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### App Functions

Give the shortest route to campus destination	the user gets routes with traffic signals with a green light at the moment	Home Screen -> Address search bar -> Directions to destination	Select if you are driving or walking
If driving give user the path of least resistance	Shows easiest walking route to campus	Common searches pop up on the map immediately	Shows police cars nearby
Shows open parking areas around campus	Police have access if you allow, to help if you are in danger	Available anywhere in Columbia	Ability to save your favorite locations
shows the user alternative routes to skip railway tracks.	Users can give updates to other users	Can use routes without Highways	Users can alert other users if a speed trap is present

### App Navigation

### Obstacles

School Events blocking roads	Other Cars
Buses	Accidents
Protest	Pedestrians
Nature obstructing road ways	Trains

**Driving  
with  
directions**

**Audio  
directions**

Will announce  
accidents and  
obstacles

**Several  
languages  
available**

Will update  
your  
directions if  
an accident  
occurs

voice  
interactions

Auto  
adjustments  
to route if  
mistaken  
turns happen

**Can add  
multiple  
stops**

Multiple  
routes  
available to  
your  
destination

**Pedestrian  
Controls**

Can inform  
other users  
when  
walkways are  
not available

Show  
upcoming  
crosswalks,  
stop signs  
ahead

Allows you to  
choose  
multiple  
routes

**Shows the  
quickest  
walking  
route**

Will show  
runners/ walkers  
frequent paths  
taken by other  
people

Can inform  
the user how  
far they've  
gone

Will show the  
busiest paths  
in real time so  
they can  
avoided if  
chosen

Alter other  
users if  
pedestrian  
signage is  
down or not  
working