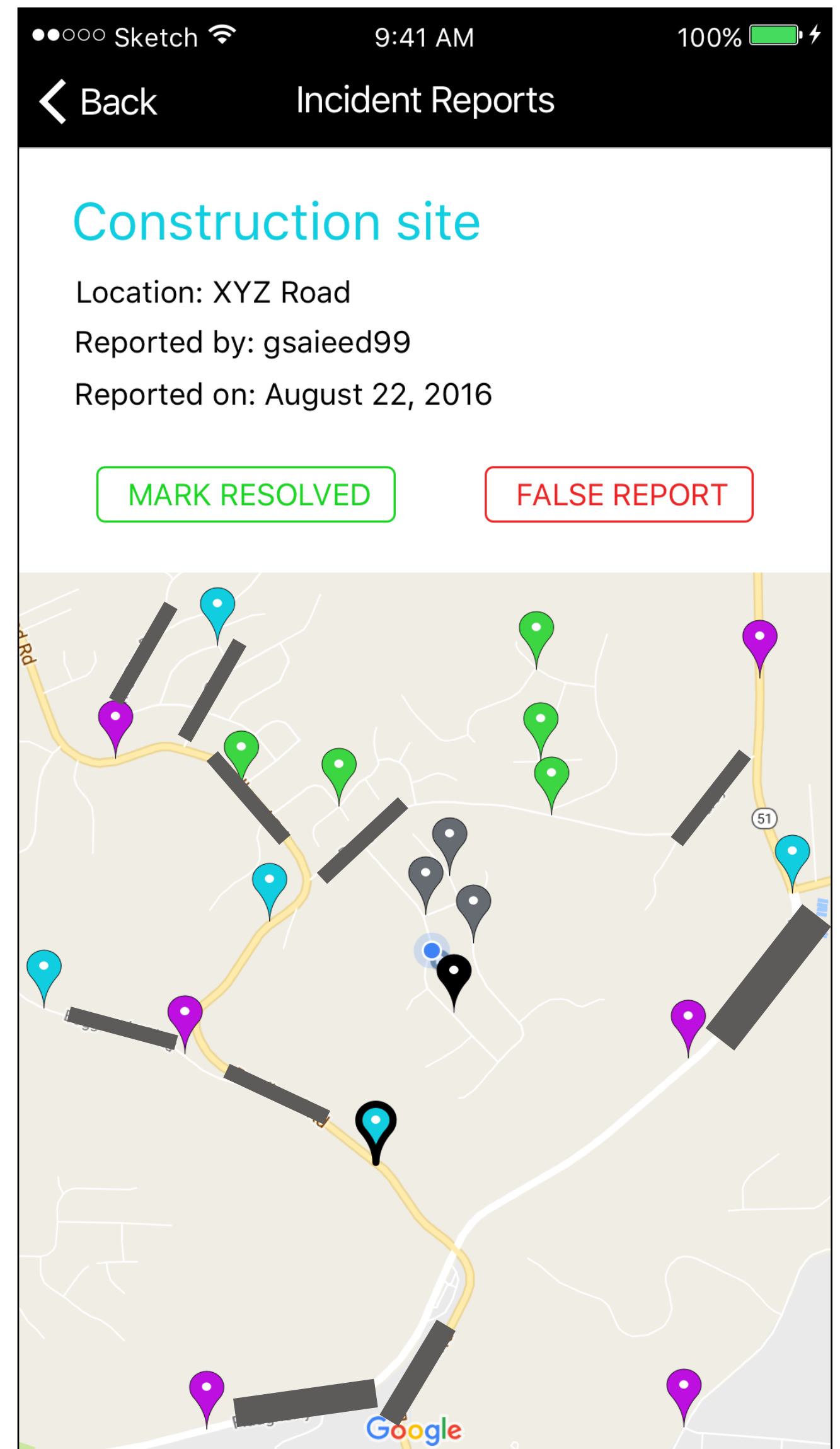


viewing specific incidents

Tapping on any of the incident counts reveals a map with all the incidents near you

You can move around on the map to view hazards further away

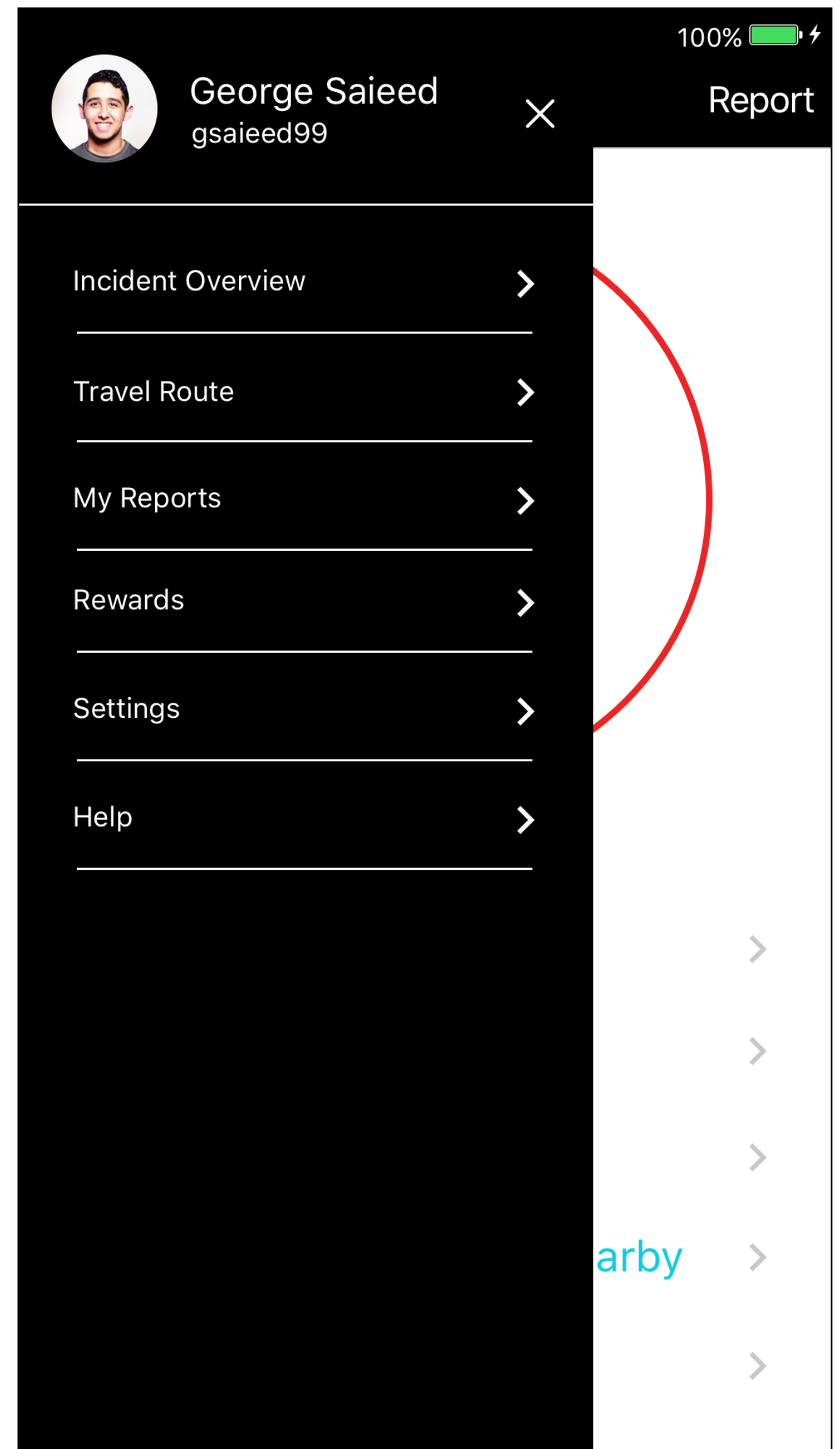
Tapping on a hazard gives you details and allows a user to mark the issue as resolved or to claim the incident report is false



menu button

Tapping the menu button allows you to switch between incident overview

The next item is travel route, which allows you to view all incidents reported along paths between two destinations

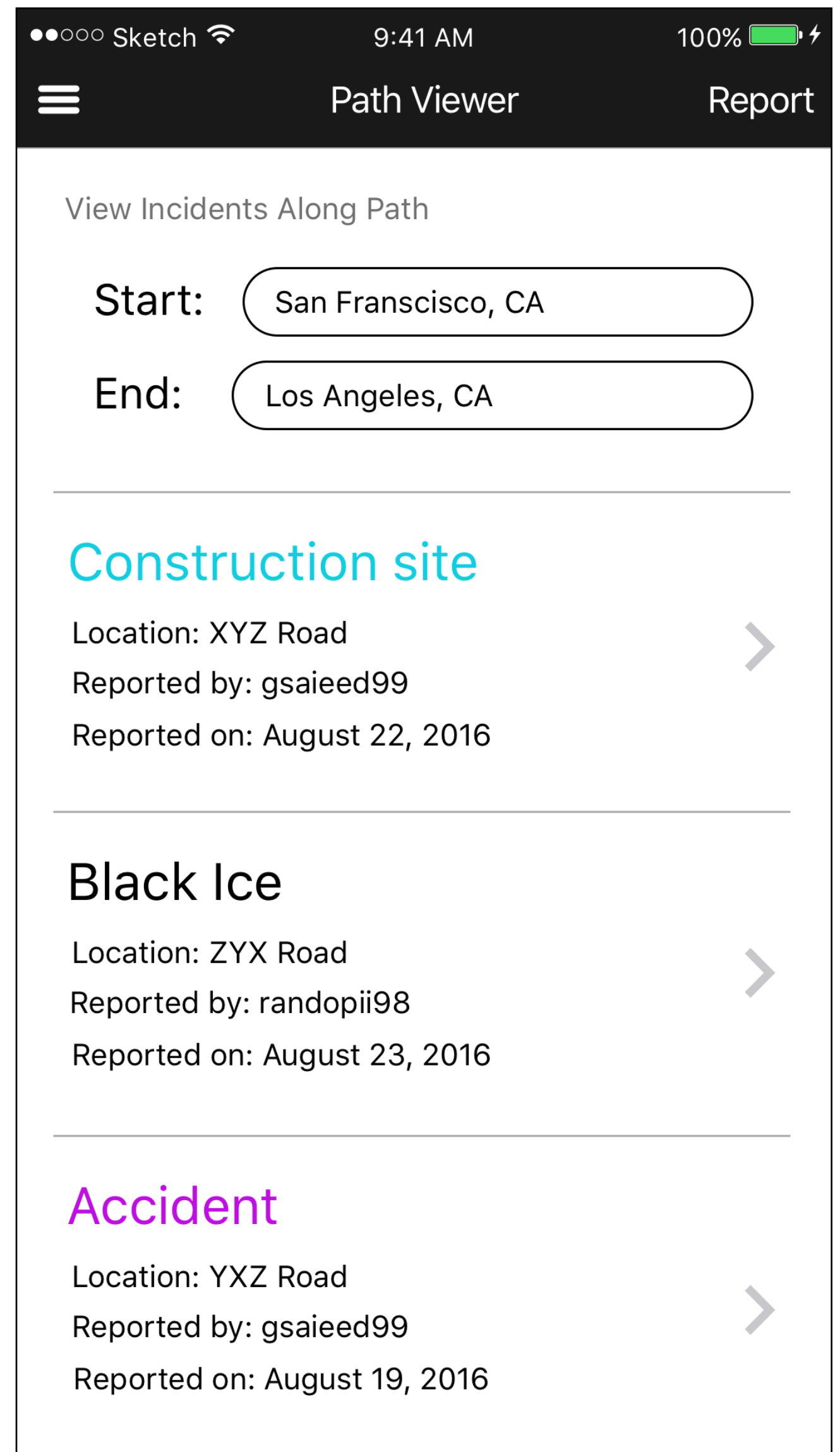


travel route

You can enter a start and end destination for a route you will be traveling, and this will list the various hazards along that route

Selecting the hazard will again bring up the map view of hazards, along with your route highlighted on the map

Select report to report an incident



report an incident

Selecting report an incident will allow you to report an incident

You can either type in a location, select the location on a map or have your current location filled in

You can then select the incident type, and view how many credits you will earn for the report

Reports will also be submitted to appropriate gov. authorities

●●○○ Sketch 9:41 AM 100% 🔋

Cancel Report Incident Done

Report an Incident

Location:

Incident Type

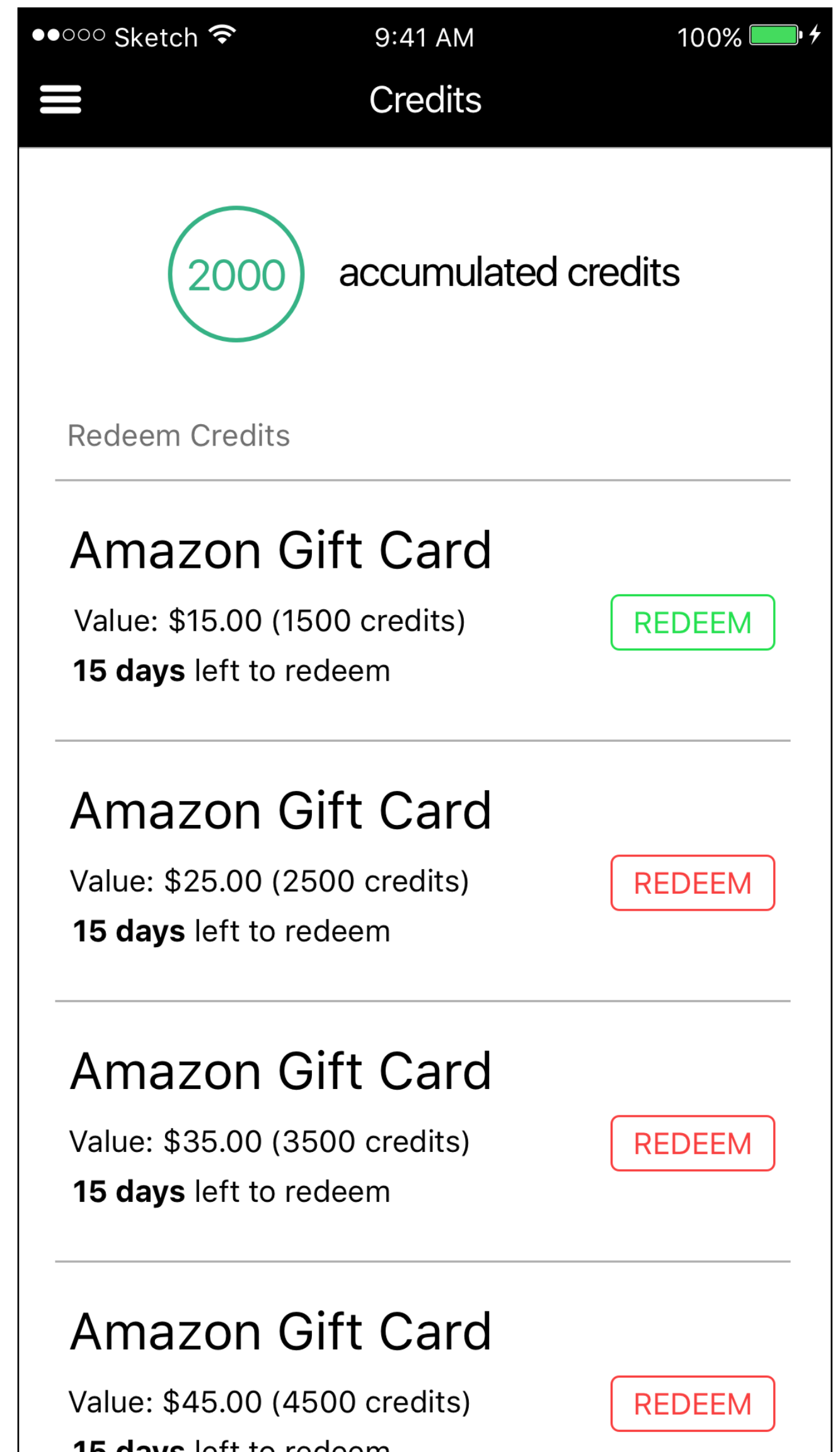
This will also be submitted to the local authorities.

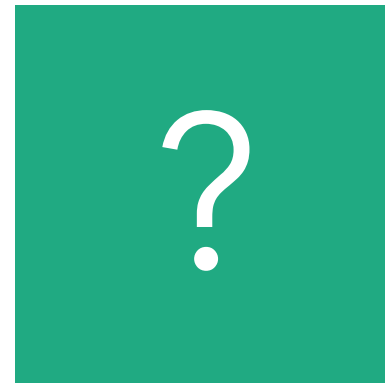
You will earn **10 credits (\$0.10)** for this report

redeeming credits

After accumulating sufficient credits, you would then be able to redeem those credits for prizes

As shown here, there are various prizes of different values that can only be redeemed with the appropriate number of credits





questions?