COLLEGE MAPS

User's Manual

User 's Manual

College Maps
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About College Maps

C ollege Maps uses building plans, schematics, and GPS to show a user the fastest route to a specific building and room number. It is a convenient way for college students, staff, and visitors to get around campus for classes, meals, events, and more. This app will ensure the user takes the quickest and safest route to be on time for an appointment. The main goal is for the user to get where they need to go and be on time.

To navigate the website click on one of the tabs in the top header to explore all that College Maps has to offer.

Getting Started

The "Home" tab at the top left of the page is the landing page the user sees first. Next, the "Map" tab also at the top left will take you to the interactive 3D map. The "User's Manual" tab in the top right will take you to this file you are reading now where you, the user, can learn how to work and navigate College Maps. Lastly, the "Systems Manual" tab also on the right will display the ways in which College Maps works.

Starting Page

Home

The "Home" tab is the screen where the user will first land upon loading College Maps. Here, they will be presented with some details about College Maps, what are the contributors, and more. Additionally, the user will see an opaque image of the map with a button "Get Stated" to take you to the map. On the home page, the user will also have their first encounter with the navigator bar. The user can click on one of the tabs at any point to navigate to that page.

Map Page

How To Get To The Map

To navigate to the core of College Maps, being the actual map, the user must click on "Map" on the top left corner on the site, or if the user is on the home page, they can click on the "Get Started" button in the middle of the screen that lays over an image of the map.

How to Interact with the Map

Once loaded into the map, the starting position is at McMaster University centered on their University Hall Building. The map gives the user a warm cozy scenery with plenty of animations for the user to enjoy while using the map. The other main object the user will be prompted with is the maps navigation bar. The navigation bar will be one of the main ways the user interacts with the map.

Map

This is the map upon first load, the user will see the campus of McMaster University along with set icons like markers, indoor view, and the navigation bar. The user can click on any of them to interact with the map.

Markers

Markers are guides for the user to know where a location is located and to display the name of the building. The user will have to click on the marker, which will then display the building's name, then click off the marker for the label to

disappear.

Navigation Bar

The Navigation Bar is one of, if not the main way, for the user to interact with the map. Click inside the search bar to try and find something you wish to find. This search bar works with Yelp's API, meaning the user can search for any food or drink restaurants and it will put a marker on that location. You also can search for anything that is appended to College Maps Database.

Additionally, on the navigation bar is an imbedded menu to see what College Maps has to offer. The user can click on "Find" or "Locations".

In the "Find" section, the user can take full advantage of Yelp's API. To find anything that is in Yelp's Database near you, try clicking on the "Around Me" button which will mark everything around you on the map, the user may have to zoom out to see the markers that were set after clicking on "Around Me". The same concept applies for all other buttons under the "Find" section.

Lastly, in the Menu section of the navigation bar, the user can click on "Locations" which will show all the buildings and/or locations that are stored in Colleges Maps' database. If you wish to view or go to a location listed in the Database, the user must click on the desired location and the map will zoom to that location.

Indoor Exploration

If the user wishes to explore inside a building, they can view the building's floor plan of each floor to find or be navigated to a desired room by clicking on the building entrance icon.

Once the user clicks on the building entrance icon, they will be presented with a 3D rendered floor plan. The user can change the viewed floor by using the slider on the left side under the navigation bar. Click on the circle and drag it up or down to change the floor. If the user wishes to exit the indoor building view, then click on the arrow pointing to the right button above the slider.
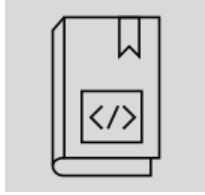

Indoor Routing

Indoor viewing is limited to public buildings only and McMaster is not a public building. To list McMaster as a public building, you have to have a paid version of the WRLD API.

User's Manual Page

This is what you are viewing now. The user's manual purpose is to inform the user what College Maps is and how to use the site in detail.

Systems Manual Page

The purpose of the systems manual is to inform the user of details such as software requirements, explanation of any errors they may encounter and contact information. It can also be useful for future developers to refer to this document and build off of what is presented. The way the user would navigate to the systems manual is by clicking the "Systems Manual" tab in the top right corner of the site.