



# **CA400 Airport Assistant User Manual**

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## **Abstract:**

Airport Assistant is an Android Application to help users, primarily those who suffer from anxiety, with dealing with passing through an airport. According to [travelweekly.co.uk](http://travelweekly.co.uk) a study conducted by CPP found that one third of people find a working week to be less stressful than taking a flight and a quarter say it would be less stressful to move house than to take a flight. The purpose of this application is to take the stress out of air travel and make it more accessible to people who avoid travelling due to fear of the panic it will cause. Airport Assistant works by, instead of overloading users with information about the airport, bringing them through the process step by step, completing checks, giving advice and providing important information. It is almost like someone holding the user's hand and being their assistant throughout the journey.

The primary feature of the application is the AR (Augmented Reality) functionality for measuring luggage sizes. This will help ease the worries of users who are concerned that their hand luggage may not meet the requirements of their airline before they leave home. Similarly, features such as security tips and walk times to gates will help make the entire process less stressful.

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## **1. Installation**

- To install the Airport Assistant application go to the Google Play Store and search for "Airport Assistant"
- Click on the Airport Assistant application
- Click the install button
- Once the application has installed click the open button on this page

## **2. Login**

- When you open the Airport Assistant application you will be presented with the login screen
- Click on the "Google Sign in" button
- You will be presented with the Google Sign in page
- Select an account to sign in with and enter your Google password
- You are now signed into the Airport Assistant application

## **3. Logout**

## **4. Upload Journey**

- To upload a journey, firstly click the "Upload Journey" button
- You will then be asked to enter your flight number
- Enter your flight number here
- Click the "Upload Journey" button
- If you do not enter a value here you will be prompted that a flight number is required

## **5. Check-In Weight**

- If you are checking in luggage
  - i. Click yes on the "Will you be checking in hold luggage" option
  - ii. Enter the weight you have booked to check-in in the first field
  - iii. Weigh your luggage
  - iv. Enter the actual weight of your baggage in the second field
  - v. Click the "Begin Journey" button
- If you are not checking in luggage

- i. Click no on the “Will you be checking in hold luggage” option
- ii. Click the “Begin Journey” button

## **6. Confirm Journey**

- Your flight number, airline, destination and flight time will be displayed on this screen
- If these details are correct
  - i. Click the “Start Journey” button
- If these details are incorrect
  - i. Click the “Cancel” button

## **7. AR**

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## **8. Directions to Airport**

- Firstly, select the mode of transport you will be using
- Then select whether you would like to receive directions for your mode of transport or not
- If you do not select a mode of transport you will be prompted to enter a mode of transport.
- If you do not select whether you would like directions or not you will be prompted to select an option for this
- Click the “Progress to Next Stage” button

## **9. Check-In**

- You will be presented with this screen if you are checking in luggage
- Your flight number, destination, airline and flight time will be displayed here
- Check the check-in board in the airport for this information
- Here you will find your check-in gate
- This page also informs you of your booked weight and the actual weight of your page

- Here you can be at ease knowing you are below your maximum weight
- There is also a link found here to Dublin Airport Authority's (DAA) website which provides helpful hints on checking in luggage
- To progress click the "Progress to Next Stage" button

## **10. Security**

- At the top of the screen you will see how long the security wait time currently is
- Below this is a scroll menu with helpful tips for passing through security provided by DAA

## **11. Duty Free**

- Here you are provided information on what amenities are near you
- You can see a map of Dublin Airport Duty Free with the below icons
- **ICON TABLE**
- Tap on an icon to be provided with information about the location

## **12. Directions to Gate**

- Your flight number, airline, destination and flight time will be displayed on this screen
- You will be asked to input your gate number here
- This can be found on the departures boards within the airport
- Once you enter your gate number click the "Progress to Next Stage" button
- This screen will direct you to your gate
- Follow these directions until you arrive at your gate
- Then click the "Progress to Next Stage" button

## **13. Inflight Information**

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## **14. Directions to Destination**

- When you have arrived at your destination airport you will be presented with this screen

- Here you enter the name of where you are travelling to
- You then select the mode of transport you will be using
- Finally, select whether you would like to receive directions for your mode of transport or not
- Click the “Progress to Next Stage” button
- The next screen will direct you to your destination
- Follow these directions to your accommodation
- Once you have arrived click the “Journey Complete” button

## **15. Journey Complete**

- You will receive a pop up to let you know that the journey is now complete
- You will then progress to the home page
- Congrats you have completed your journey