



# Taxi Calling Service Android App

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# Introduction

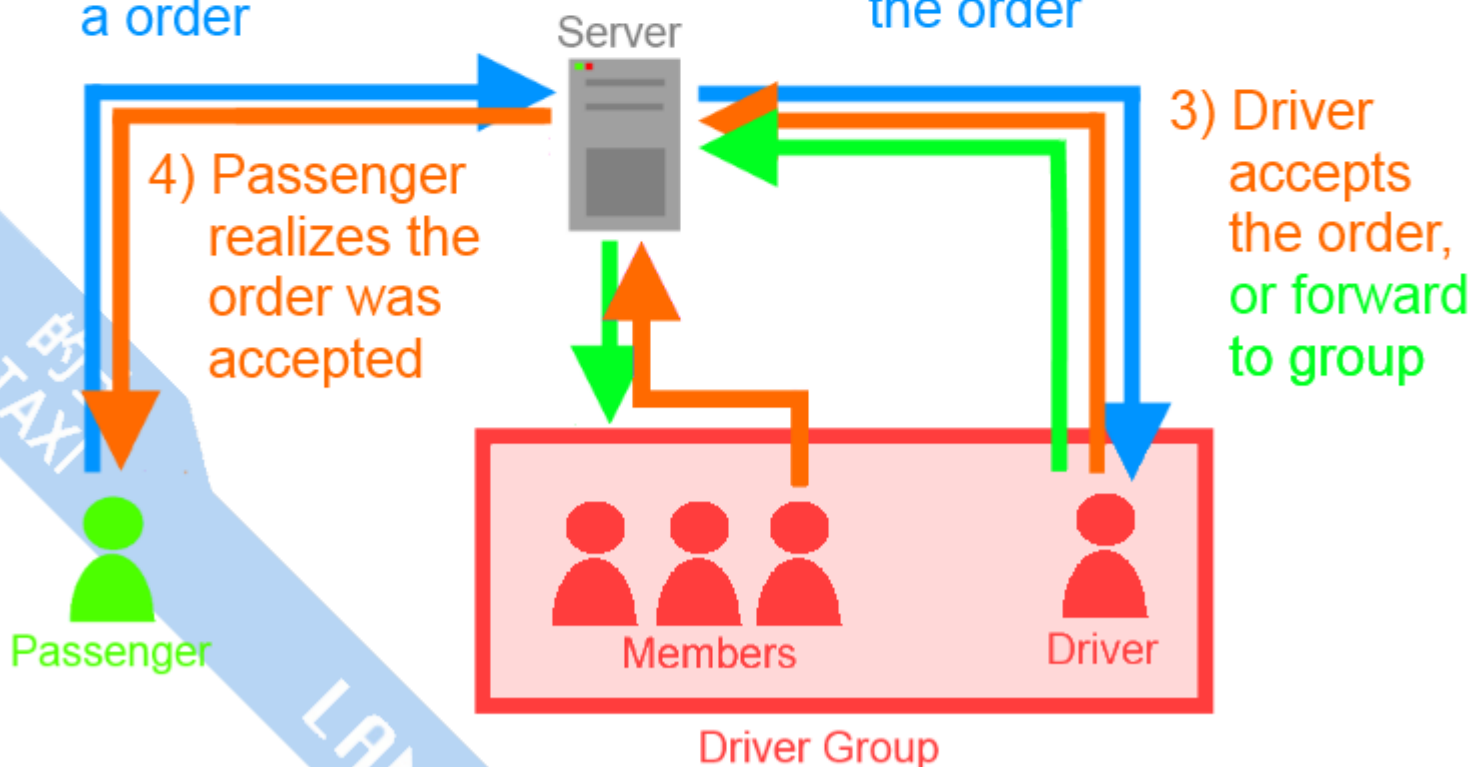
- Taxis are a major form of transportation in Hong Kong. However, the current taxi calling stations have many limitations and serious problems.
- To provide a more reliable taxi calling service.
- To provide a highly usable app for both local users and foreign tourists.
- To provide driver group function to fit current taxi driver environment.

The screenshot shows a mobile app interface for calling a taxi. It includes input fields for 'Start' and 'End' locations, each with a location pin icon and a microphone icon. Below these are sections for 'Travelling Time' (with a clock icon) and 'Fees' (with a dollar sign icon). The 'Fees' section has buttons for 'Immediate' and '+5 Mins'. There is also a 'Tips' section with a '+\$5' button. A 'Choose a Driver' dropdown menu is set to 'N/A'. At the bottom, there are two buttons: 'Call a Taxi Now' and 'Reset'.

# Design

1) Passenger posts a order

2) Driver receives the order



3.5) The order is sent to all group members and one of the members accepts the order

# Features

## Passenger Side



### Google Map

The app allows users using Google Map to point out starting and ending location of order.

### Speech To Text

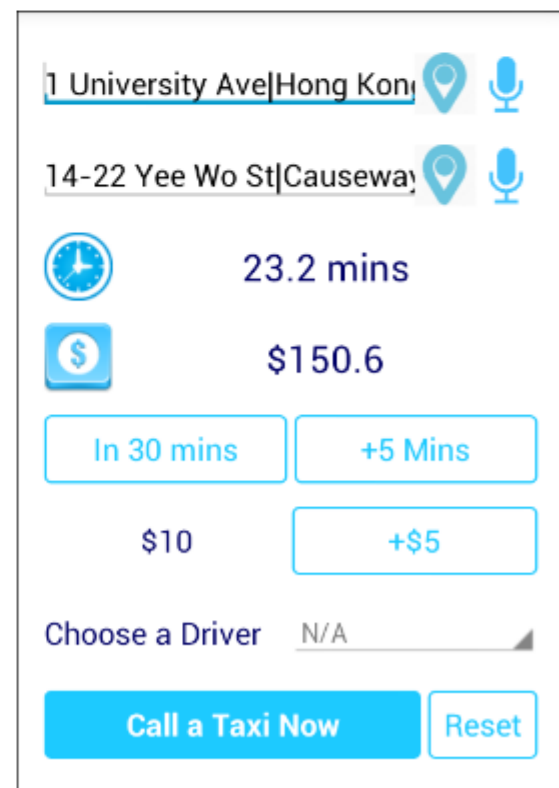
Besides using Google Map, users can also use Speech To Text(STT) function, provided by Google, to input location.

### Fee & Duration

After inputting the starting point and ending point, the app automatically calculates fee and duration of the order.

### Direct Order

Instead of posting the order to all drivers, users can directly send the order to one specific preferred driver.



# Features

## Driver Side



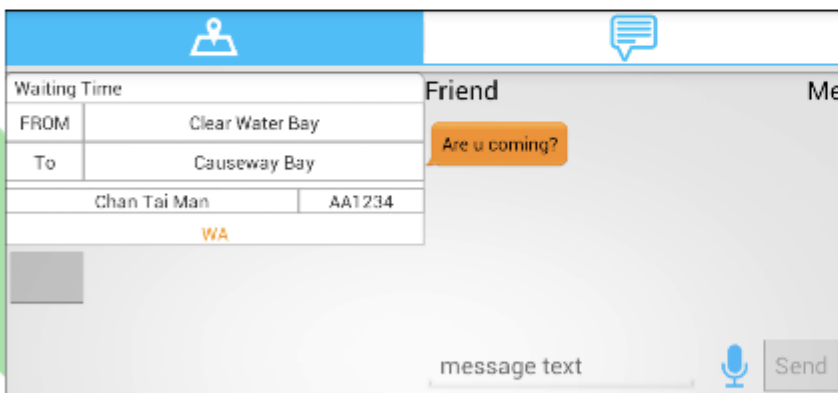
## Text To Speech

After drivers receive an order, the app automatically reads out location of the order. So drivers are not disturbed during driving.

## Driver Group

The app allows drivers to create groups and join different groups. They can forward direct orders to all members within the same group.

+ Create Group	Add member
+ Delete Group	Tim Ng
Group 1	Max Cheung
Group 2	Leslie Cheung
	Thomas Wong



## Communication with Passenger

The app allows drivers and passengers to contact with text message, via QuickBlox.

## Road Condition

The app shows road information to drivers for selecting the optimum route.

