



USER MANUAL

for Crash Site 3D

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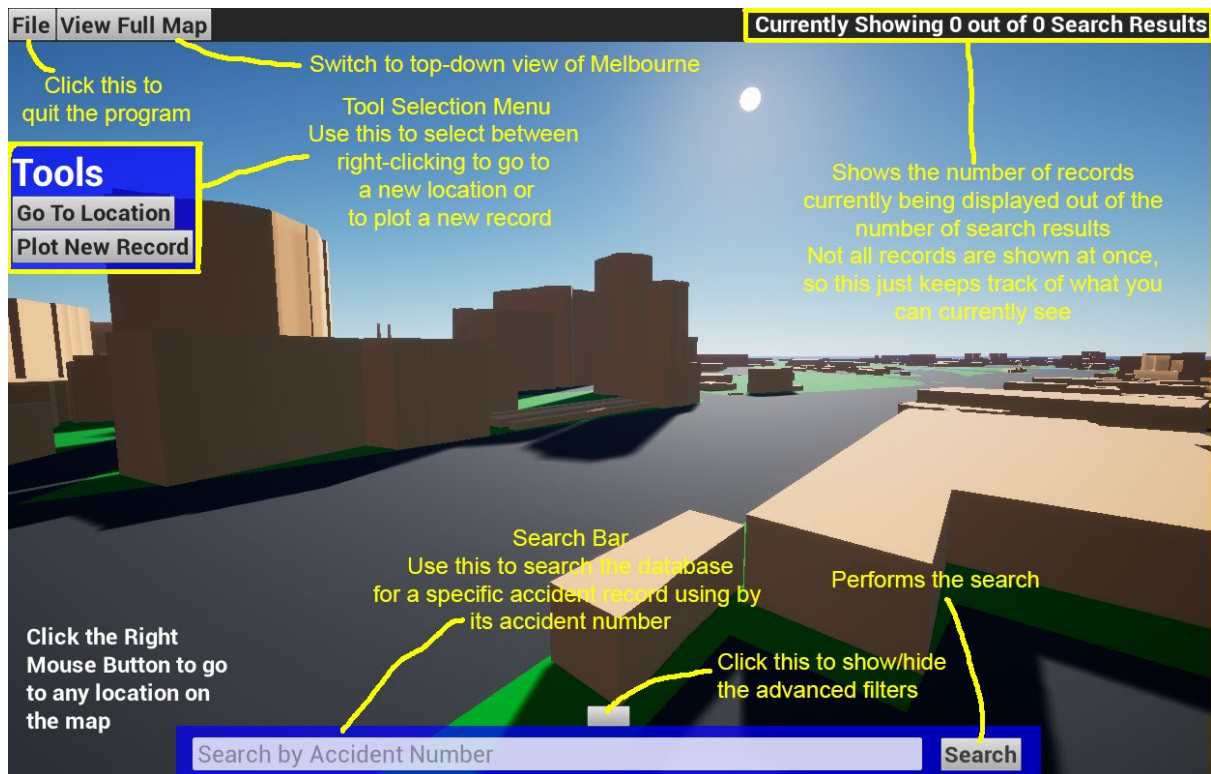
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Overview

Crash Site 3D is a program that allows users to access the records of road accidents that have occurred in the Melbourne CBD since 2013. It allows you to make changes to existing records and create new ones as well as being able to analyse its statistics and the location of where it has occurred. Crash Site 3D features the typical top-down map of the CBD as well as a brand new 3-dimensional representation on which you can examine road accidents.

This manual has been written so that you can be properly trained in the use of Crash Site 3D and for referring back to, should you become unsure of how to use certain aspects of the program.

User Interface



This is the screen that Crash Site 3D starts with. It has a search bar, a tools menu and a taskbar at the top of the screen. You will spend a lot of your time on this screen when using Crash Site 3D.

Navigation

Crash Site 3D has two means of navigation: via street level (the program starts in this mode) and via full map view.

Navigating at Street Level View



- With the Go To Location tool selected, click on any location in the CBD using the **Right-Mouse button** to go to that location.
- You can use the **Mouse Wheel** to zoom in and out
- While holding down the **Left Mouse Button** and moving the mouse, you can orbit your view around your location in the CBD

Navigating in Full Map View

This is the full map view in Crash Site 3D. You can view the CBD from a top-down perspective. It is entirely possible to use the program this way, should you not prefer to use the street level mode.



- With the Go To Location tool selected, click on any location in the CBD using the **Right-Mouse button** and Crash Site will take you to that location in street level mode.
- You can also use the **Mouse Wheel** to zoom in and out of the map
- You can hold down the **Left Mouse Button** and drag the mouse to move along the map, similar to how you would in Google Maps for instance.

Searching the Database

Searching by Accident Number

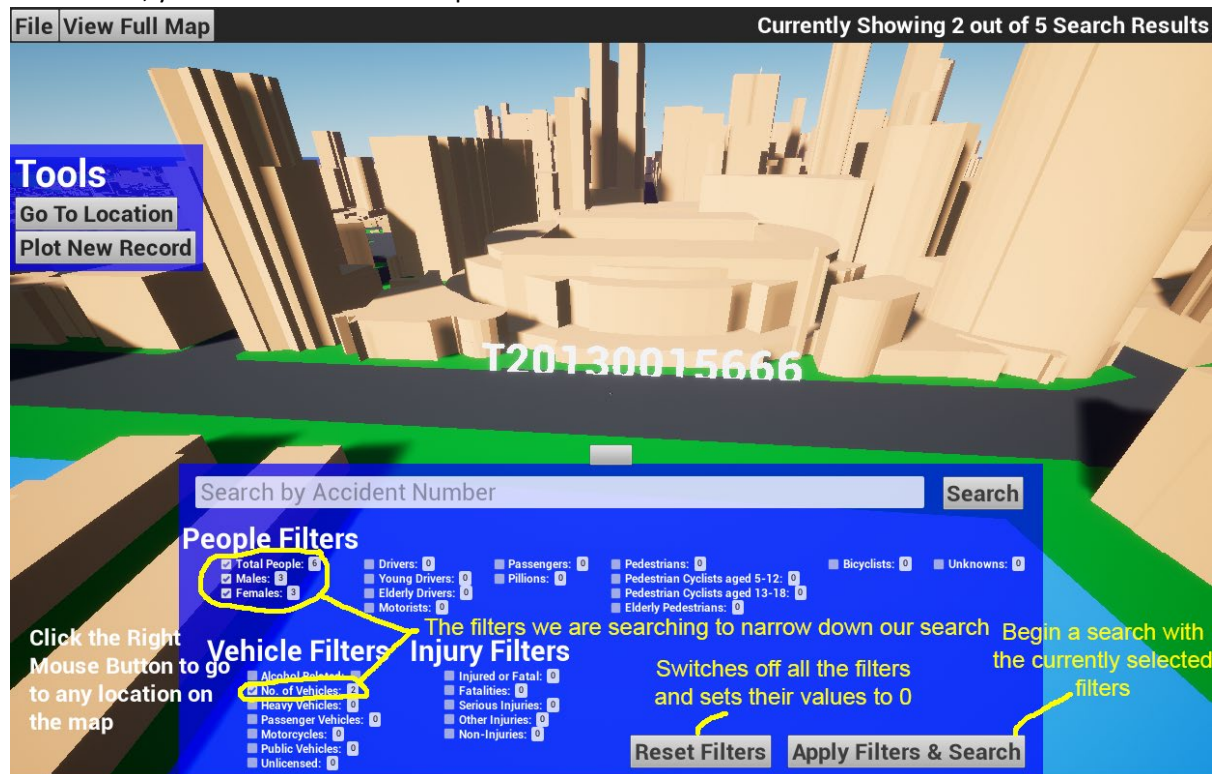
You can search the database for a specific road accident by using its Accident Number. This of course assumes that you know the accident number of the road accident in question beforehand.



Simply enter the accident number of your choice, then hit **Search**. Crash Site will bring you to the location of the road accident.

Using Advanced Filters

Sometimes, you will want to search up records in the database that meet a certain criteria.



To do this, you can choose which filters you want to use to narrow down your search by ticking the checkboxes next to them. You can then set the value of the filter you want Crash Site to search by.

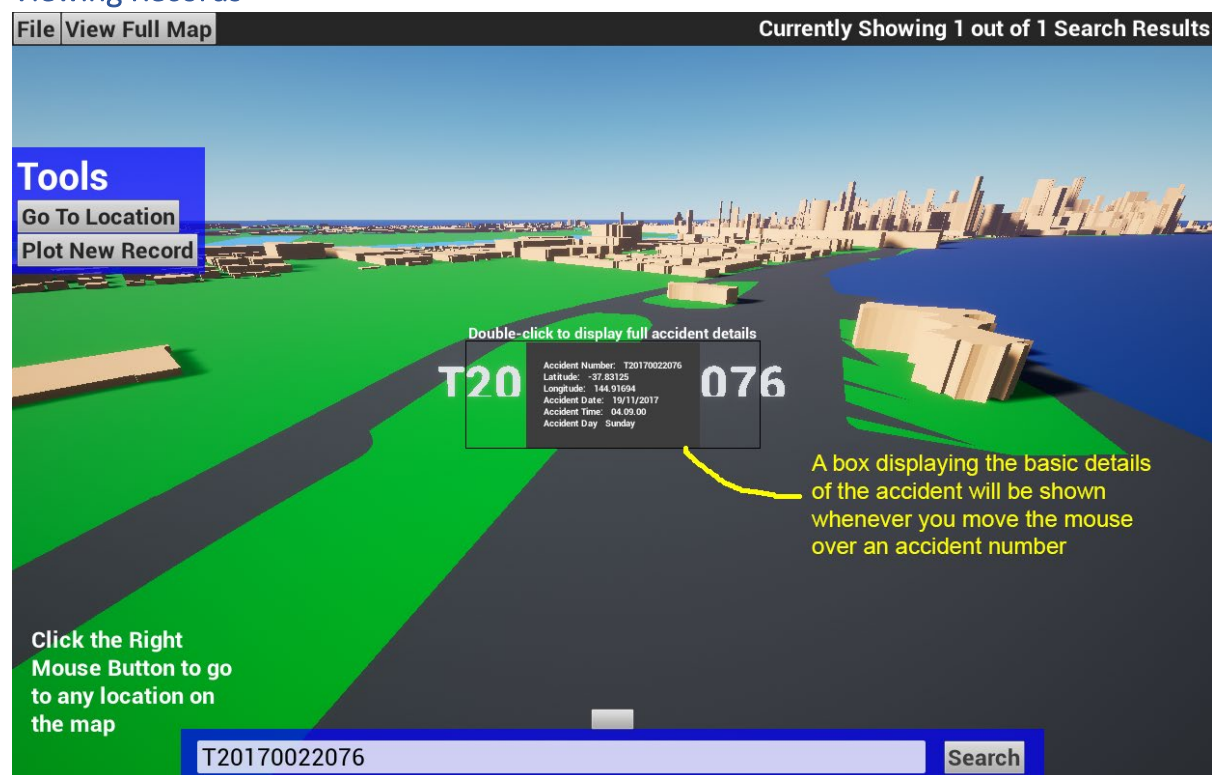
After that, all you need to do is hit the **Apply Filters & Search** button at the bottom of the filters menu and Crash Site will display all of the road accidents that have met this criteria.

Note: You may need to move around the CBD a bit in order to find the records you want to view as road accidents that have occurred a certain distance away from where you are currently positioned in CBD will not be displayed until you are positioned closer to them. It helps to have a rough idea of where in the CBD the road accident occurred before locating it.

Viewing & Editing Records

As previously mentioned, Crash Site allows you view the information and statistics of road accidents in the CBD as well as make changes to them.

Viewing Records



As shown in the image above, if you put your mouse over an accident number, a dark grey box will appear, displaying basic information about the road accident. Double-clicking this box will open the window shown on the next page:

File View Full Map Currently Showing 1 out of 1 Search Results

Accident Number: T20170022076

Tools

Go To Location

Plot New Record

Date & Time

Accident Date: 19/11/2017
 Accident Time: 04.09.00
 Accident Day: Sunday

Location

Latitude: -37.83125
 Longitude: 144.91694

People Involved

Total People: 6

Males: 2
Females: 2

Drivers: 1
Young Drivers: 0
Elderly Drivers: 0
Motorists: 0

Passengers: 4
Pillion: 0

Bicyclists: 0

Unknowns: 1

Vehicle Statistics

Alcohol-Related: No
 No. of Vehicles: 2
 Heavy Vehicles: 0
 Passenger Vehicles: 1
 Motorcycles: 0
 Public Vehicles: 0
 Unlicensed: 0

Injury Statistics

Injured or Fatal: 4
 Fatalities: 0
 Serious Injuries: 0
 Other Injuries: 4
 Non-Injuries: 2

Click the Right Mouse Button to go to any location on the map

Edit Record Make changes to the record

Close this window and return to Crash Site **Close**

This window shows all the information and statistics for the accident you have selected. From here, you can either close the window, or you make changes to the record by hitting the **Edit Record** button.

Editing Records

File View Full Map Currently Showing 1 out of 2 Search Results

Accident Number: T20130026850

Tools

Go To Location

Plot New Record

Date & Time

Accident Date: 1- / 01- / 2013-
 Accident Time: 00- : 00- : 00-
 Accident Day: Monday-

Location

Latitude: -37.805065
 Longitude: 144.916275

Set New Coordinates

People Involved

Total People: - 0 +

Males: - 0 +
Females: - 0 +

Drivers: - 0 +
Young Drivers: - 0 +
Elderly Drivers: - 0 +
Motorists: - 0 +

Passengers: - 0 +
Pillion: - 0 +

Bicyclists: - 0 +

Unknowns: - 0 +

Vehicle Statistics

Alcohol-Related: New
 No. of Vehicles: - 0 +
 Heavy Vehicles: - 0 +
 Passenger Vehicles: - 0 +
 Motorcycles: - 0 +
 Public Vehicles: - 0 +
 Unlicensed: - 0 +

Injury Statistics

Injured or Fatal: - 0 +
 Fatalities: - 0 +
 Serious Injuries: - 0 +
 Other Injuries: - 0 +
 Non-Injuries: - 0 +

Click the Right Mouse Button to go to any location on the map

Close Without Saving Closes this window without saving any changes to the record, then returns the Crash Site

Save Record Saves the changes made to the record, then closes the window and returns to Crash Site

This window will appear after clicking the **Edit Record** button. You can increase and decrease the statistical values of the record using the + and - buttons. You can also change the date, time and day of the accident. The **Set New Coordinates** button allows you to change the location of the accident

entirely. Once you have made the changes you would like to make, you can then hit the **Save Record** button and this will apply those changes to the record, otherwise, you can hit the **Close Without Saving** button to safely exit the window without applying those changes.

Setting a New Location for a Record

Sometimes, you will want to change the location of a road accident.



When you click the **Set New Coordinates** button, some geocoordinates will appear where your mouse is and follow it. This is the geocoordinates of where your mouse is pointing to. Press the **Right-Mouse button** to set the new location of the accident. The geocoordinates of the location of the accident will be set according to where the mouse is pointing to at the time of clicking.

If you change your mind and do not want to change the location of the road accident, hit the **Cancel** button in the tool selection menu and you will be taken back to the record editing window.

Creating New Records

Crash Site 3D gives you the ability to create new road accidents and add them to the database. With the Plot New Record tool selected, click on a location on the map to place a new road accident.

The screenshot displays the 'Crash Site 3D' software interface. At the top, a black bar contains 'File View Full Map' on the left and 'Currently Showing 1 out of 2 Search Results' on the right. The main window is titled 'Accident Number: T20130026850'. On the left, a 'Tools' panel includes 'Go To Location' and 'Plot New Record'. The 'Plot New Record' tool is active, showing a 3D map of a road intersection. The accident details are as follows:

Date & Time		Location	
Accident Date:	1-/01-/2013	Latitude:	-37.805065
Accident Time:	00-:00-:00	Latitude:	144.916275
Accident Day:	Monday		

Below the date and time fields is a 'Set New Coordinates' button. The 'People Involved' section includes:

- Total People: 0
- Males: 0
- Females: 0
- Drivers: 0
- Young Drivers: 0
- Elderly Drivers: 0
- Motorists: 0
- Passengers: 0
- Pillions: 0
- Bicyclists: 0
- Unknowns: 0
- Pedestrians: 0
- Pedestrian Cyclists aged 5-12: 0
- Pedestrian Cyclists aged 13-18: 0
- Elderly Pedestrians: 0

The 'Vehicle Statistics' section includes:

- Alcohol-Related: No
- No. of Vehicles: 0
- Heavy Vehicles: 0
- Passenger Vehicles: 0
- Motorcycles: 0
- Public Vehicles: 0
- Unlicensed: 0

The 'Injury Statistics' section includes:

- Injured or Fatal: 0
- Fatalities: 0
- Serious Injuries: 0
- Other Injuries: 0
- Non-Injuries: 0

At the bottom of the window, there is a 'Close Without Saving' button and a 'Save Record' button. A search bar at the very bottom contains the text 'T20170022076' and a 'Search' button.

The same window that appears when you go to make changes to an existing record will be displayed when creating a new record. From here, its just a matter of filling out the information in the window and clicking the **Save Record** button. Clicking on the **Close Without Saving** button will close the window without saving the record.

Note: When a new accident is created, its accident number is automatically determined, so you do not have to enter this yourself.