

Funding

Free or pay for app?

Advertisements or pop-ups for funding

Time

Ensuring accuracy of train times

Estimation of how many trains will go over a crossing in a selected timespan

Give users time for both waiting and going around the train

estimation of how long the train will take to cross

Recommended leave time for ETA to be on time

setting for different time zones

Work with county/train company to get times

where does the train track cross? (street/etc)

Full map overview to see multiple/all train locations

Routing

users could save a route

Alternate Routes

Give the fastest route that evade the train

suggest a new route if the train enters your original route on the GPS

walking routes

Tracking

Using Google Maps API

Attach info with every train crossing, i.e. a photo of the crossing (or general area), average crossing times, etc.

"Heat Map" with crossings that have the most activity being a certain color

How to track trains?

Include other forms of public transportation that could affect traffic?

Reliable and automated scraping of public train time records

Allow users to track a specific train crossing

Gps tracker for the user's phone

Pilot locations? (i.e. what cities/areas do we want this in first?)

Include type of train/some kind of ID

maybe users can give updates like waze

Alerts

red alert everytime a train is near your location

notification noise as train horn

Text reminders/ email reminders

Send a warning if a train is about to enter your GPS route

Alerts for railroad maintenance, when applicable

General

Security/
privacy
setting

A
language
setting

Size of
app

Add train as form of
transportation?

Name
of app?

Each train has
a different
color
associated
with it

Website that also
hosts the data so
people can see
times without
having the app?

Attach info with
every train crossing,
i.e. a photo of the
crossing (or general
area), average
crossing times, etc.

Social

Share a
crossing
time with
friends

Users can report
whether or not train
crossing times are
correct so as to
improve the app

option to
choose an
avatar

Website that also
hosts the data so
people can see
times without
having the app?