

DCU PERSONAL ASSISTANT CHAT BOT

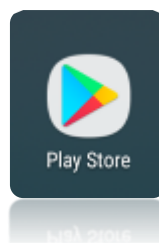
Ian Kelly 13480138

SUPERVISOR: GARETH JONES

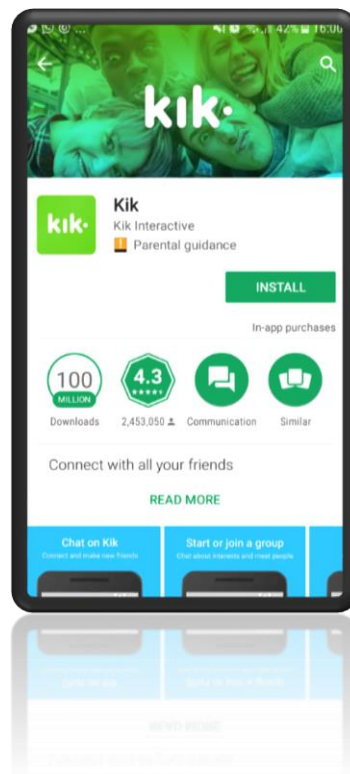
Installation Guide

Step One Download and install KIK Messenger

Setting up the chat bot is very simple. First thing do is to download KIK Messenger on an app store. It can be located on the play Store on Android phones and the App Store on iOS phones.

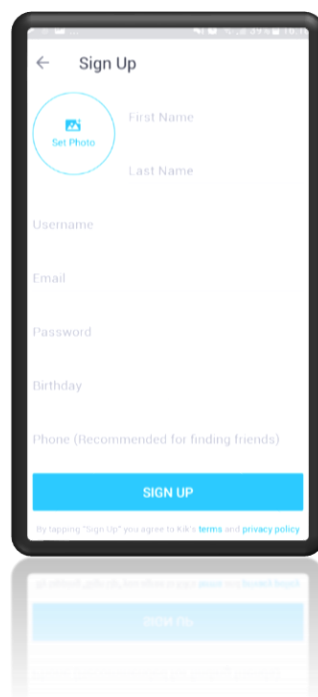


Type in 'KIK' in the search bar and the app will be the first result. Click on the app and press 'Install'.



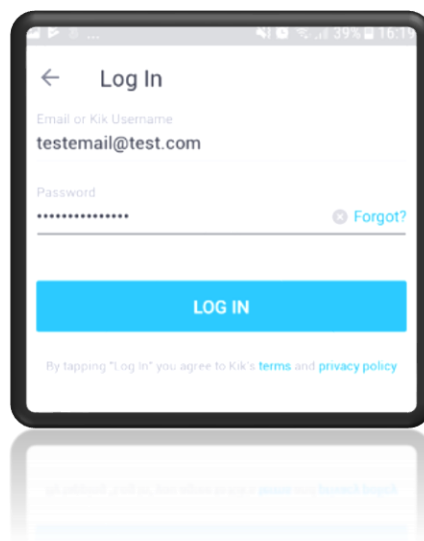
Step Two Open KIK and register an account

Once the app has been downloaded, open the app. If you already have a KIK account, you can skip this step. If you do not, click 'Register' and fill in the required details which includes a username and password.



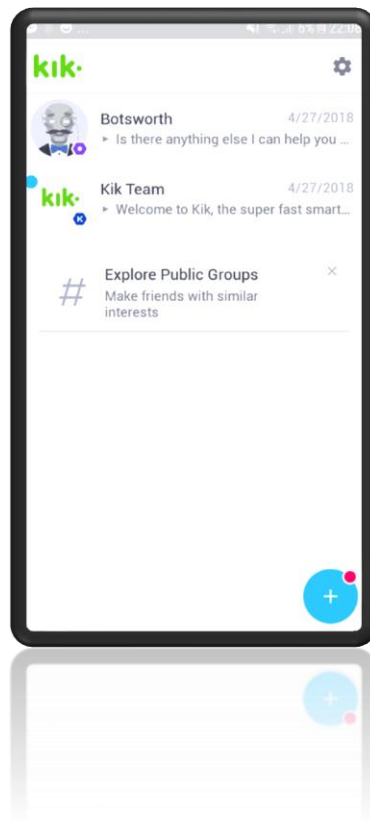
Step Three Log in

When you have a registered account, you can click 'Log In'. Type in your username or email address and your password.

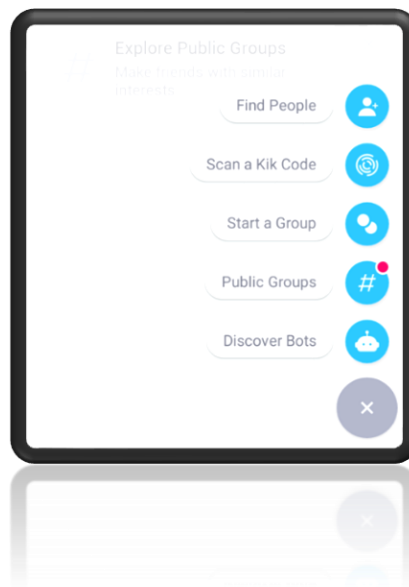


Step Four Find the bot

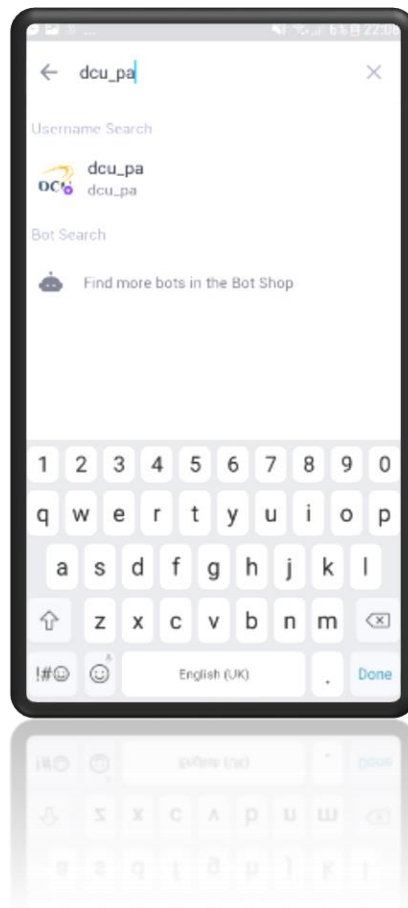
Once you log in, you be presented with a screen showing your list of ongoing conversations. By default, you will have one with the Kik Team. To find the DCU chat bot, click the blue plus symbol in the bottom right hand corner of the screen.



From here, click the 'Find People' Button.

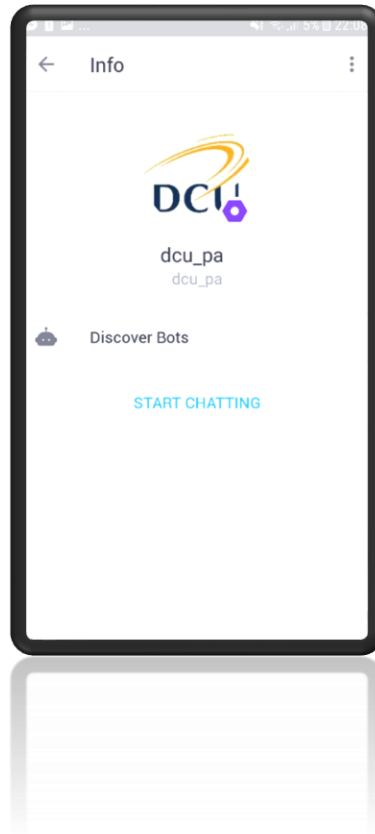


You can now type 'dca_pa' into the search box that has appeared. There should be one result which will be the chat bot. Click on the chat bot to add it to your conversations.

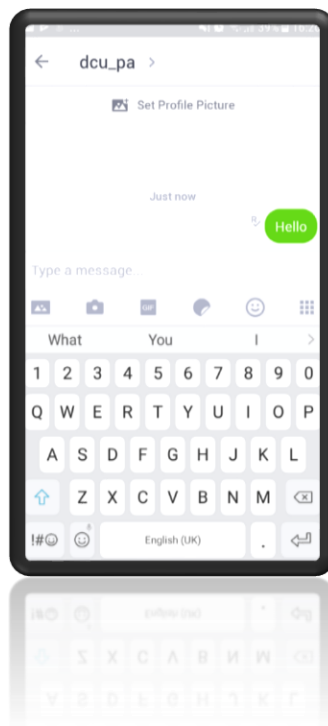


Step Five Establish a conversation with the bot

You will be brought to a screen about the bot. Click 'Start Chatting'.



You are now in a conversation with the DCU Personal Assistant Chat Bot. Say Hi!



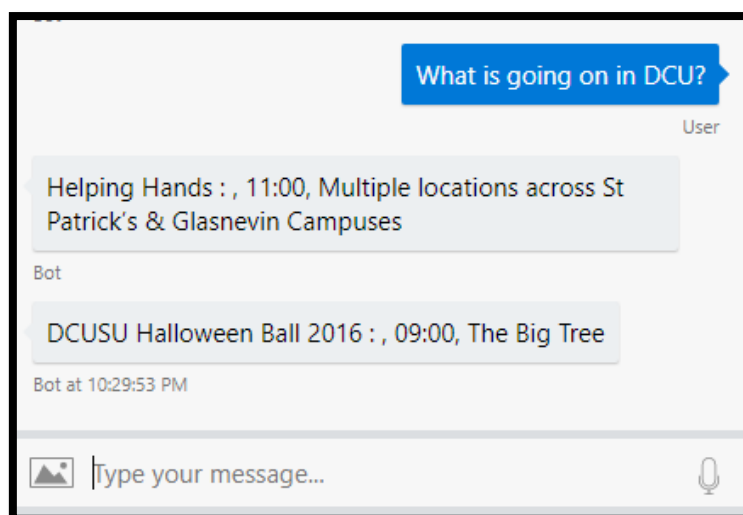
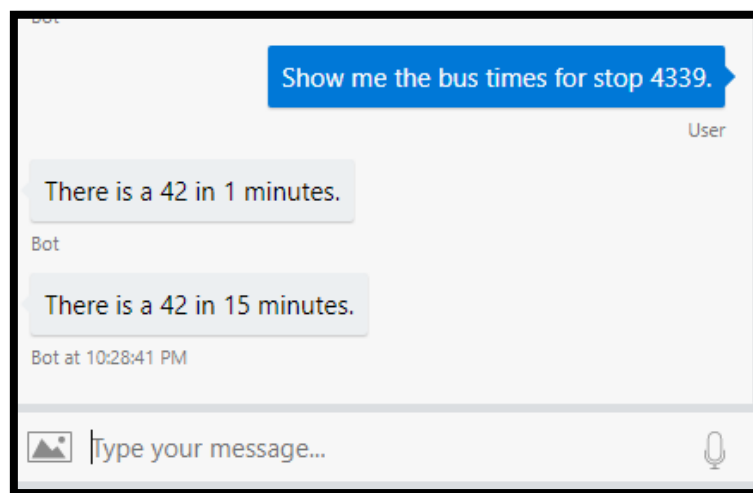
User Guide

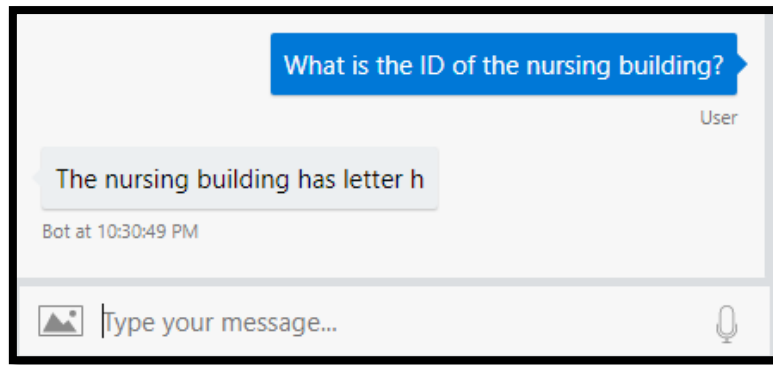
This user guide will outline what the user can do with the DCU PA Chat Bot. Due to the minimalistic user interface of the chat bot, user activities are very low. There are two types of user activity:

- Simple question and answer. The user asks a question, the bot returns an answer.
- Back-and-forth dialog. The user asks a question, the bot replies asking for additional information. The user provides the bot information and the bot then returns an answer to the original question.

Simple question and answer

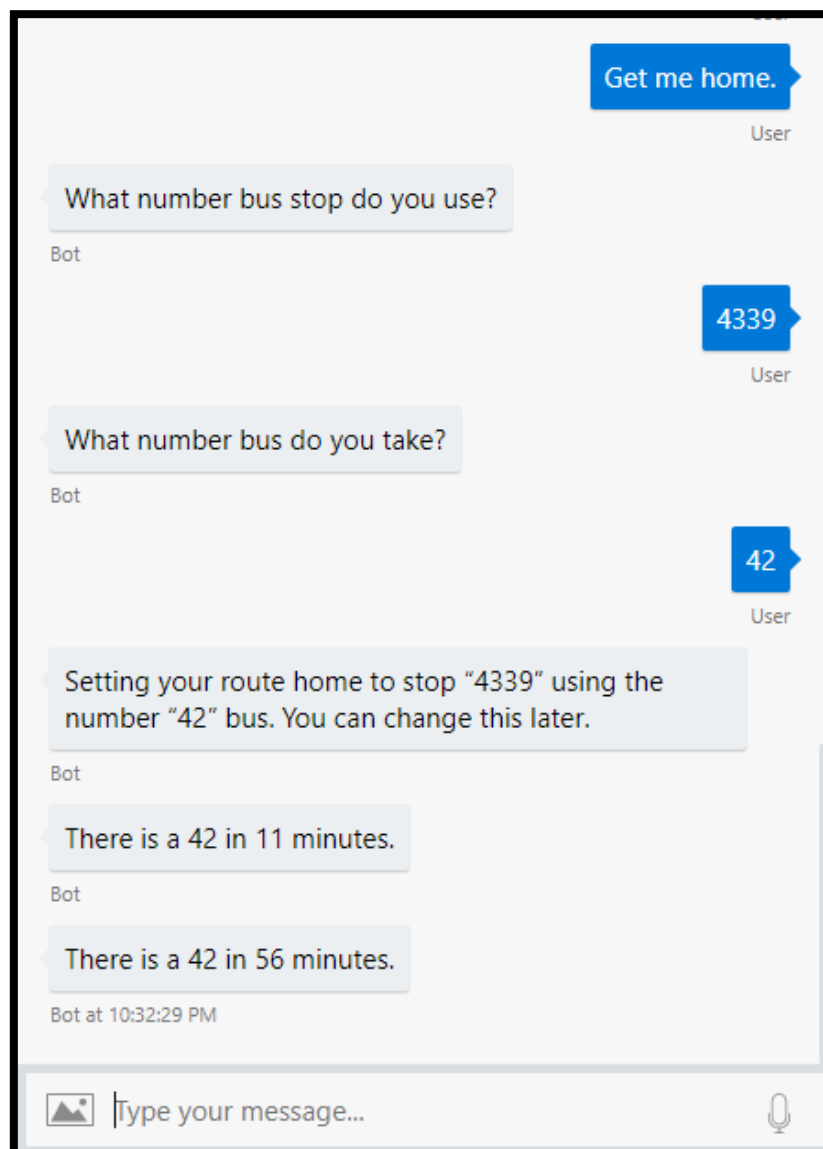
These simply consist of the user making a statement or question, the bot goes and retrieves information, and replies to the user with the information.

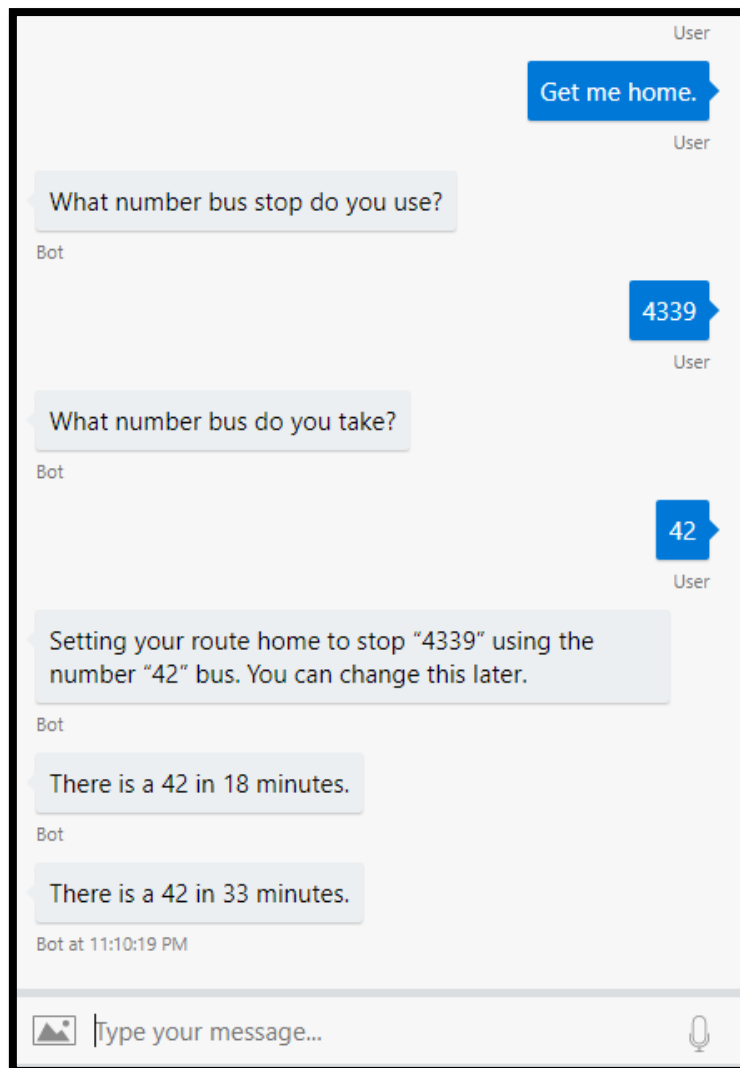




Back-and-forth dialog

These consist of a conversation flow where the user makes a statement or asks a question. The bot requires additional information to get the correct data, and so asks the user a question. The user's response can then allow the bot to find and return the data that the user is asking for.





Complete list of chat bot functions

Below is a complete list of every function of the chat bot and an example sentence you can use to call them.

- Greeting.
 - "Hello!"
- Get bus times for a specific route from a specific bus stop.
 - "Get me the times for the 42 from stop 4339."
- Get all bus times for a specific bus stop.
 - "Get me the bus times for stop 4339."
- Get the bus times for your preferred stop and route.
 - "Get me home."
- Change your bus preferences.
 - "I want to change my route home."
- Get your timetable for today.
 - "Show me my timetable."
- Get your timetable for you next class.
 - "What is my next class?"

- Change your timetable course information.
 - “I want to change my course information.”
- Get the ID of a building on campus.
 - “What is the id of the nursing building?”
- The name of a building on campus.
 - “What is the H building?”
- Delete all user information.
 - “Delete my info.”
- Find the location of a building on campus.
 - “Where is the nubar?”
- Get the answer of a FAQ regarding freedom of information from the DCU FOI office.
 - “I want to ask a question about foi.”