**Application manual**

The purpose of this manual is to guide the users on how the RP License Plate Recognition application will flow and how they are to use it.

Upon start up of the app:

Main Page of the app

Text

Description automatically generated with medium confidence

This is the main page of the application, there is a button with the word begin. Upon tapping the button, a new page will show on the phone.

On pressing the ‘Begin’ button:

Icon

Description automatically generated with medium confidence

There are two buttons in this page with a blank green box which will be used in displaying the image taken or chosen from the gallery.

When ‘Gallery’ button pressed:

The phone’s gallery will open and will allow user to select a picture of the license plate they wanted from there.

When ‘Camera’ button pressed:

The phone’s camera built in application will open and allow the user to snap a photo of the license plate. When picture is taken, user has option to use the photo taken or retake it.

After image chosen or taken:

A picture containing text

Description automatically generated

This page will display the image taken or chosen in the green box and automatically detects the license plate in the photo.

There is a prompt to the user that asks whether the license plate detected is correct or incorrect and two buttons are present on the screen.

When ‘No’ button is pressed:

The text box with the license plate becomes editable and the user is then able to input the correct license plate number.

When ‘Yes’ button is pressed:

User will be taken to the next page where depending on whether it is a staff vehicle, will be different.

If vehicle scanned is not a staff vehicle:

A picture containing text, businesscard, screenshot

Description automatically generated

A message will pop up informing the user that the license plate is not a staff vehicle. A ‘Back’ button is present on the screen. When pressed, it will bring the user back to the page to select the image or take it.

If vehicle scanned is a staff vehicle:

Graphical user interface, application

Description automatically generated

A message will pop up informing the user that the vehicle is a staff vehicle. This page will show the details of the staff and the vehicle .

The fields ‘Carpark Number’ and ‘Remarks’ can take in inputs.

The button ‘Save to Database’ will then update the remarks and carpark number into the database. After which, a message will show that it has been updated and will bring the user back to the page to select gallery or camera

Once ‘Save to database’ button pressed:

Icon

Description automatically generated with medium confidence

The user will be brought back to this page once they have saved the remarks and carpark number.

They will then be able to continue scanning other vehicles or to exit the application, they can continuously press the back button or their phone’s button to exit the app to the phone’s app selection page.