

## 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**