

CPSC 471 Group 64 API Endpoints

Endpoint 1:

Description: Registers a buyer into the system.

URL: localhost/register.php

Method: POST

Input: [{

“First_Name”: string

“Last_Name”: string

“Email”: string

“Password”: string

}]

Output: none.

Endpoint 2:

Description: Registers a seller into the system.

URL: localhost/register.php

Method: POST

Input: [{

“First_Name”: string

“Last_Name”: string

“Email”: string

“Password”: string

}]

Output: none.

Endpoint 3:

Description: Registers a real estate agent into the system.

URL: localhost/register.php

Method: POST

Input: [{

“First_Name”: string

“Last_Name”: string

“Agent_ID”: string

“Association”: string

“Email”: string

“Contact_No”: string

}]

Output: none.

Endpoint 4:

Description: Log a user into the system.

URL: localhost/login.php

Method: GET

Input: [{

“Email”: string

“Password”: string

}]

Output: localhost/home.php (the appropriate home screen for the user)

Endpoint 5:

Description: Get a set of house listings that satisfy the given search parameters.

URL: localhost/browse.php

Method: GET

Input: [{

“Structure_Type”: string

“Price_Range”: string

“Neighbourhood”: string

“City”: string

“Zip_Code”: string

“Num_Baths”: int

“Num_Beds”: int

}]

Output: a set of houses of the form [{

“Listing_ID”: string

“Description”: string

“Address”: string

“Neighbourhood”: string

“City”: string

“Zip_Code”: string

“Seller_Name”: string

“Price”: string

“Num_Baths”: int

“Num_Beds”: int

“Structure_Type”: string

}]

Endpoint 6:

Description: Create new property / house listing.

URL: localhost/list_property.php

Method: POST

Input: [{

“Listing_ID”: string

"Property_ID": string
"Description": string
"Address": string
"Neighbourhood": string
"City": string
"Zip_Code": string
"Status": string
"Estimated_Value": string
"Square_Footage": string
"Seller_Name": string
"Seller_Email": string
"Price": string
"Num_Baths": int
"Num_Beds": int
"Structure_Type": string
}]

Output: none.

Endpoint 7:

Description: Delete a house listing (once it has been bought).

URL: localhost/delete_property.php

Method: DELETE

Input: [{

"Listing_ID": string

}]

Output: none.

Endpoint 8:

Description: Register for an online meeting.

URL: localhost/register_meeting.php

Method: POST

Input: [{

"Meeting_ID": string

"Agent_Name": string

"Date": string

"Time": int

"B_Email": string

"Tour_ID": string

}]

Output: none.

Endpoint 9:

Description: Get the schedule for an online meeting for a house listing.

URL: localhost/meeting_schedule.php

Method: GET

Input: [{

“Meeting_ID”: string

“Duration”: int

“Date”: string

“Time”: int

}]

Output: localhost/schedule.php

Endpoint 10:

Description: Create a tour.

URL: localhost/book_tour.php

Method: POST

Input: [{

“Tour_ID”: string

“Property_ID”: string

“Duration”: string

“Agent_ID”: string

}]

Output: none.

Endpoint 11:

Description: Get status of specified property.

URL: localhost/get_status.php

Method: GET

Input: [{

“Property_ID”: string

}]

Output: Status

Endpoint 12:

Description: Update status of specified property.

URL: localhost/set_status.php

Method: PUT

Input: [{

“Property_ID”: string

“Status”: string

}]

Output: none.