

## **Time Your Trip User Manual**

### *Introduction*

*Time Your Trip* is a productivity Android app aimed for making long bus commutes more manageable. The main function of this app is to set an alarm that will wake the user when he/she reaches the destination stop. Through this app, we allow the user to focus on more productive activities while riding the bus, such as sleeping, instead of wasting energy keeping track of their current stop for fear of missing their destination. The app is currently only optimized for Vancouver, Canada and cannot access transit information for other regions.

### *Installation Guide*

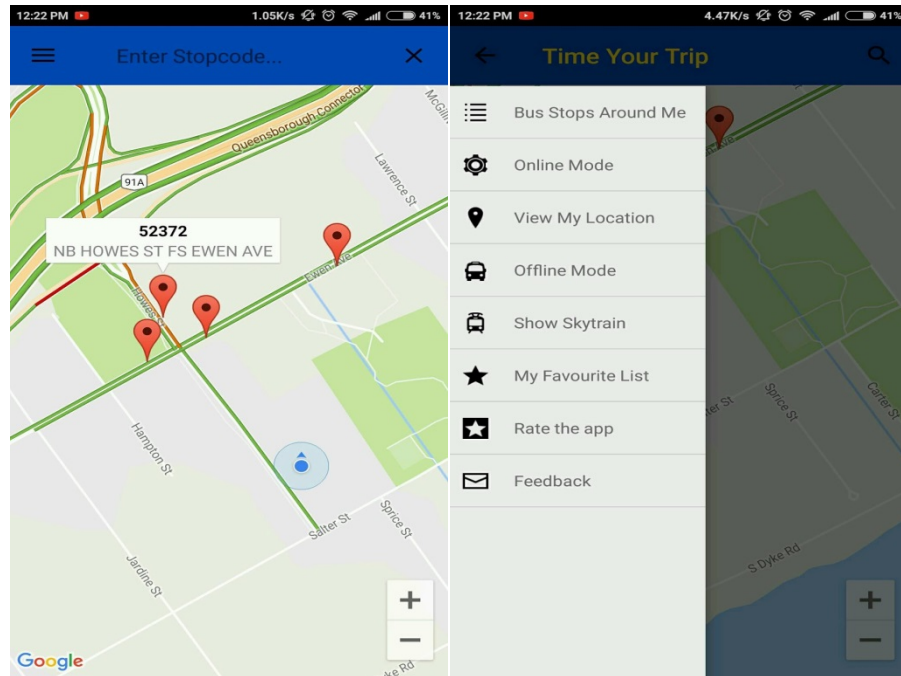
Because our app is currently undergoing developer phase, it is not available publicly on the Google Play store. To install from the Play Store, please follow this URL and follow the instructions to download:

<https://play.google.com/store/apps/details?id=com.planmytrip.johan.planmytrip>

*Time Your Trip* is currently only available on Android devices, and is optimized for OS Lollipop and above.

### *Current Location*

Once installed, please ensure that the app has permission for Internet and Location Services, in order for the app to perform its full capabilities. Once opened, a map should appear and display the user's current location, along with a series of red markers. The markers represent bus stops within 250m of the phone's current location. As a user, you can zoom in and out of the map, and can scroll to view different locations. To return to the original location, you can simply tap the "View My Location" bar located in the menu (accessed through tapping the menu icon on the search bar or through swiping left on the screen).



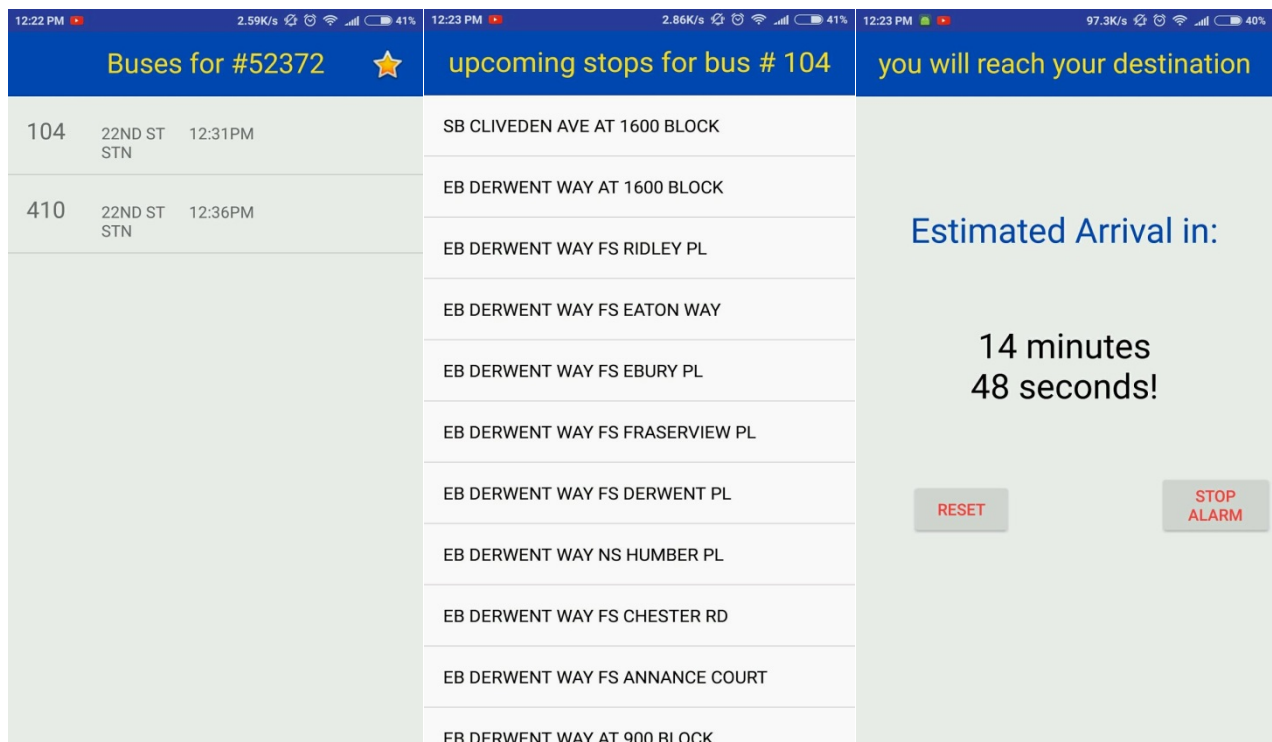
When a marker is tapped, a box will appear and display more information regarding the stop, such as the stop's code and name. When the box is tapped, the user will be directed to a new page that shows the arriving buses for the selected stop.

### *Search for Bus Stops*

The search bar at the top of the screen can be used to search for specific bus stops in the Lower Mainland. To search for a stop, a valid 5-digit stop code is required. Once a code is entered, the map will zoom to the marker for the stop on the map. The user can then select the marker to view the arriving buses.

### *Setting alarm*

Once you have chosen a bus stop, you will be directed to a page that displays a list of buses arriving. To choose which bus to get on, simply tap on a bus on the screen, and you will be directed to another page that displays a list of stops. Tap on a stop to choose as your destination. When tapped, you will be directed to our alarm page, where an estimated arrival time is displayed and a timer is set. You may now exit the app. When the bus arrives at your destination, it will ring an alarm, notifying you that you have arrived.



At any time, you may go back to a previous activity by pressing the back button on the Android device. To stop the alarm from ringing, press “Stop Alarm”, and to reset the alarm, press “Reset Alarm” to return to the home page.

### *Favourites*

You can save your favourite bus stops by tapping the golden star located on a select bus stop page (the page that displays a list of arriving buses). To access the favourite stops, activate the menu and select the “My Favourites List” option.

### *Offline Tracking*

Time Your Trip also offers offline tracking via GPS. To access this feature, go to the app’s home screen and target the menu. Select the “Offline Mode” option, and a new activity will be activated and will display a list of all the bus route numbers. To select a specific route number, enter it in the search bar at the top. Once selected, another page will open that will display all of the stops the selected bus will visit. Tap to select a destination stop, and a new page will open that will display the current distance from the destination. You may now exit the app, and

the app will notify you once you are within 50m of your destination. To reset or disable the alarm, follow the same instructions as mentioned in the “Setting Alarm” section.

All Routes	Select Destination
002 MACDONALD/DOWNTOWN	UBC LOOP BAY 7
003 MAIN/DOWNTOWN	SB WESBROOK MALL NS AGRONOMY RD
004 POWELL/DOWNTOWN/UBC	SB WESBROOK MALL FS THUNDERBIRD BLVD
005 ROBSON/DOWNTOWN	SB WESBROOK MALL AT HAMPTON PL
006 DAVIE/DOWNTOWN	WB W 16 AVE FS WESBROOK MALL
007 NANAIMO STN/DUNBAR	WB W 16 AVE NS SW MARINE DR
008 FRASER/DOWNTOWN	EB SW MARINE DR FS WESBROOK MALL
009 BDRY/COMM-BWY/GRAN/ALMA/UBC	EB SW MARINE DR FS KULLAHUN DR
010 GRANVILLE/DOWNTOWN	EB W 41 AVE NS CROWN ST-
014 HASTINGS/UBC	EB W 41 AVE NS CROWN ST-
015 CAMBIE/OLYMPIC VILLAGE STN	EB W 41 AVE NS CROWN ST-
016 29TH AVENUE STN/ABRITIS	FR W 41 AVE FS WALI ACF ST