

Solutions

**Train
tracking
website**

**Tracking
app for
trains**

**App that send
notifications
about trains
crossing your
area**

**Bridge
over the
train
tracks**

Implimentation

**Create a
website with
info on train
routes**

**Input location,
then find train
traffic, if a
train passes
send a
notification**

**Lobby
Columbia to
make bridges
over train
tracks**

Design

**Simple, easy
to use, doesn't
need tons of
features**

**Let users
change the
distance that
trains are
tracked**

Customizable

**Dark
mode**

**Let users
change the
time of the
map shown,
using a slider**

Misc

**People need
something
easy to use,
that they can
look at on the
go.**

**Information
needs to be
displayed
neatly, should
be easy to
understand**

Hurdles

**Finding
information
on the routes
of commercial
trains might
be difficult**

**How can
information be
validated and
accurate? Trains are
sometimes late
/canceled, how can
we find reliable
information**

**Can trains be
tracked? Isn't
that like
public record
or something?**

**Getting the
city of
columbia to
do anything**

**Timing the
notification
with the
speed of each
train**

**Making
notifications
be early
enough to be
useful**