

App Functions

App Navigation

Obstacles

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

School Events blocking roads

Other Cars

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

Buses

Accidents

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

Protest

Pedestrians

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

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**