## Where2Next User Interface

1. User searches "UTD Engineering and Computer Science Building South"

2. Once the object is returned, it is rendered to the user via the user interface.

**Requests**
**Search of UTD ECSS**

**Responds**
**Final object containing all necessary information**

## Where2Next Logic/Functional Layer

1. Calls search(UTD ECSS) function

2. Once associated data is returned, search function concatenates data into a single object

**Requests**
**Tag Data and User History associated with the location**

**Responds**
**Location's Address, Closing Time, Directions, Associated Tags, and User History**

## Where2Next Database

1. Pulls appropriate Tags and User History Data

**Requests**
**Google Maps data of the location such as Address, Closing TIme, Directions**

**Responds**
**Location's Address, Closing Time, Directions**

## Google Maps Interface

1. Where2Next searches Google Maps with the selected location

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Output:

Engineering and Computer Science Building South, Richardson, TX 75080

**Tags:** "Studios" "Lively" "Sociable" "Quiet Areas"

**History:**
You have visted this place 23 times in the past month and have had positive and fun expereinces.