FIND MUSEUMS APPLICATION

Asmaa Alaghbari (343C5)

Oana Cocoara (342C2)

Tung NGUYEN QUANG (342C5)
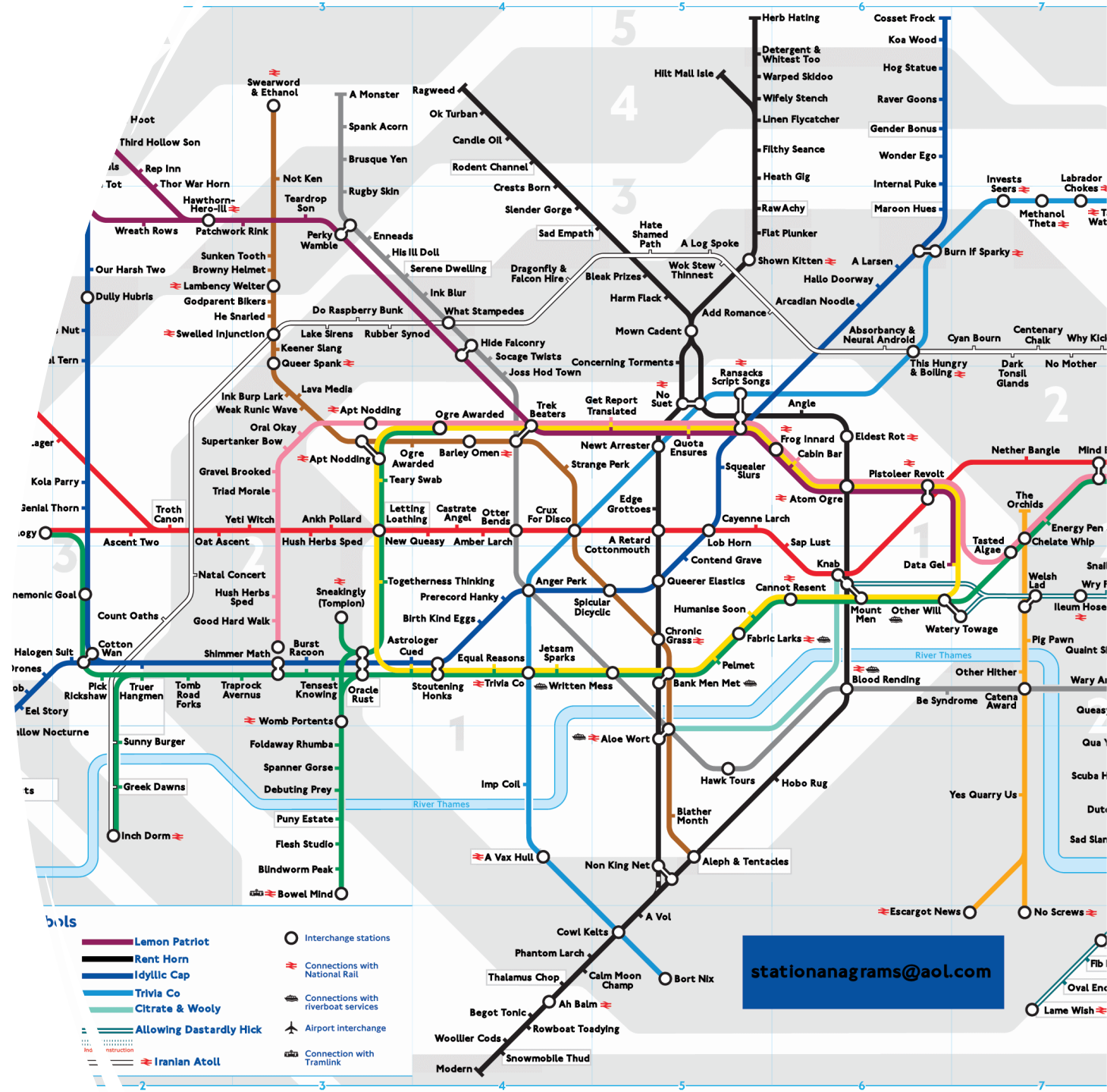
CONTEXT

Increasing the interest of locals and tourists for the cultural objectives of Bucharest.

PROBLEM

There are difficulties in locating and accessing information about museums in Bucharest.
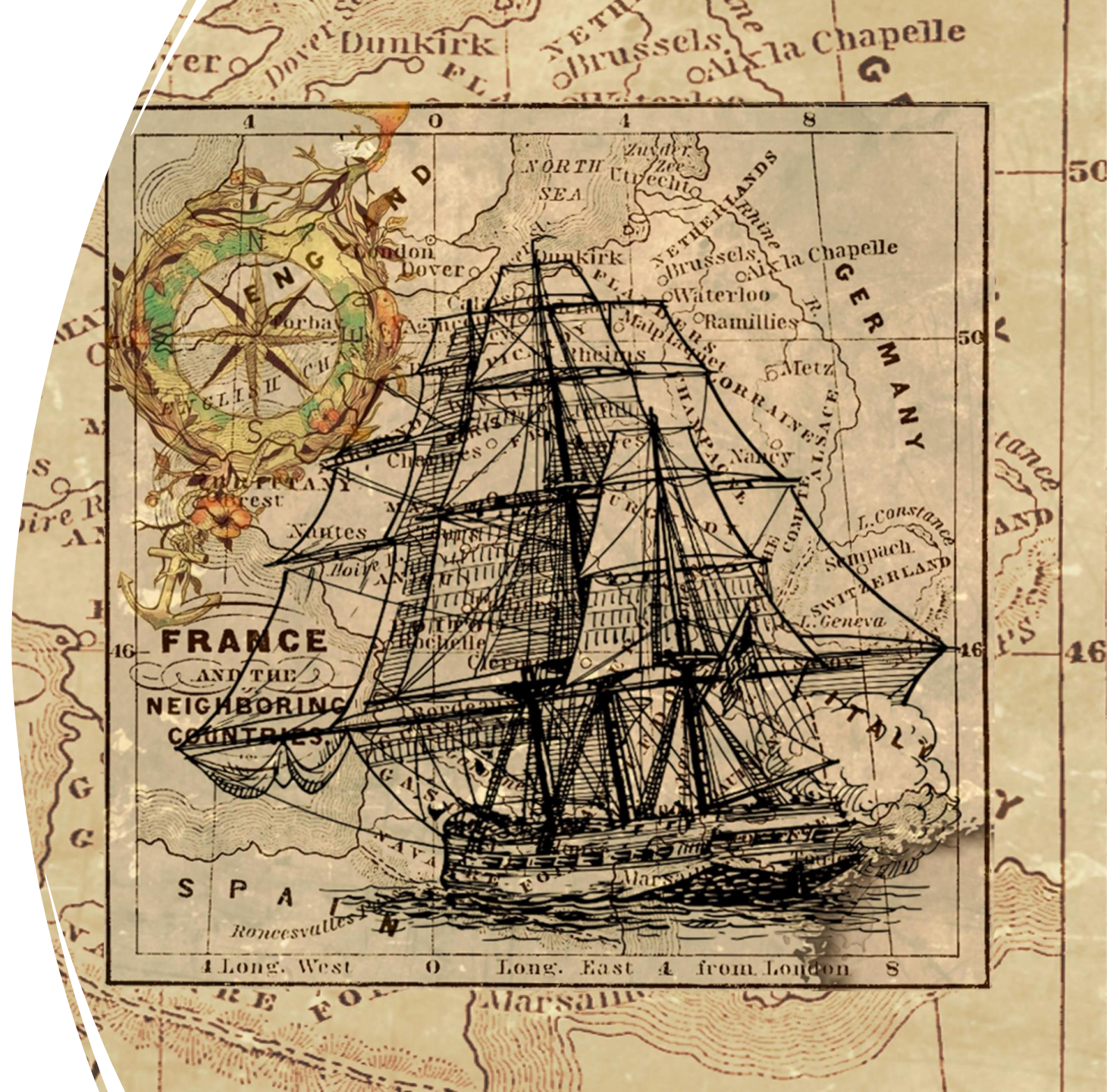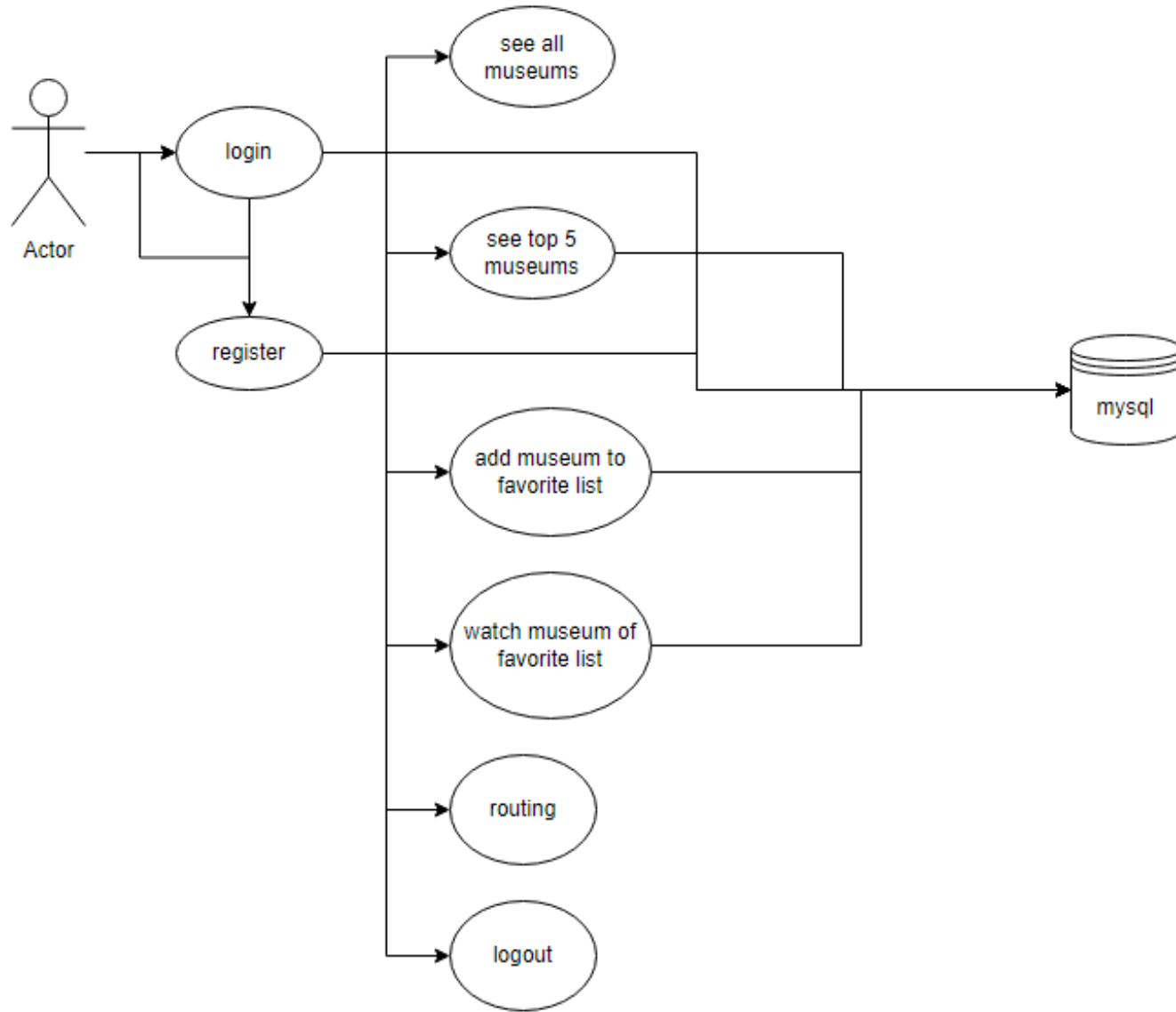
OBJECTS

Develop an application that effectively:

- Location of museums in Bucharest;

- Location of the five most popular museums

- Saving favorite museums for a user

- Find the optimal route

THE PROPOSED SOLUTION

An intuitive platform for locating and exploring museums in Bucharest.
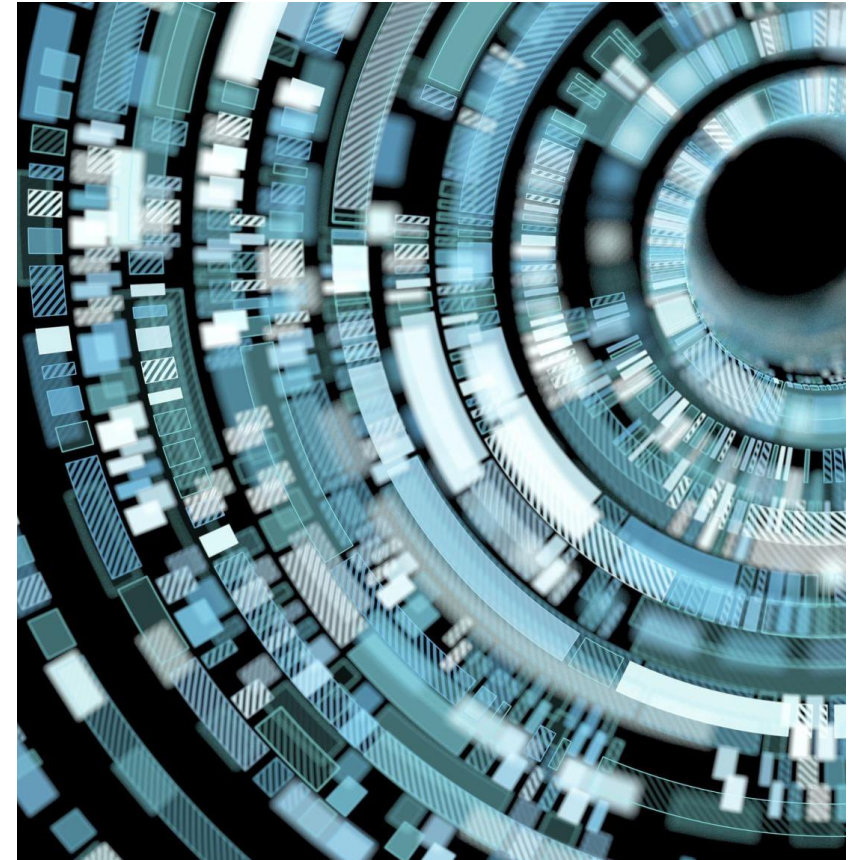
USE CASE DIAGRAM

TECHNOLOGY

- Front-end : React

- Back-end : Spring

- Database : MySQL

PROPOSED FUNCTIONALITIES

- Registry operation

- The login operation

- The operation to find the museums in Bucharest

- The operation to find the five most popular museums

- Route finding operation for a specific museum

- The operation of adding a museum to the list of favorites (per user)

- The operation of displaying museums from the list of favorites (per user)

THE TEAM - DETAILS OF THE CONTRIBUTIONS

- Asmaa – Design Login Page, Register Page, orient user-friendly

- Oana – Implement ARCGIS features (FeatureLayer, GraphicsLayer, 2 advance ARCGIS services)

- Tung – All Backend work, testing, (design back-end and database)

PRODUCT ROADMAP

PRODUCT ROADMAP

Teams	WEEK 1	WEEK 2	WEEK 3	WEEK 4
Asmaa	Design Login and Register			Testing the app
Oana			Implementing ARCGIS features	Testing the app
Tung		Backend and DB		Testing the app

RESULTS – RELEVANT SCREENSHOTS

LOGIN PAGE

MUSEUM MAP - LOGIN

Please enter your username and password to login!

Username

Password

Login

Don't have an account?

Register

MUSEUM MAP - SIGN UP

Please enter your username and password to sign up!

Username
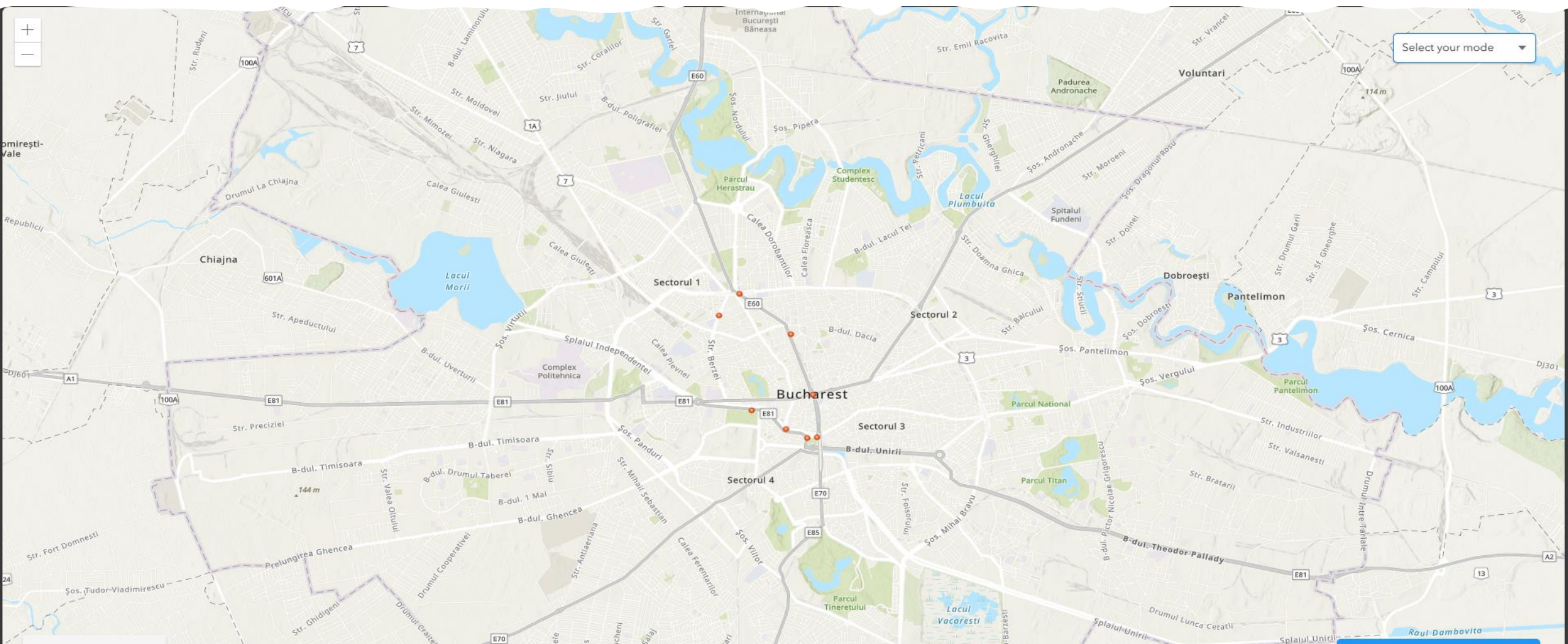
Password

Sign Up

Already have an account?
Login

REGISTER PAGE

MAP PAGE

List of Museums

All Museums

Muzeul National de Arta1	Muzeul National de Arta
Muzeul Theodor Aman	Galeria de Arta Alexandra's
Muzeul de Arta Populara	Muzeul Ceramicii si Sticlei
Muzeul Gheorghe Tattarescu	Muzeul Colectilor de Arta
Muzeul Municipiului Bucuresti	Muzeul de Istorie Bucuresti
Muzeul Literaturii Romane	Muzeul Nat. Al Literaturii Romane
Fundatia Catharsis Art	Muzeul National de Istorie
Muzeul de Arta	Galaria Contrast
Elite Art Gallery	Palatul Voievodal Curtea Veche
Galeria Mica	Muzeul National George Enescu
Muzeul National Arta	

Muzeul National Arta
Contemporana

Cacilia si Frederik Storck

Muzeul Theodor Pallady

Muzeul

Muzeul Holocaustului

My Museums

Muzeul Ceramicii si Sticlei ✕

Palatul Voievodal Curtea Veche ✕

Galeria Mica ✕

Muzeul National Arta
Contemporana ✕

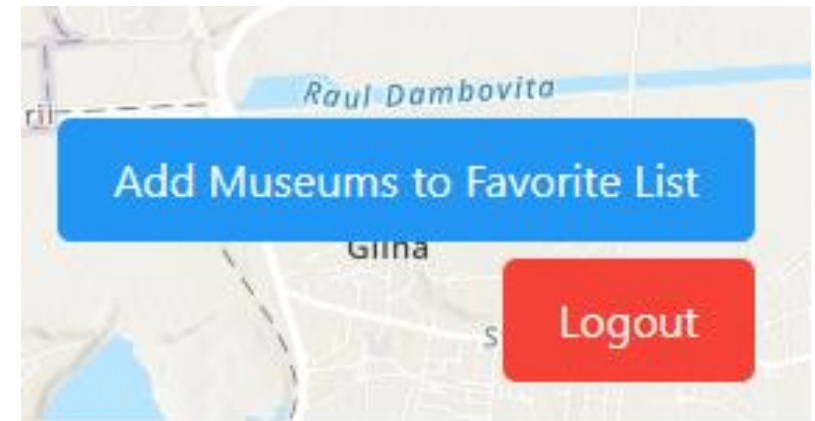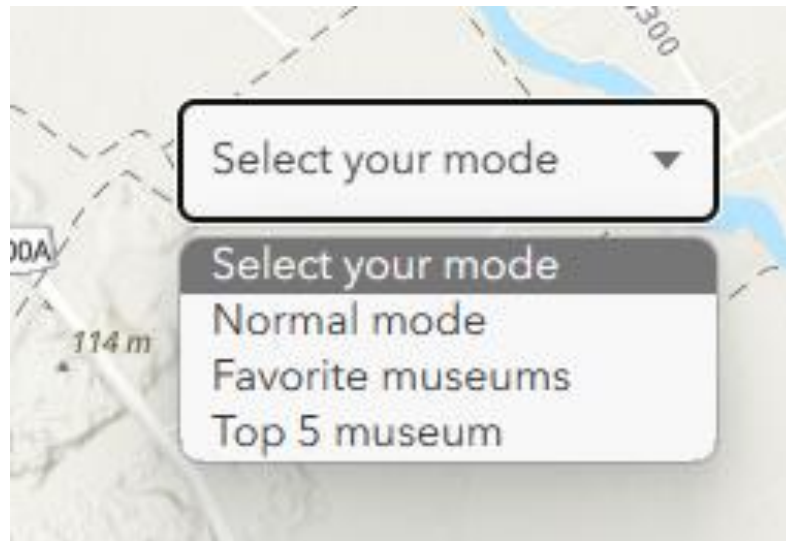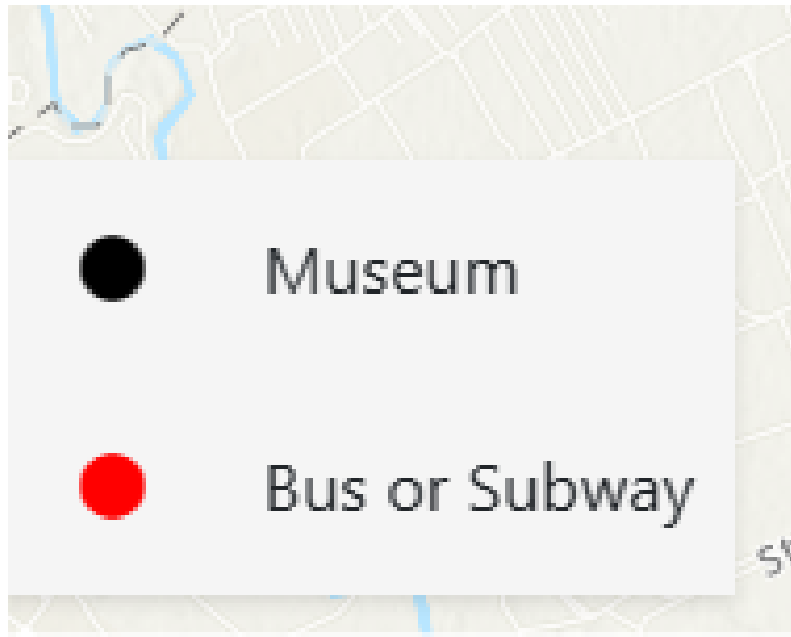Cacilia si Frederik Storck ✕
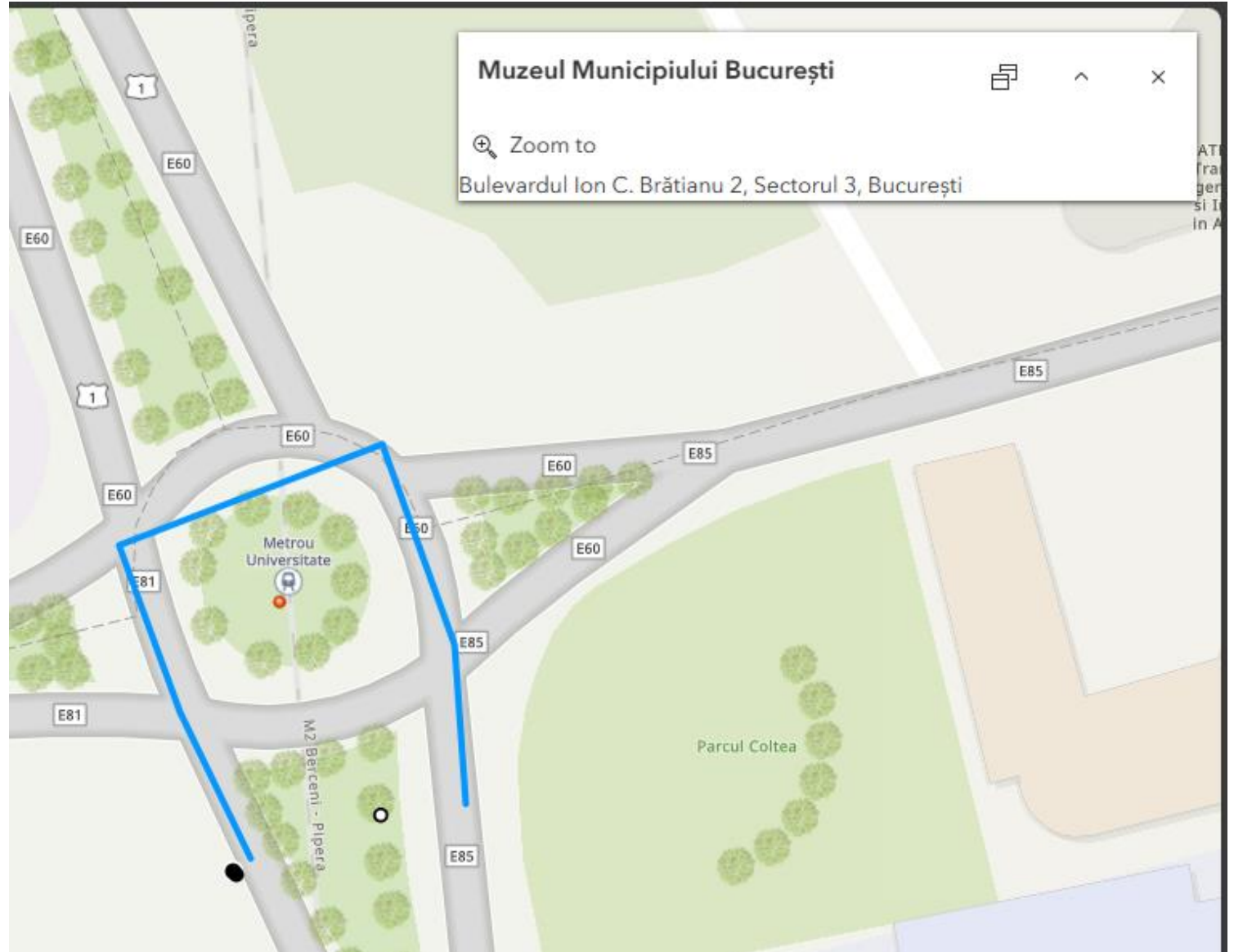
Muzeul Theodor Pallady ✕

Muzeul Holocaustului ✕

Update Results

LIST OF FAVORITE MUSEUMS

FEATURES

Museum

Bus or Subway

Select your mode

Select your mode
Normal mode
Favorite museums
Top 5 museum

Add Museums to Favorite List

Logout

ROUTE

CONCLUSIONS

The application meets the practical need of users:

- Provides quick details about each museum (such as location)

- It offers a user-friendly interface – so that he can access relevant information as easily as possible

PROSPECTS FOR FURTHER USE

- Integration of the payment method of the application

- Extension of the application to locate museums in other cities

- Enhancing app security to protect user data

- Creation of a new feature through which the user can use the chatbot