

CSE 326: Report

Project: Visit Bangladesh

Section: B2

Group no: 02

L3-T2

Group Members:

Zarin Tasnim (1805071)

Fazle Alahi Mukim (1805083)

Prangon Chakraborty (1805085)

Sk Ruhul Azgor (1805091)

Md. Anowar Sharif Iqra (18050108)

Arif Faisal (18050118)

Date of Submission: 03 March, 2023

Motivation

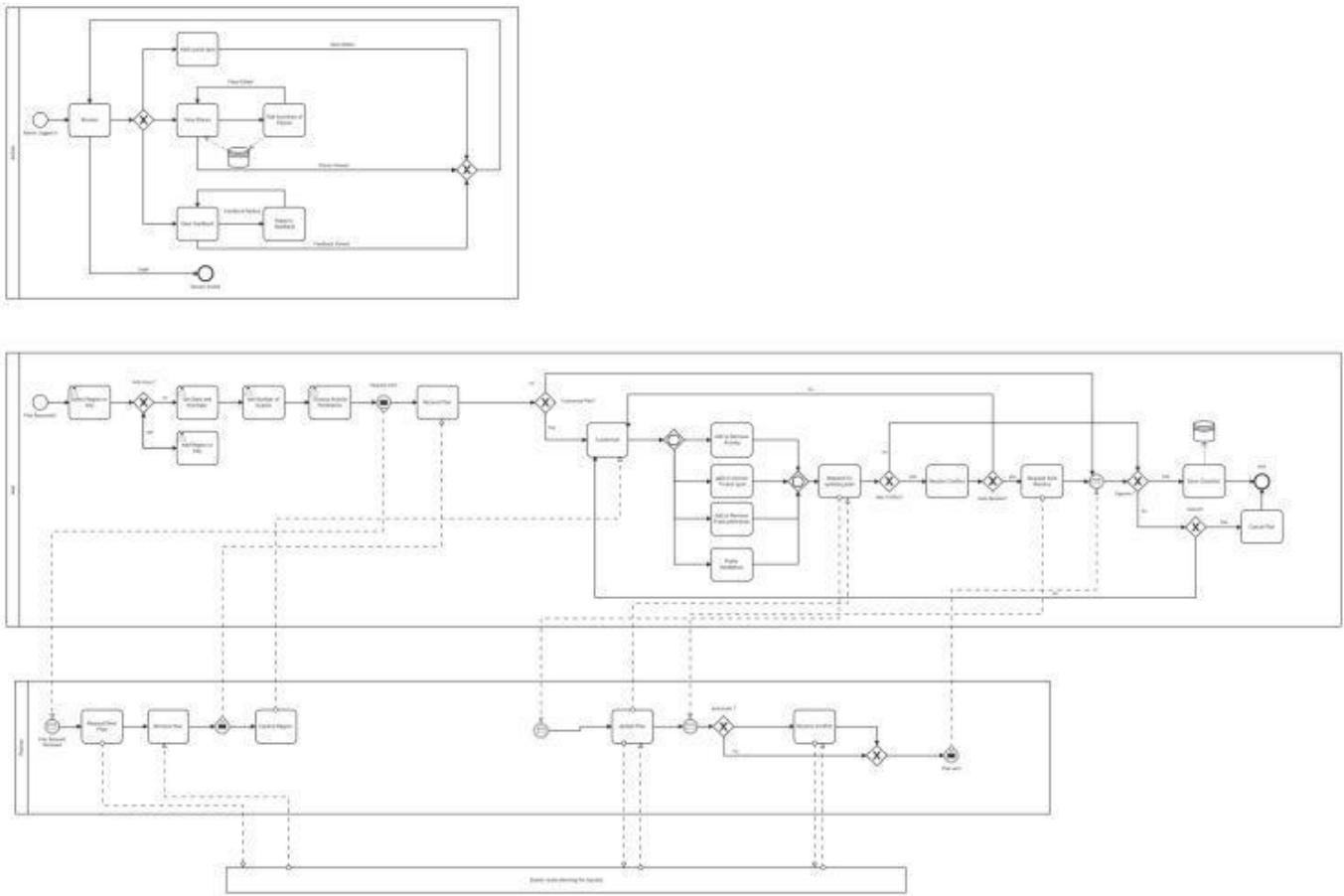
- Customers can make their own tour plans and according to activities, regions as well as use the default packages.
- Contribution to the tourism industry.

Introduction

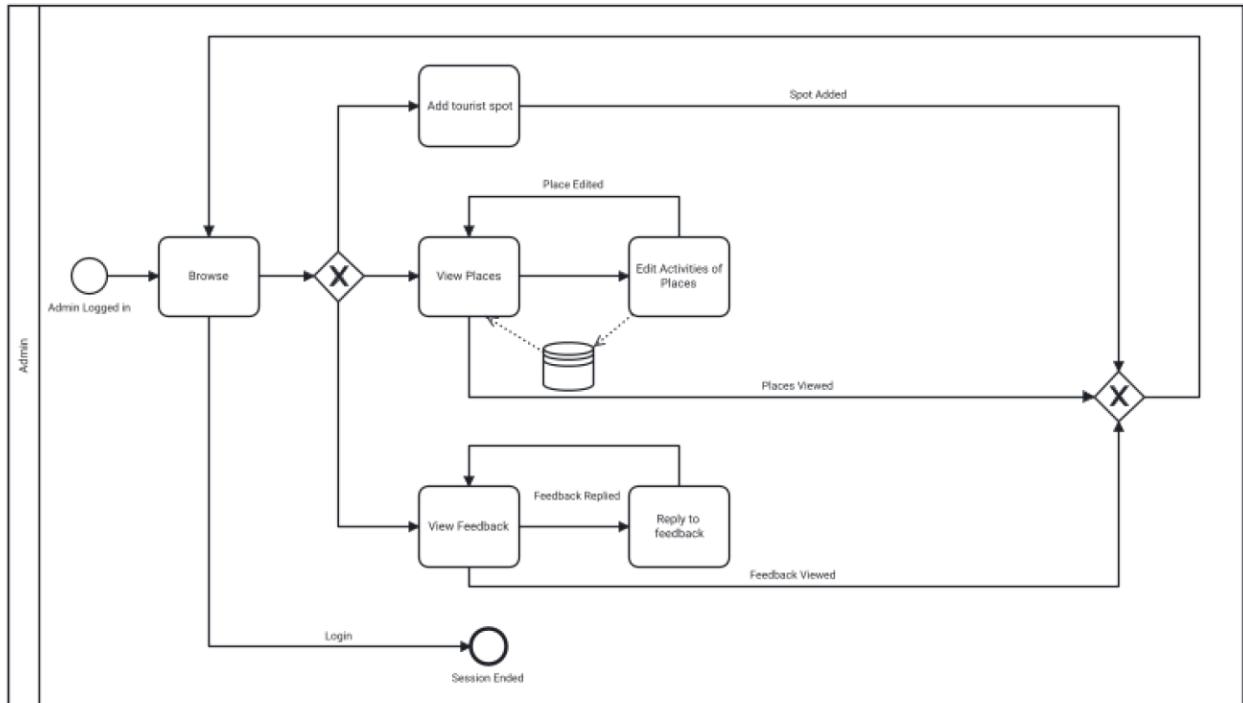
Visit Bangladesh is an online forum that brings everything about traveling at your fingertips. Using this platform, travelers all over the world can make their travel plans in Bangladesh, share their experiences, seek necessary information, and group up with people of shared interest to have an amazing traveling experience.

Requirement Analysis using BPMN diagram

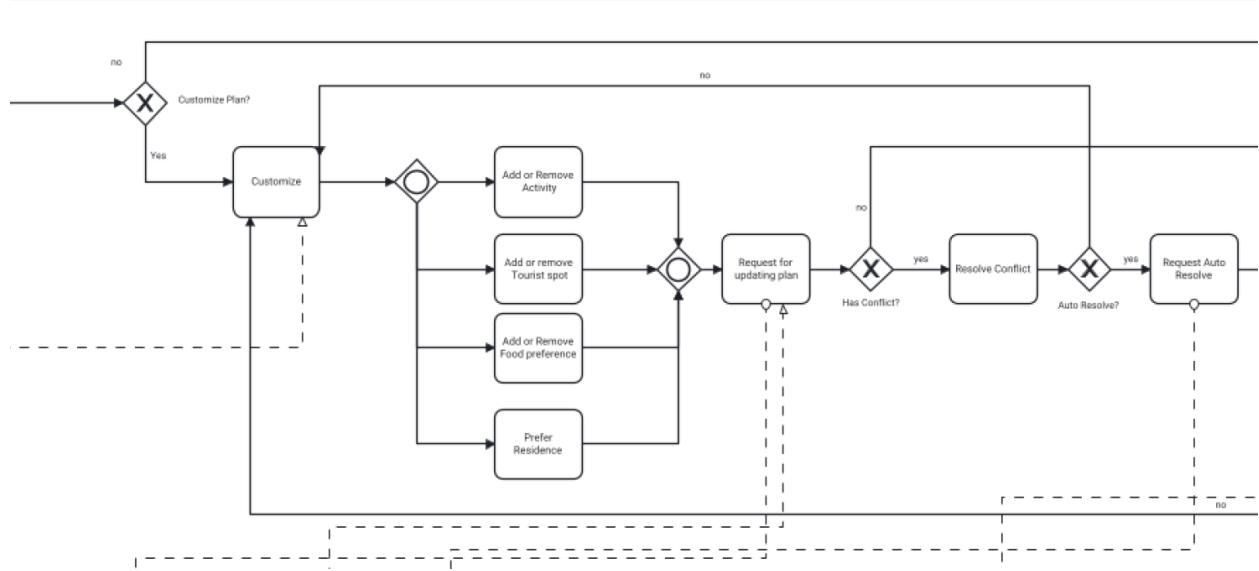
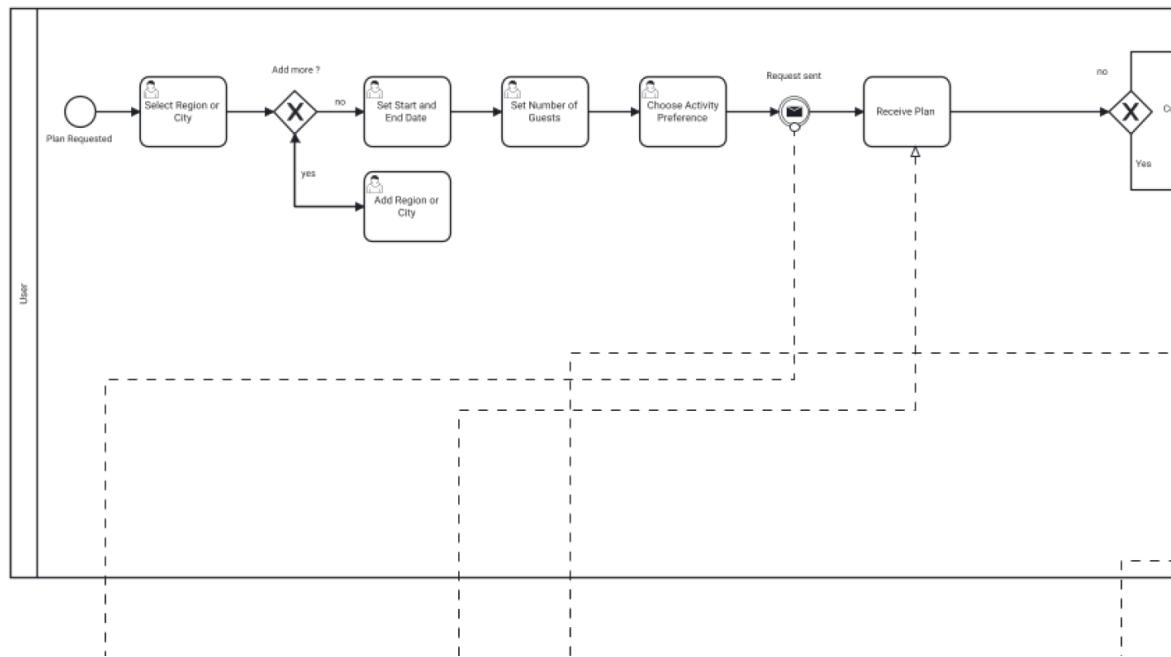
The whole BPMN diagram:

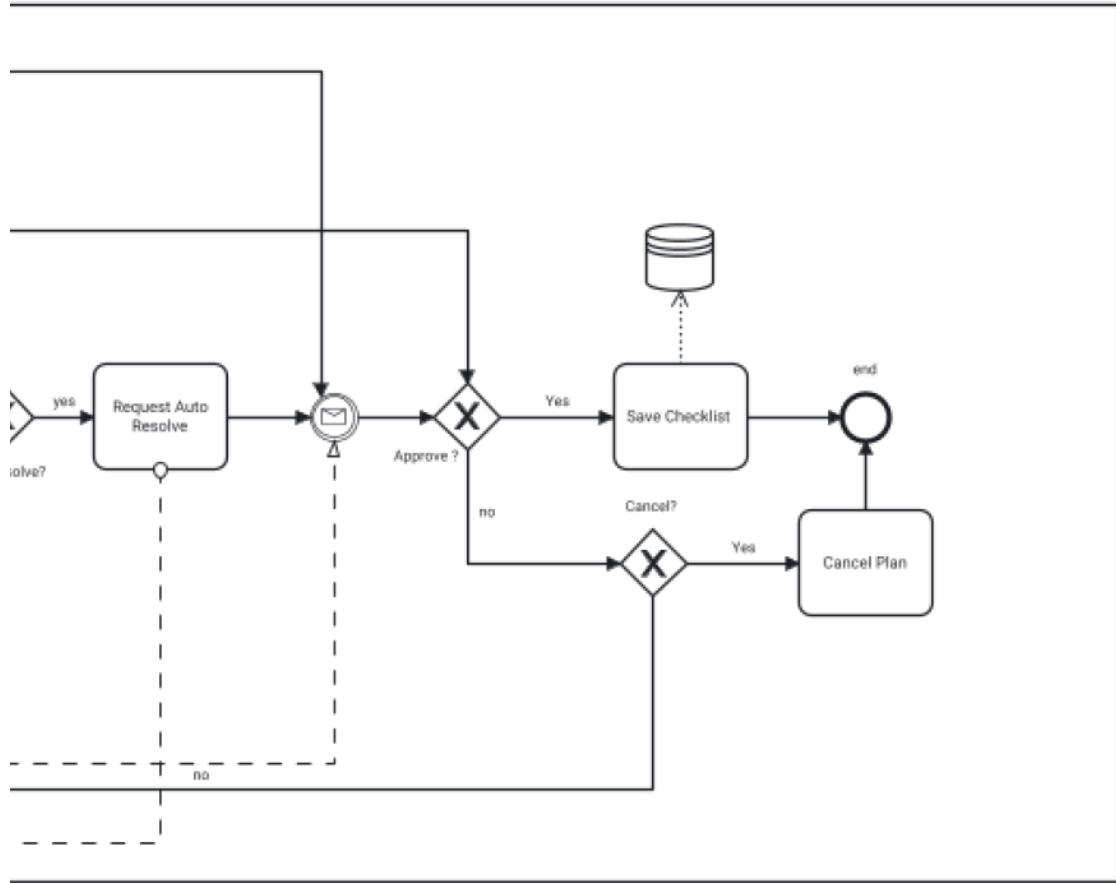


Admin:

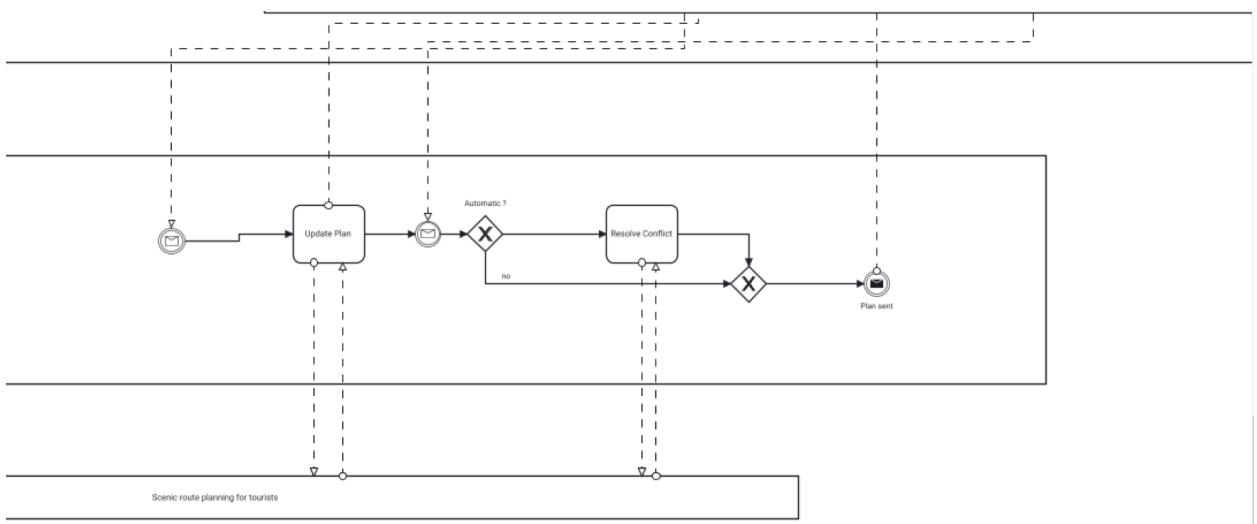
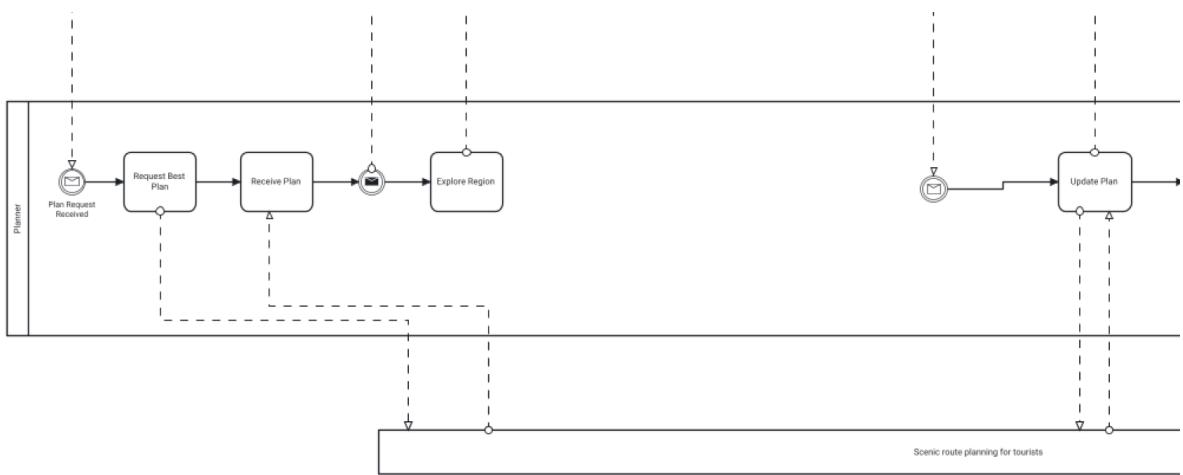


User:



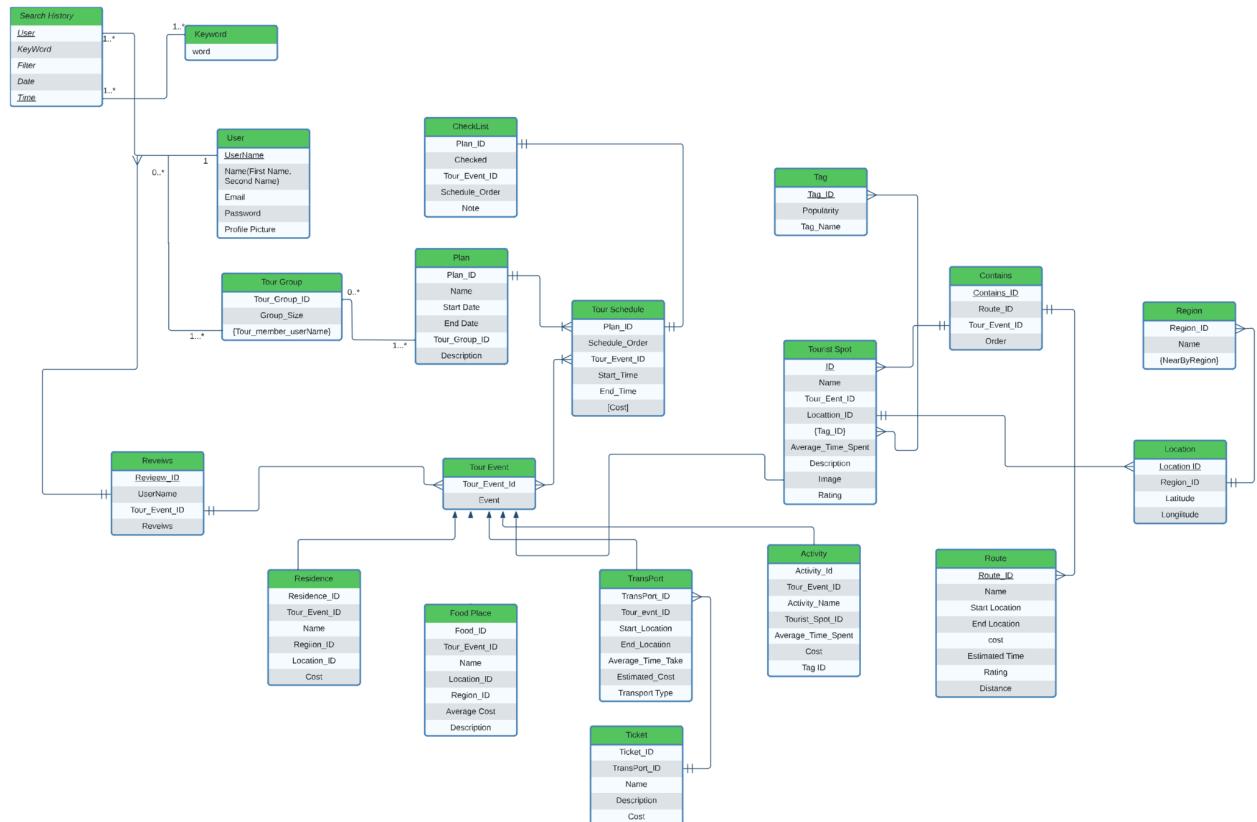


Planner:



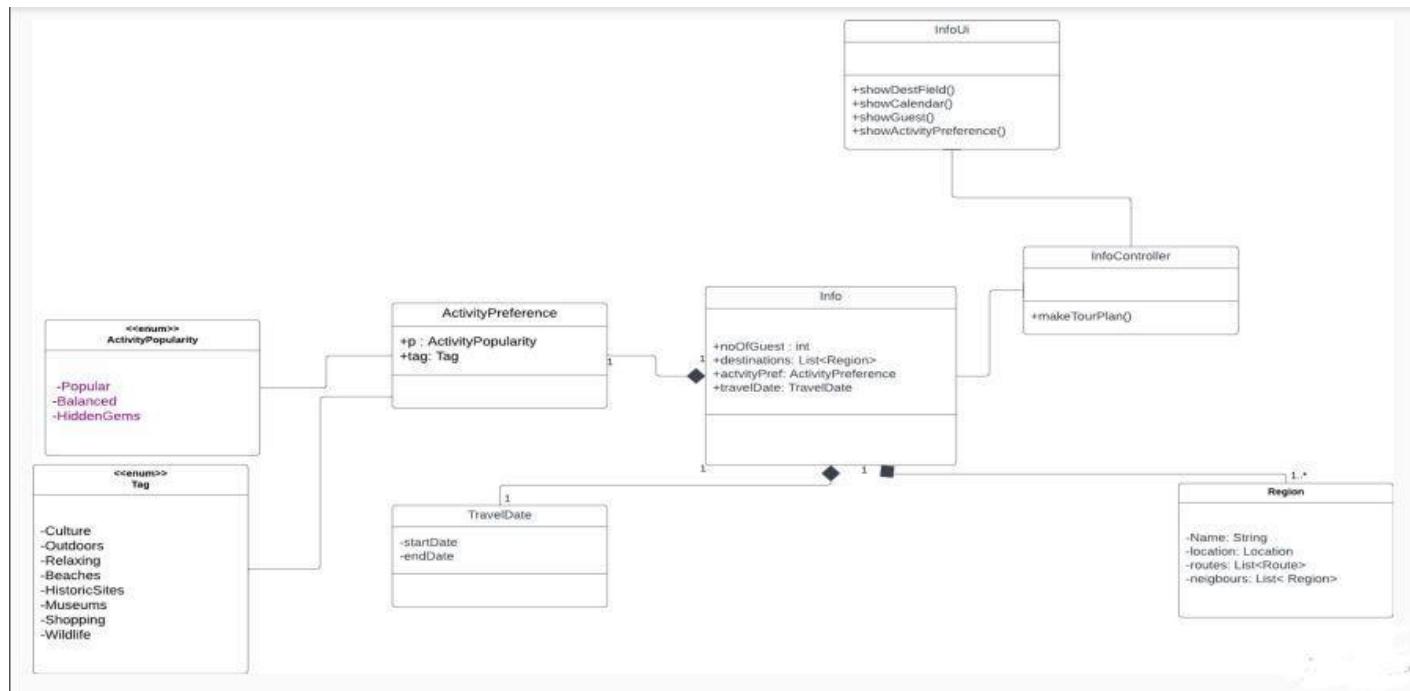
ER Diagrams

Full ER diagram:

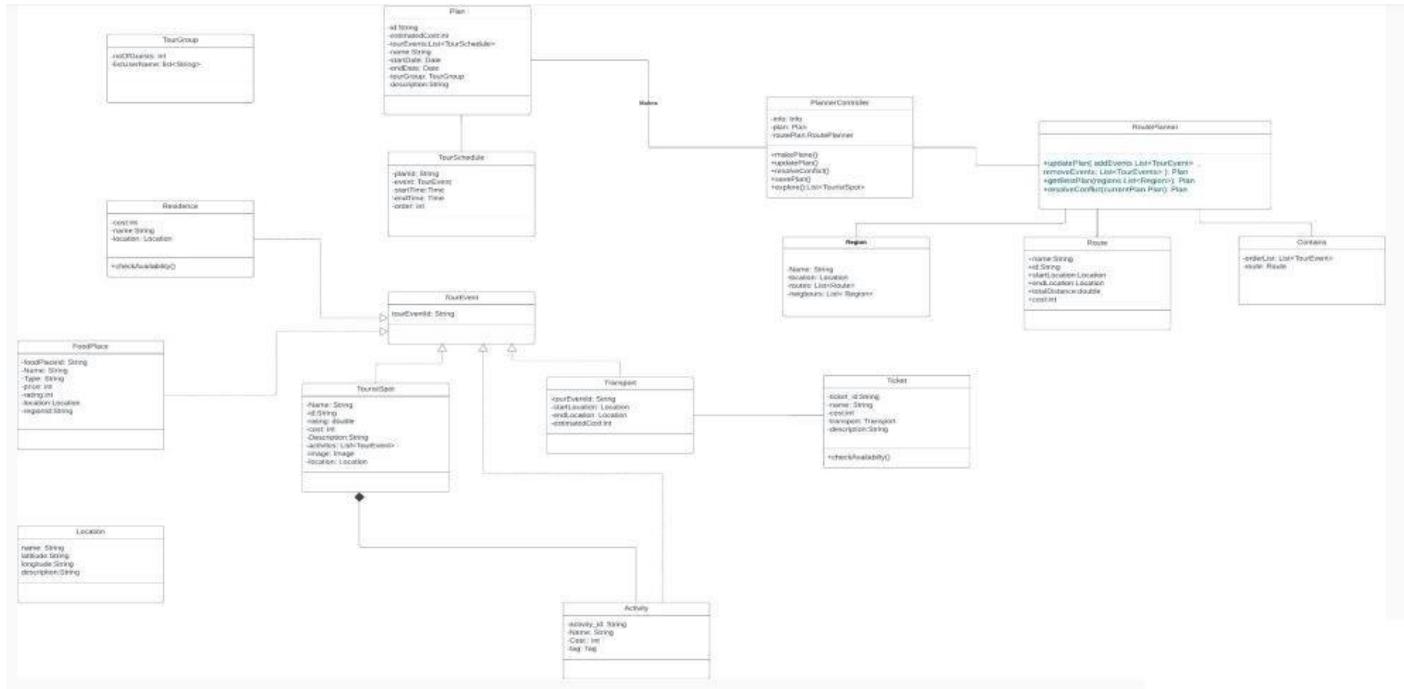


Class Diagrams

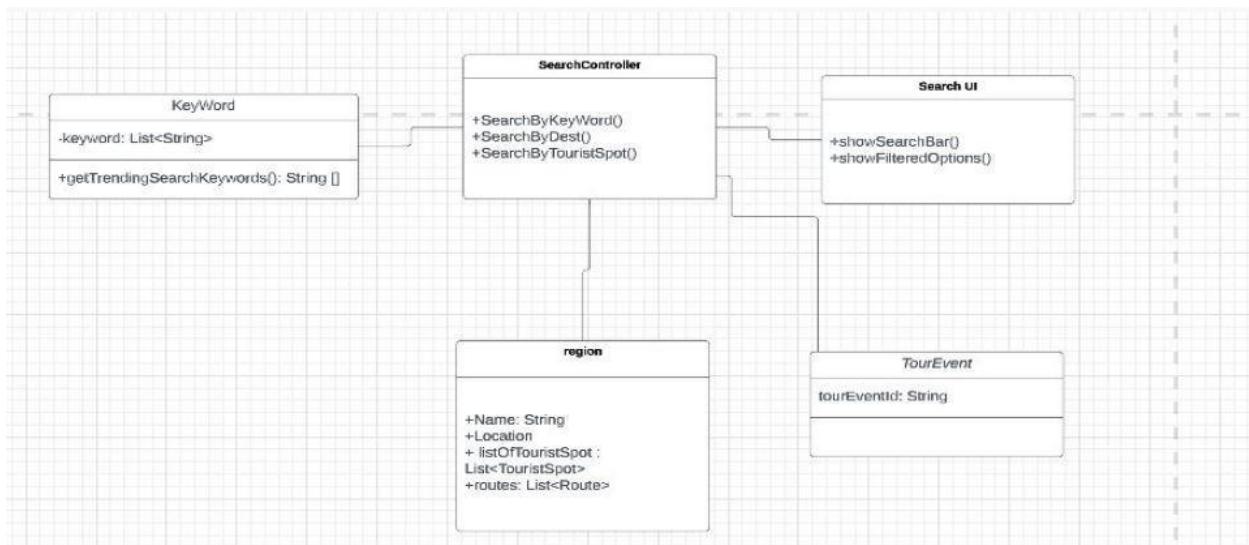
Info:



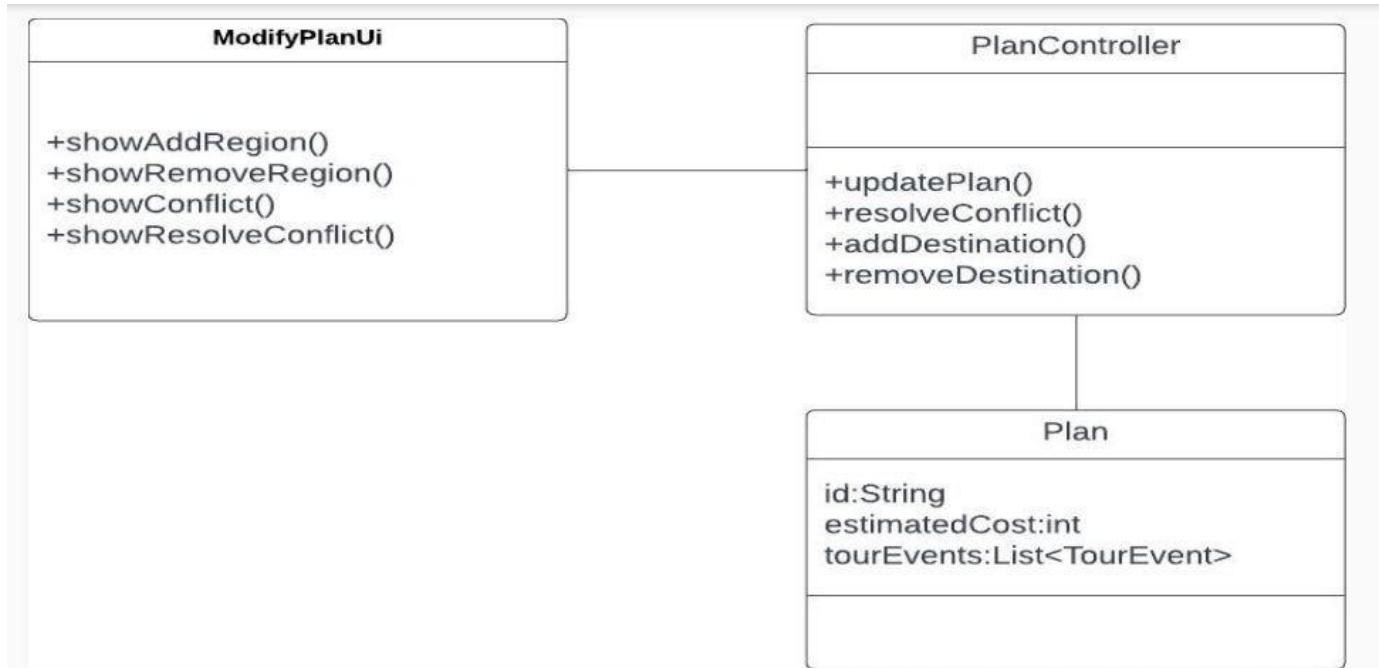
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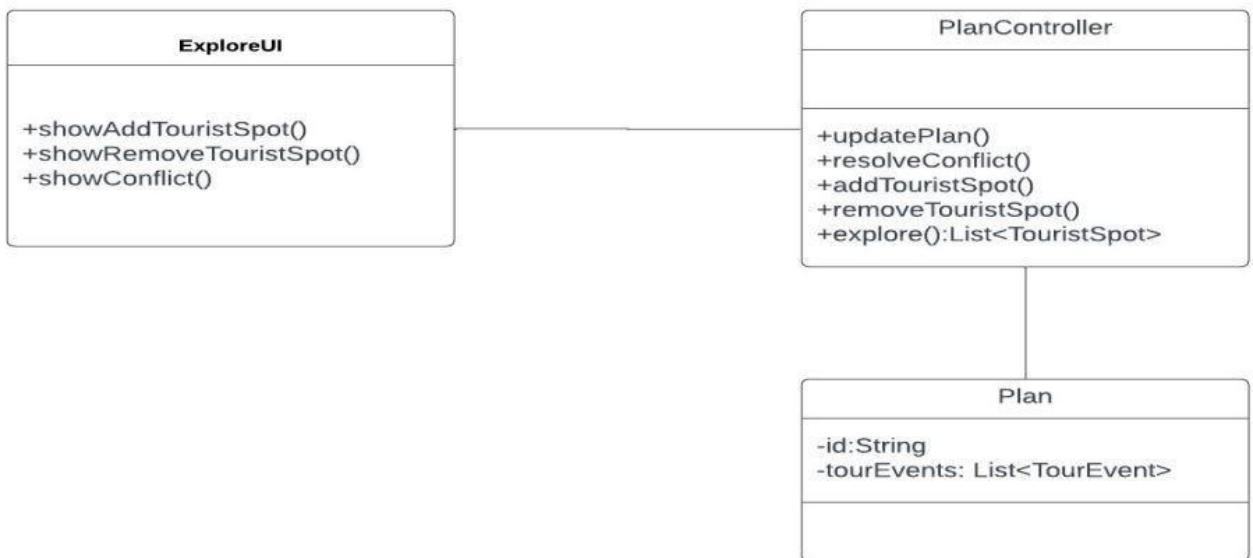
Search:



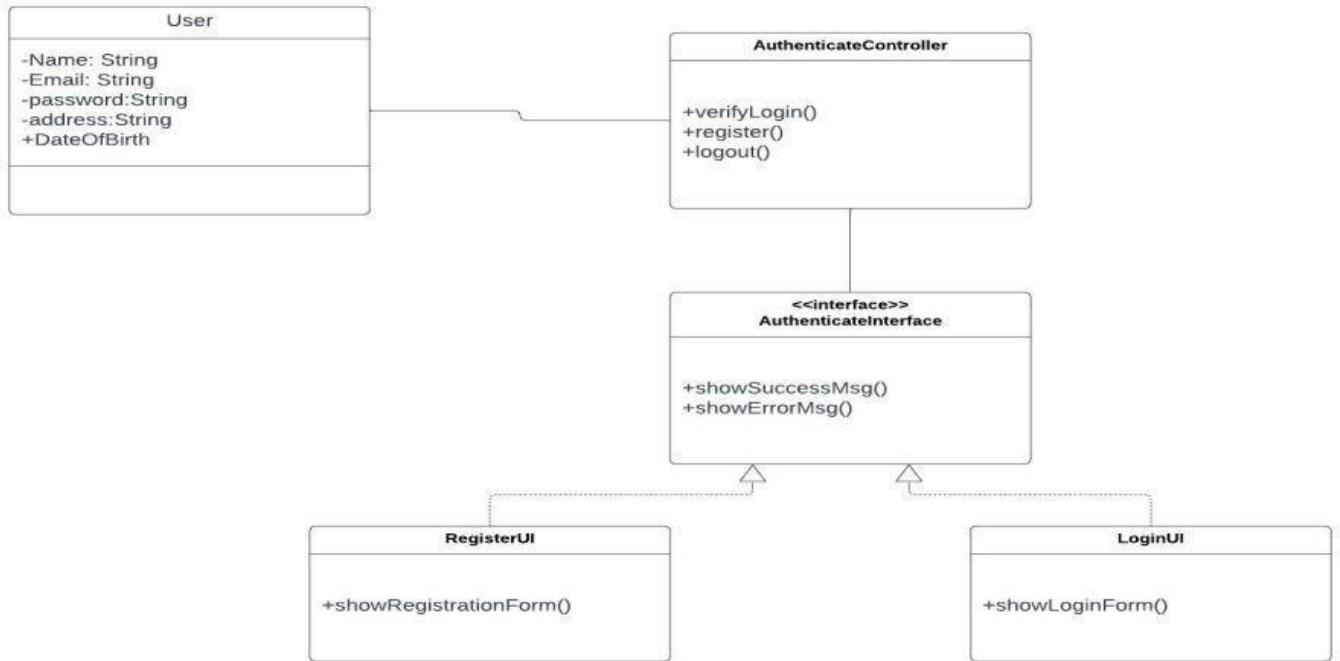
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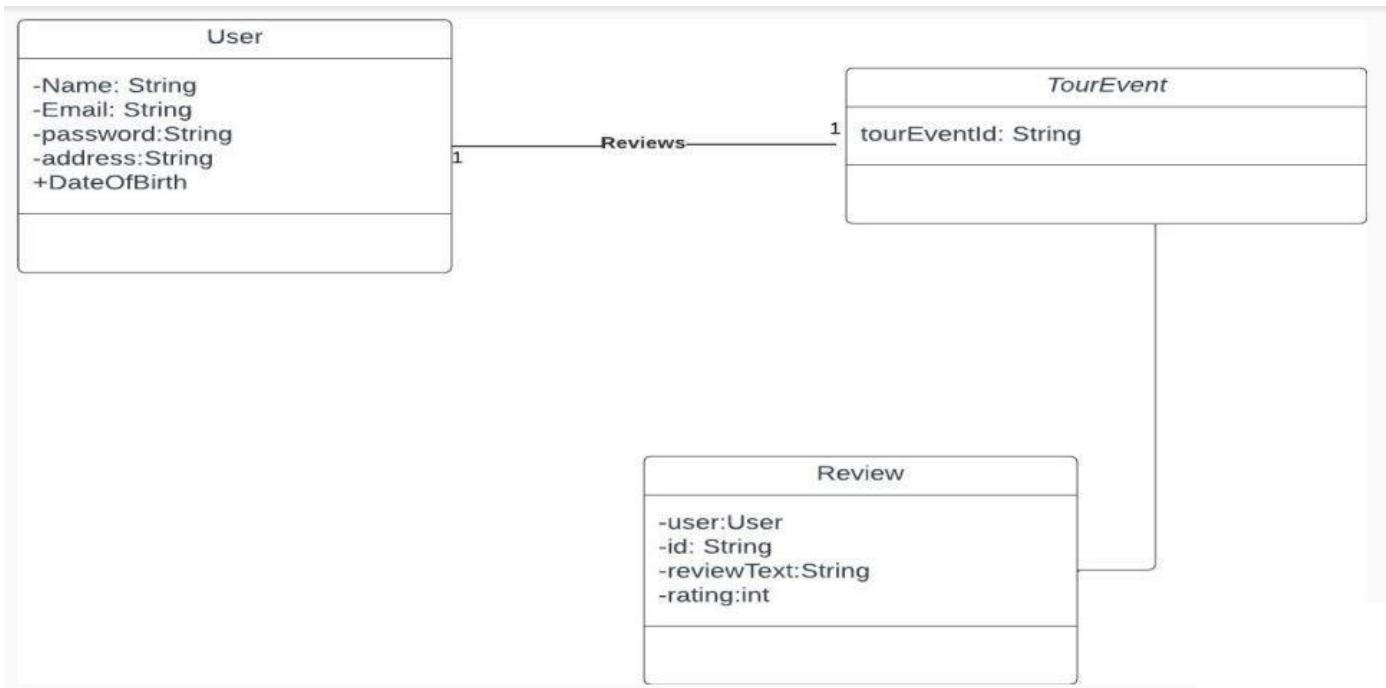
Explore:



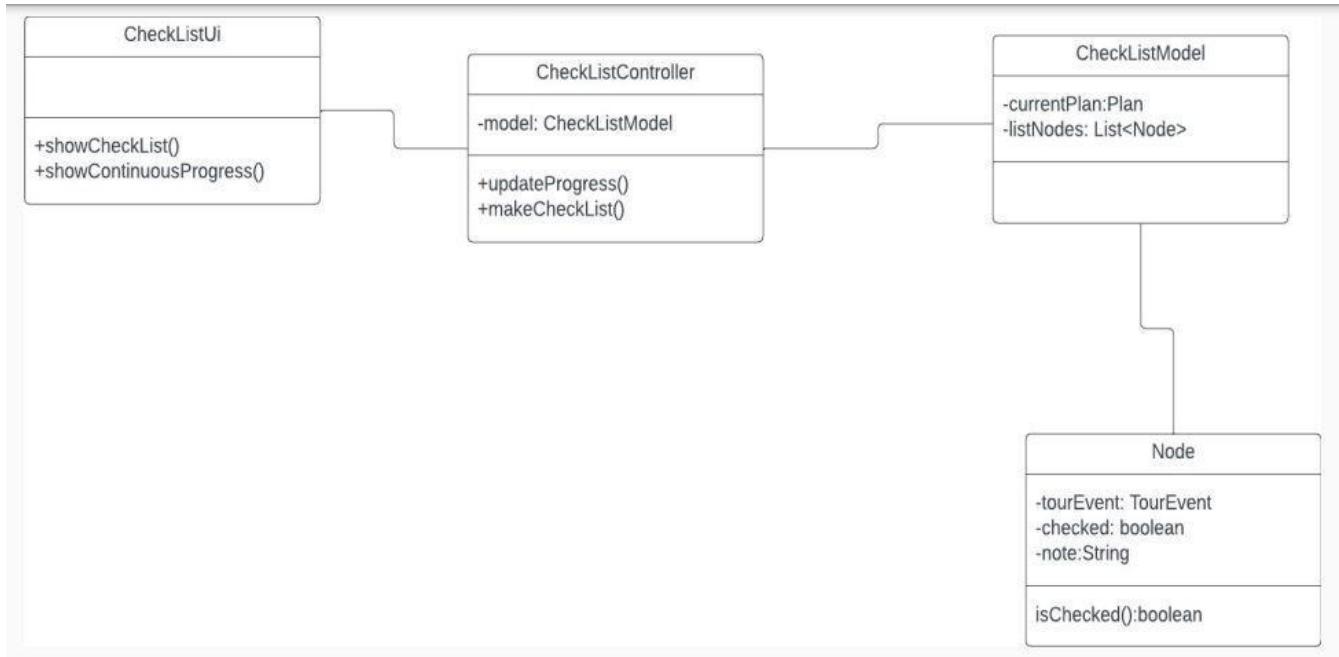
User Log In:



Review:

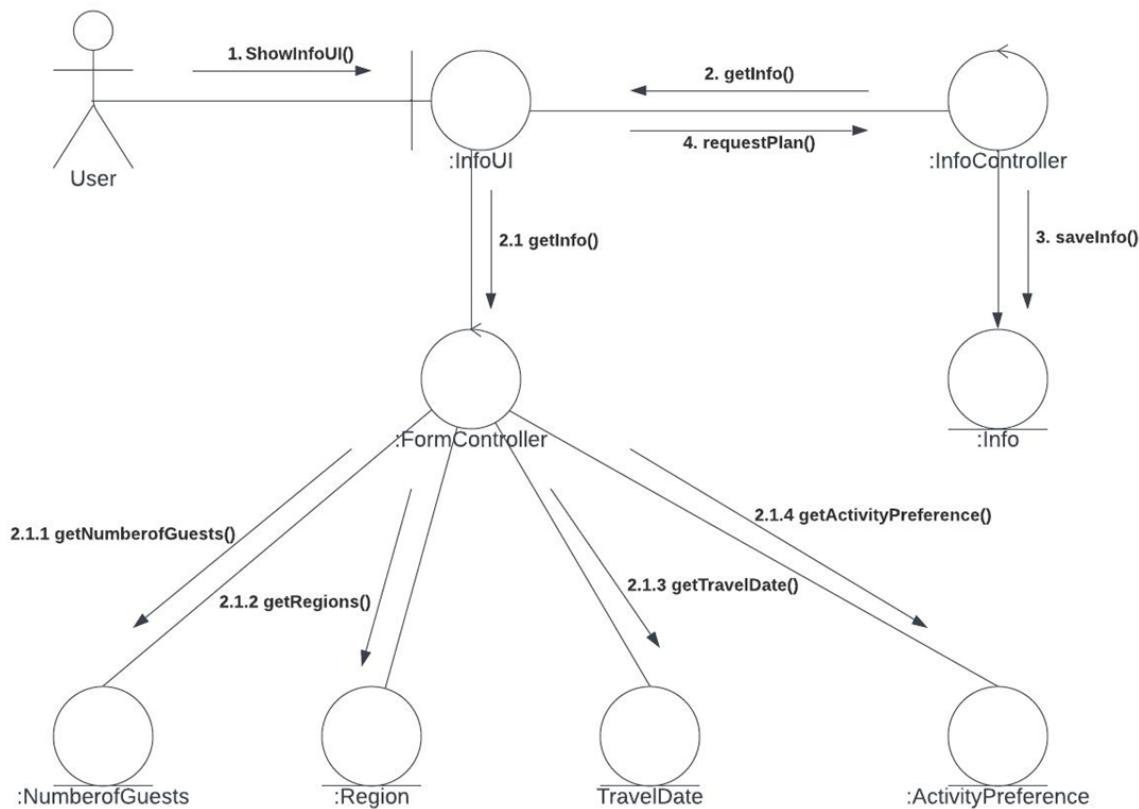


Checklist:

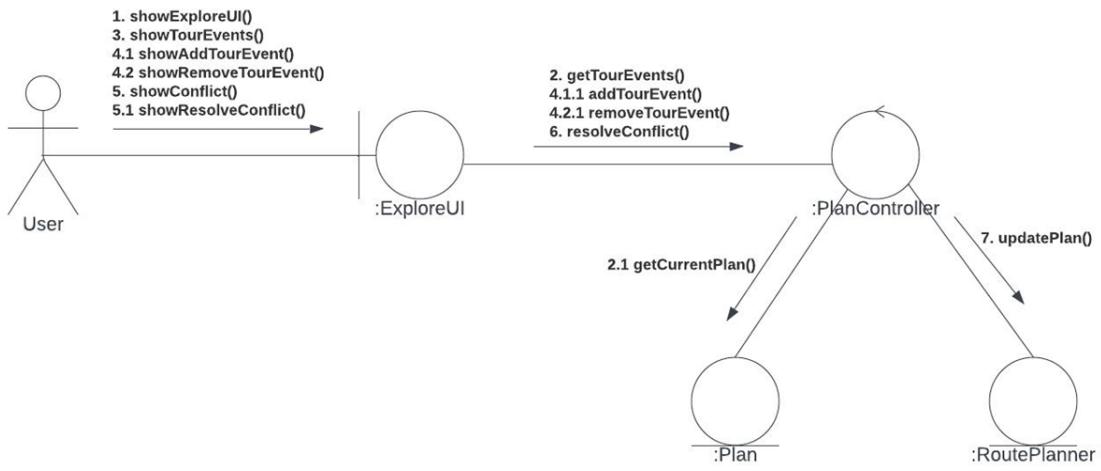


Collaboration Diagrams

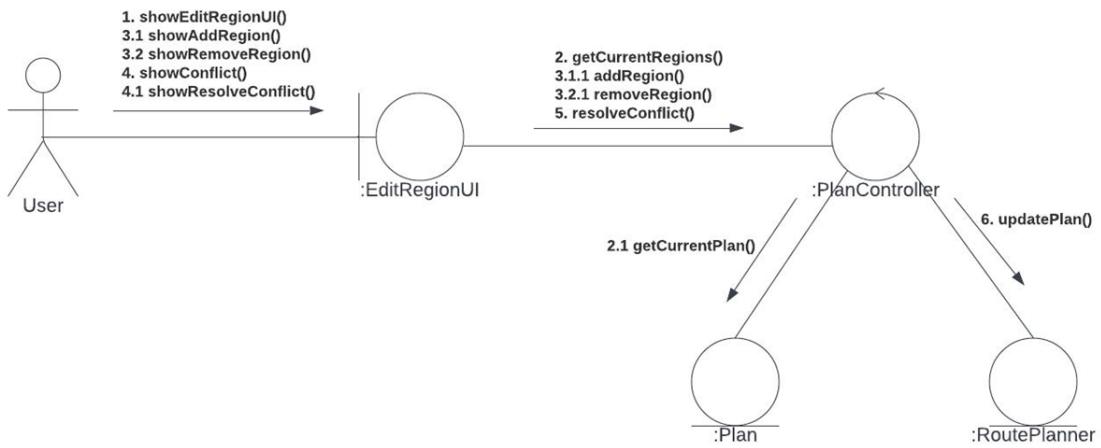
InfoUI:



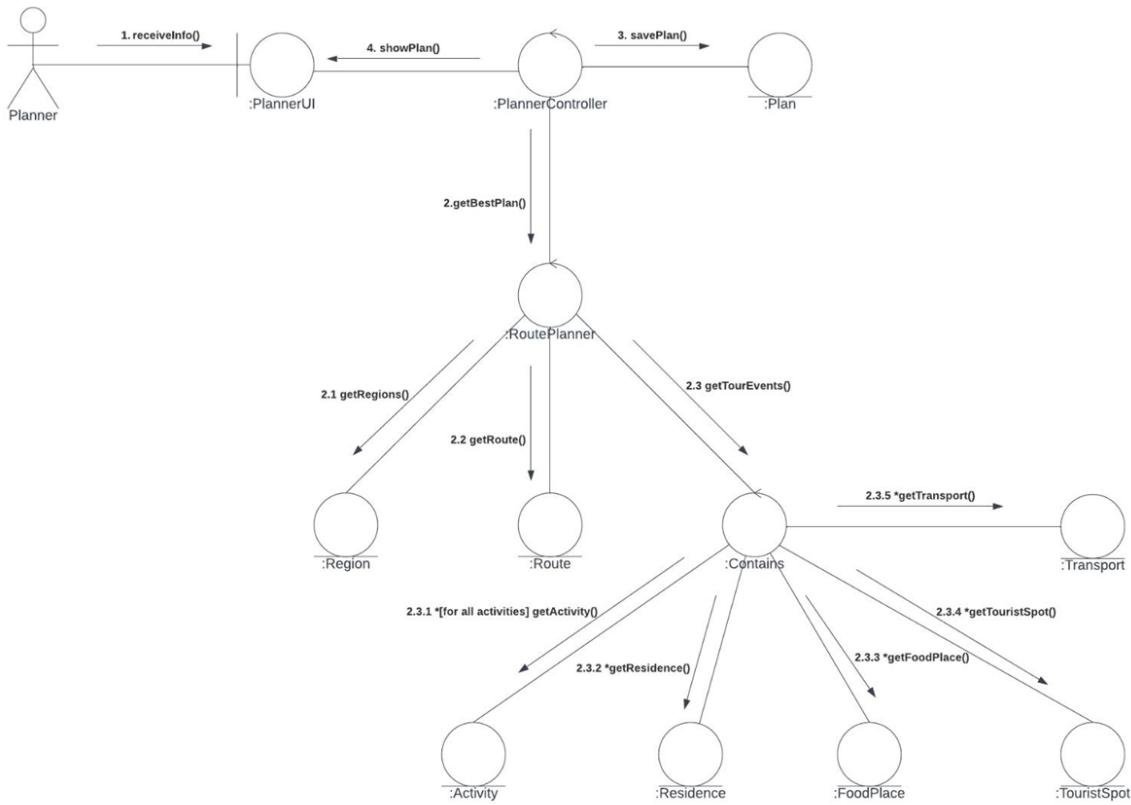
ExploreUI:



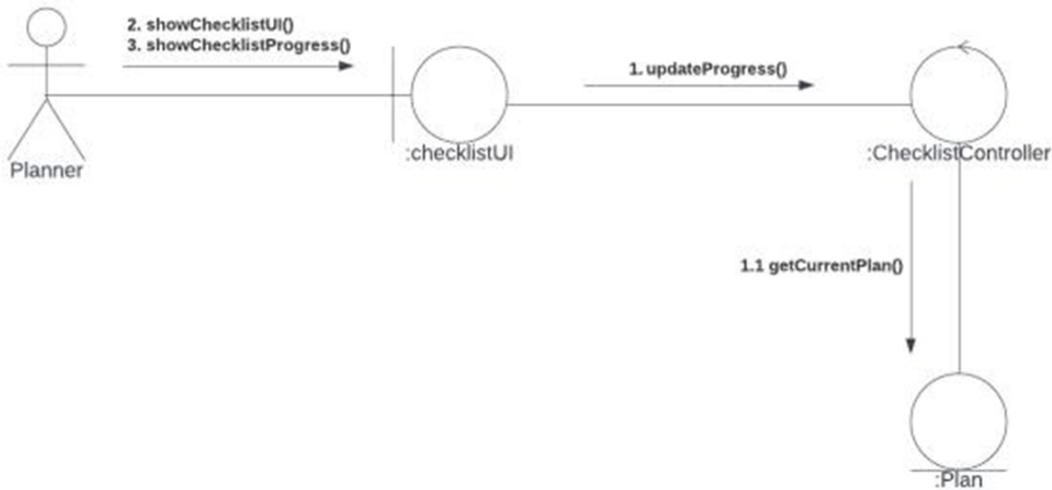
ModifyUI:



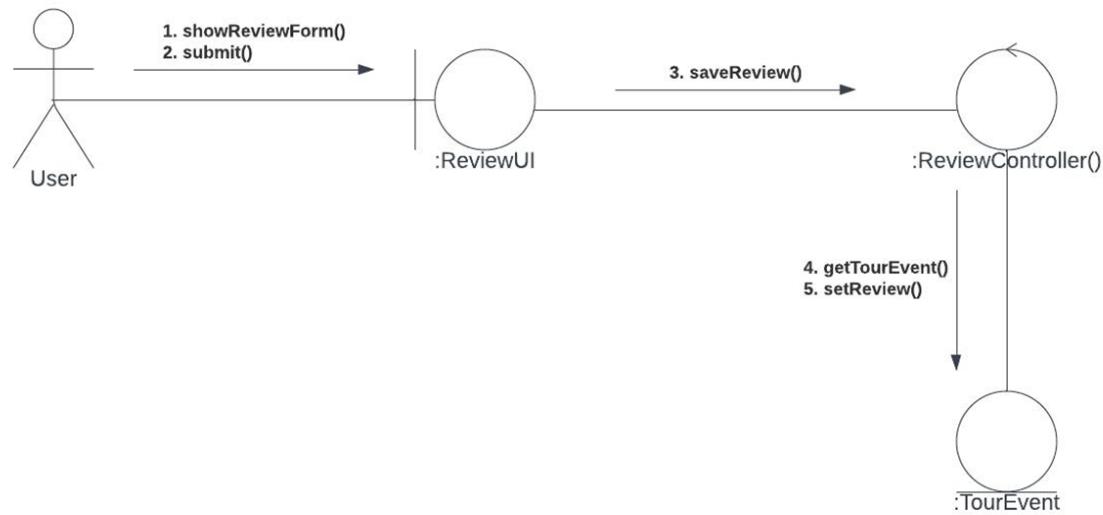
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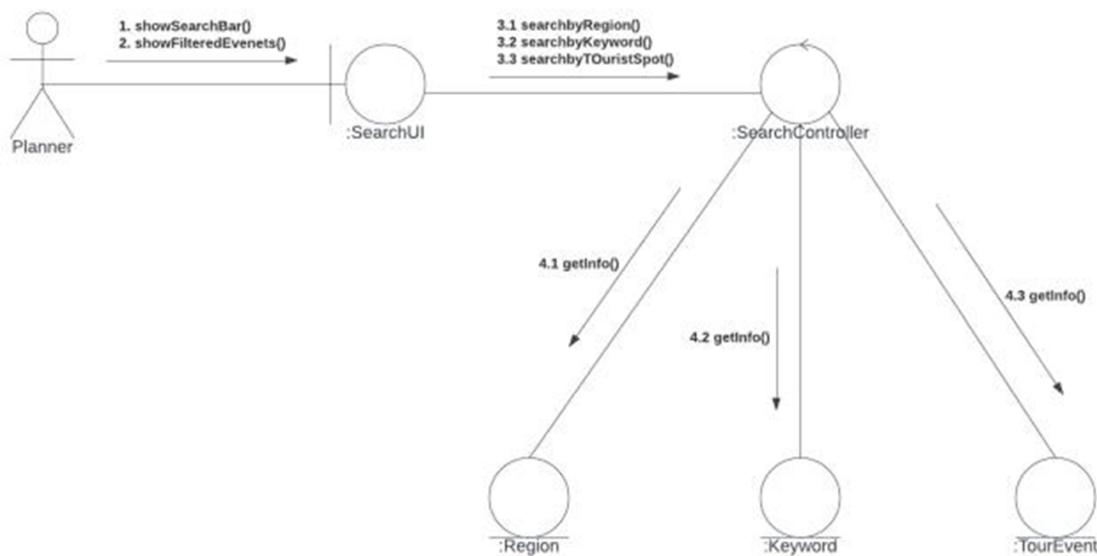
Checklist:



Review:

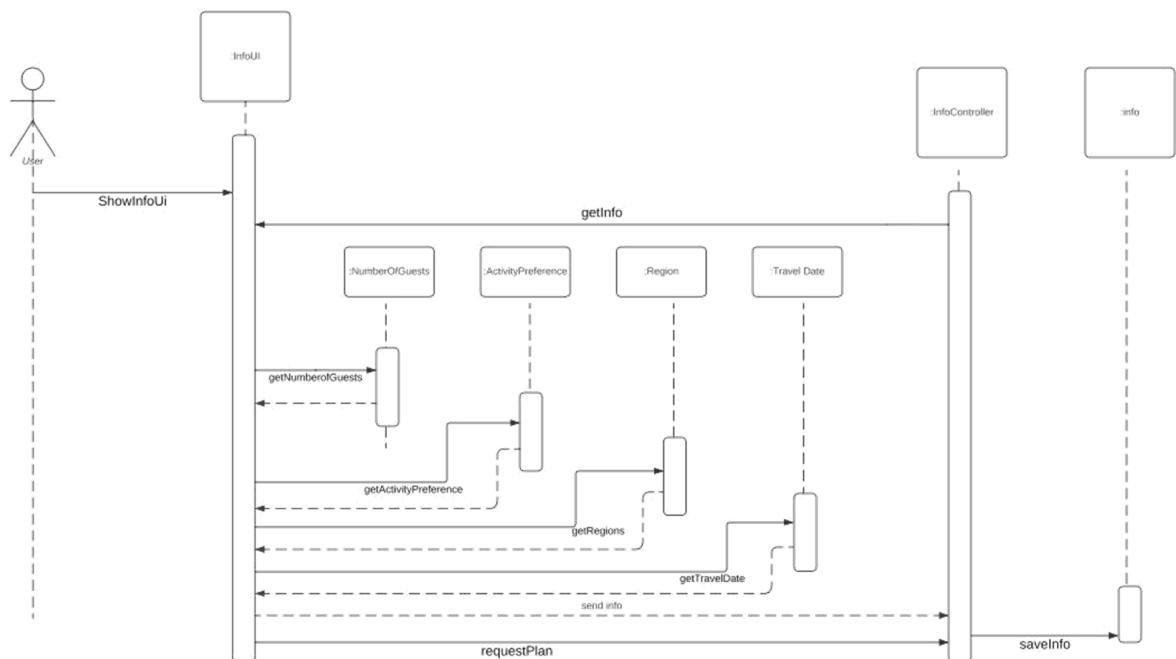


Search:

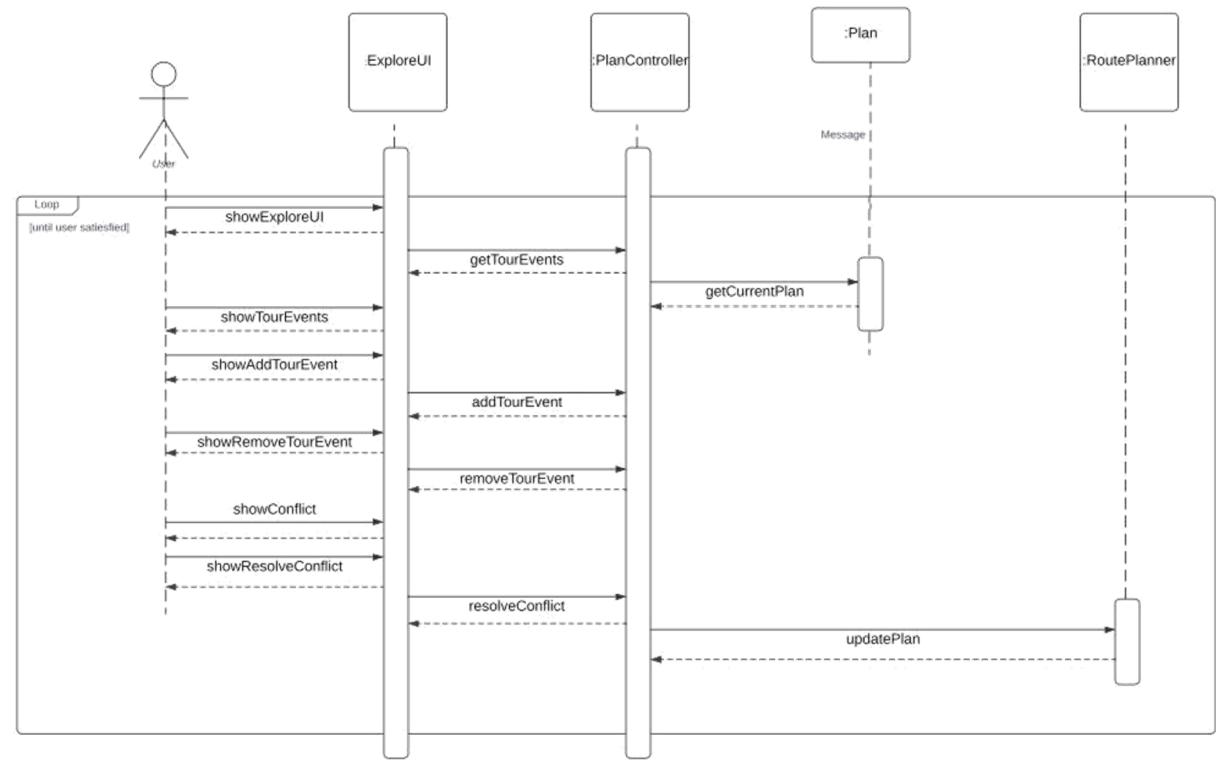


Sequence Diagrams

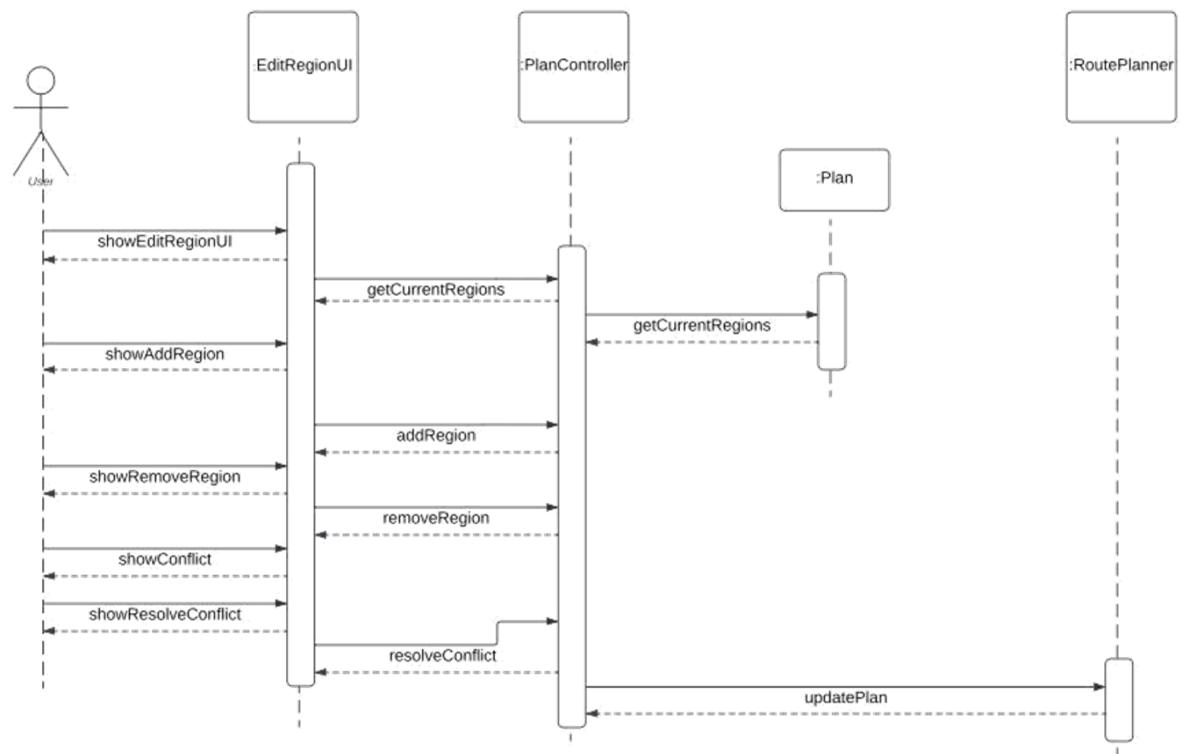
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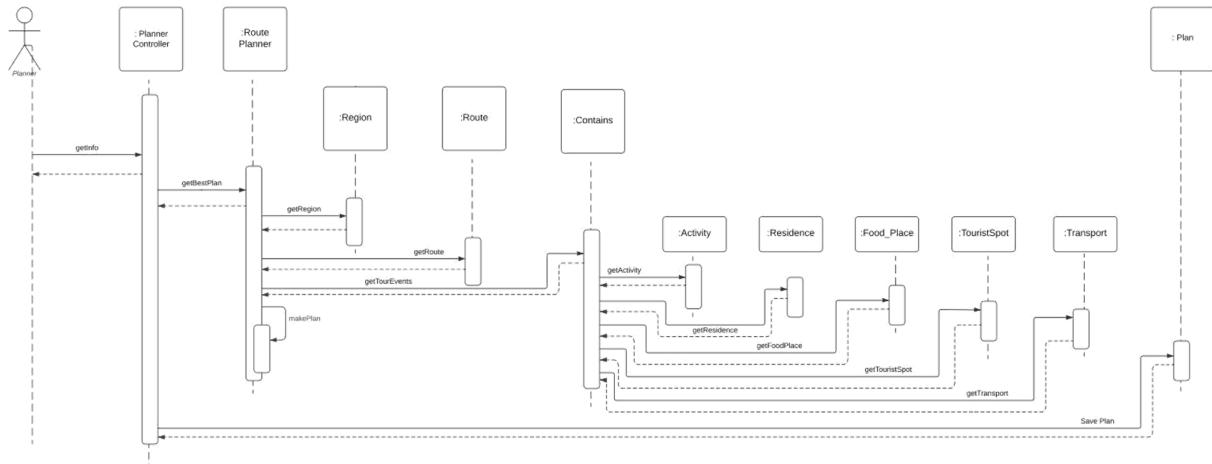
ExploreUI:



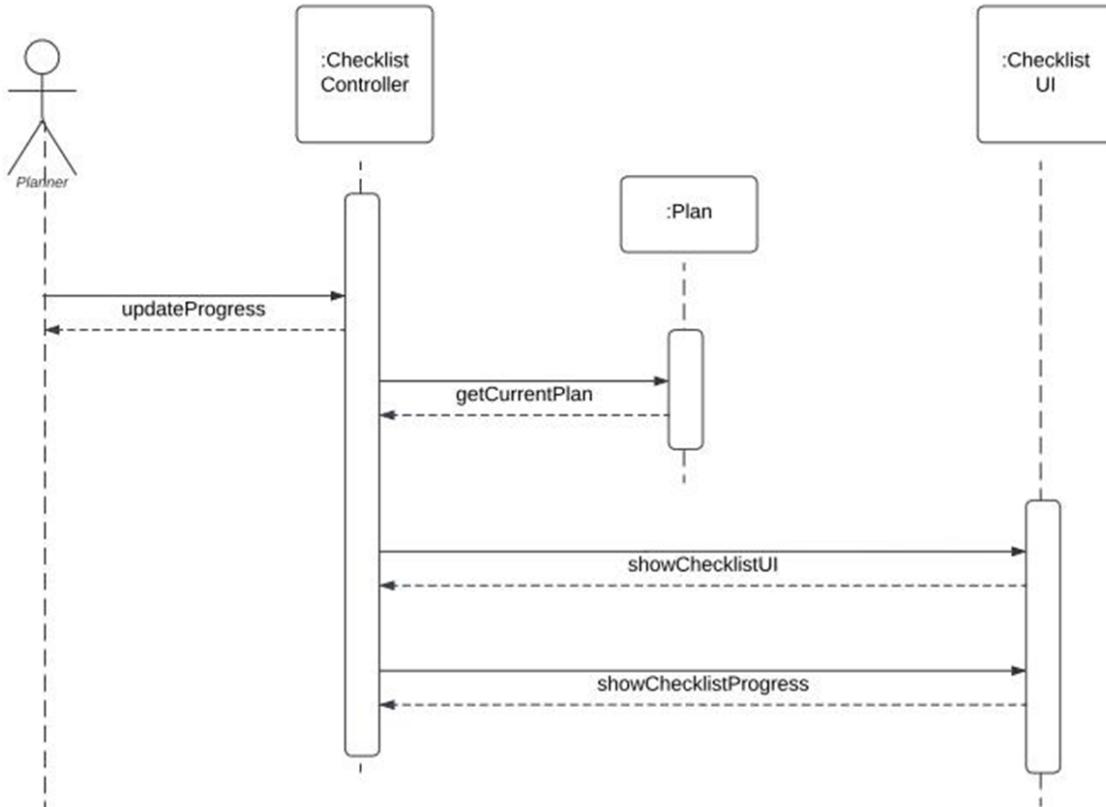
ModifyUI:



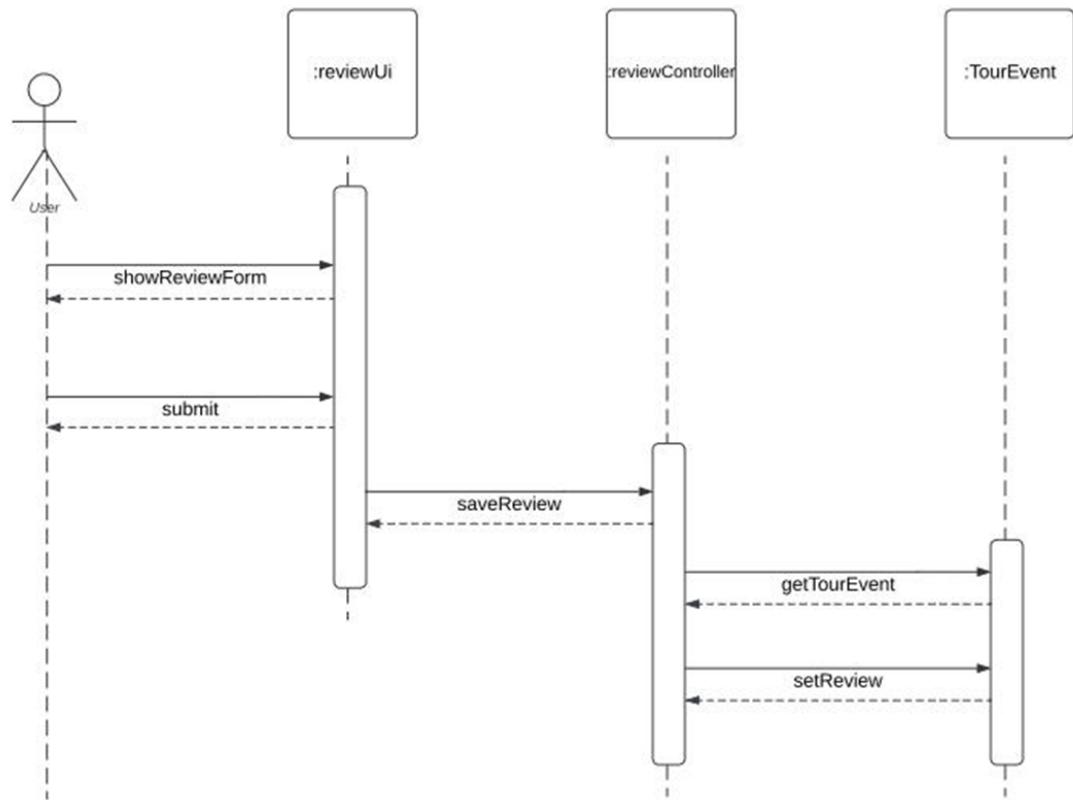
Make Plan:



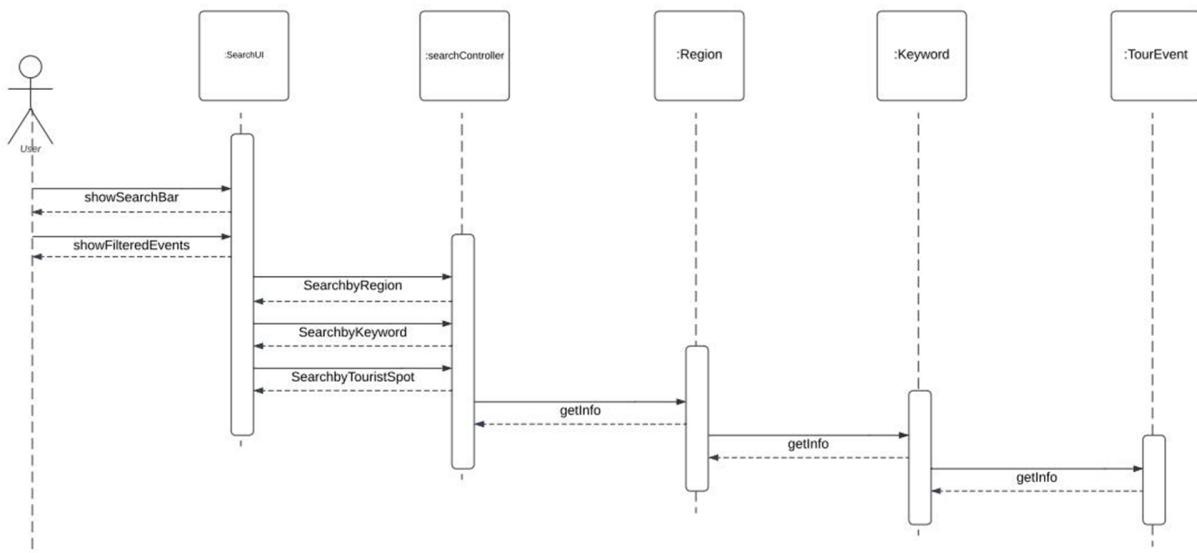
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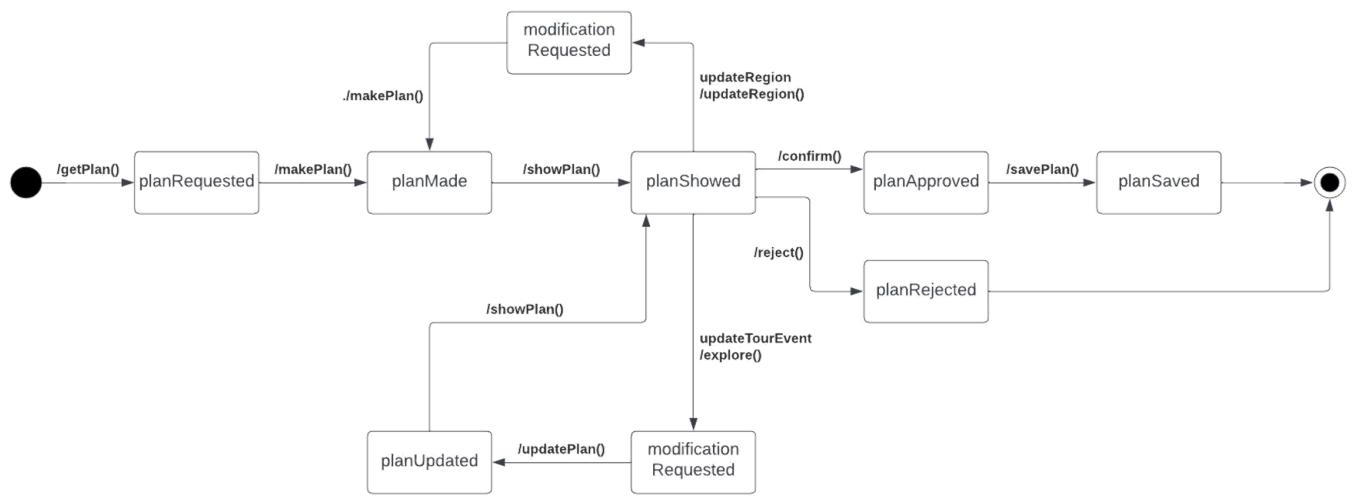
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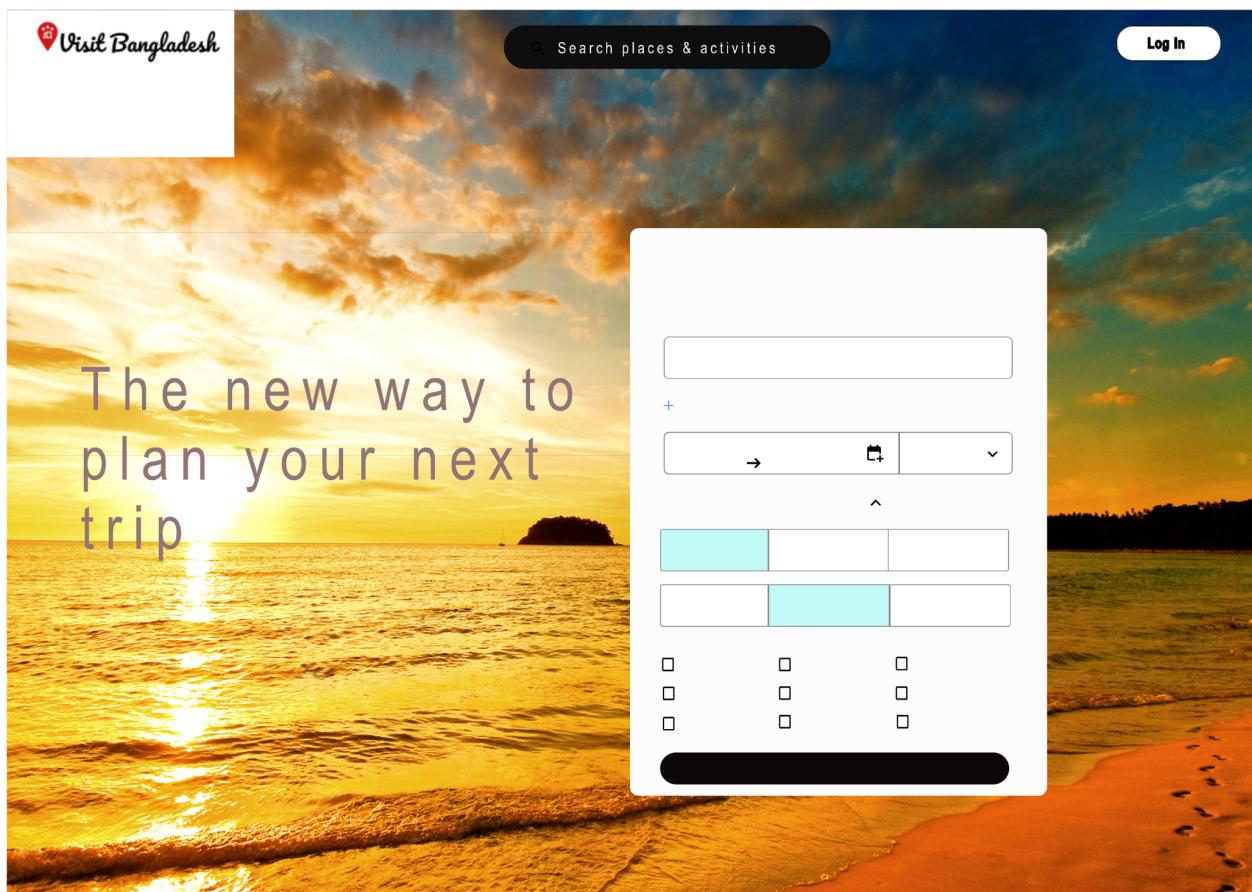
Search:



State Diagram



Mock UI



JAN 16, 2023 - JAN 25, 2023

DAY BY DAY

CHECKLIST

Start: Dhaka City

Fly >

1 SYLHET - 10 DAYS

Fly >

End: Dhaka City**EDIT**

Map data ©2023 Google Terms of Use Report a map error

Mon, Jan 16 - Wed, Jan 25

Edit

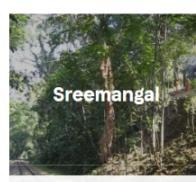
S	M	T	W	T	F	S
15	16	17	18	19	20	21
22	23	24	25	26	27	28

[View full calendar](#)**SYLHET - 10 DAYS**

When in Jaflong, make a side trip to see Madhabkunda Water Fall in Maulvi Bazar, approximately Maulvi Bazar away.

[more ▾](#)**Things to do in Jaflong**[Neighborhoods](#) • [Nature](#) • [Parks](#)**Side Trip**[Madhabkunda Water Fall](#) [Find places to stay Jan 20 – 30:](#)[Find places to stay with best proximity to your trip](#)**Highlights from your trip**[See timeline](#)**NEIGHBORHOOD****Jaflong**

3.3

[Best for: National Park, Water Body, Wildli...](#)[Best for: Forest, Landmark, Wildlife Area](#)[Best for: Bridge, Wildlife Area, Geologic F...](#)**Add more destinations to your trip**[Explore all](#)**Sreemangal****Sylhet City****Sunamganj**

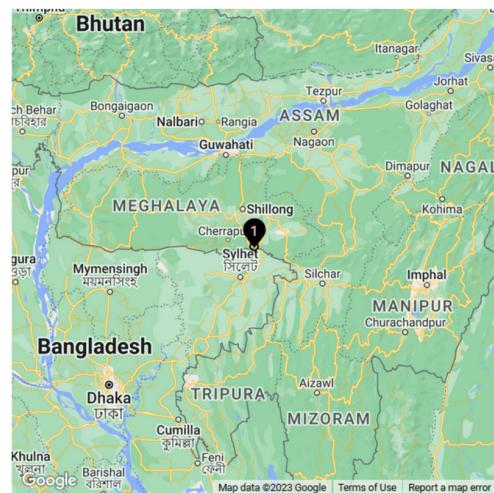
DATES AND TRAVEL

+ADD DESTINATION

Start: Dhaka City Edit

≡ 1 SYLHET

End: Dhaka City Edit



CANCEL

NEXT

DESTINATIONS

Start: Dhaka City

Depart MON 1/16		Time Morning
--------------------	--	-----------------



Fly

1**SYLHET - 10 DAYS**

Arrive MON 1/16		Time Morning
--------------------	--	-----------------

Depart WED 1/25		Time Evening
--------------------	--	-----------------



Fly

●**End: Dhaka City**

Arrive WED 1/25	
--------------------	--

Trip dates

S	M	T	W	T	F	S
15	16	17	18	19	20	21
22	23	24	25		28	

Dates in destinations match trip dates

MANUALLY RESOLVE**AUTO RESOLVE**

DESTINATIONS

Start: Dhaka City

Depart MON 1/16		Time Morning
--------------------	--	-----------------



Fly

1**SYLHET - 10 DAYS**

Arrive MON 1/16		Time Morning
--------------------	--	-----------------

Depart WED 1/25		Time Evening
--------------------	--	-----------------



Fly

●**End: Dhaka City**

Arrive WED 1/27	
--------------------	--

Trip dates

S	M	T	W	T	F	S
---	---	---	---	---	---	---

15

28

Dates in destinations match trip dates

CANCEL**SAVE**

Visit Bangladesh

Search places & activities

Log in

JAN 16, 2023 - JAN 27, 2023

DAY BY DAY CHECKLIST

Start: Dhaka City
Fly →
SYLHET - 10 DAYS
1
Fly →
End: Dhaka City

EDIT

Mon, Jan 16 - Wed, Jan 25 **Edit**

S	M	T	W	T	F	S
15					28	

[View full calendar](#)

SYLHET - 10 DAYS

When in Jaflong, make a side trip to see Madhabkunda Water Fall in Maulvi Bazar, approximately Maulvi Bazar away.
[more](#)

Things to do in Jaflong
Neighborhoods · Nature · Parks
Side Trip
Madhabkunda Water Fall

Find places to stay Jan 20 – 30:
[Find places to stay with best proximity to your trip](#)

Highlights from your trip

NEIGHBORHOOD
Jaflong
★★★ 3.3

[See timeline](#)

Add more destinations to your trip

Explore all

Sreemangal
Best for: National Park, Water Body, Wildlife Area

Sylhet City
Best for: Forest, Landmark, Wildlife Area

Sunamganj
Best for: Bridge, Wildlife Area, Geologic F...

Visit Bangladesh 10 days in Sylhet City

Search places & activities

Route Day by day Checklist

Mon, Jan 16

Sylhet City Explore

18 2 h (to Sreemangal) ·

19 11:30am 4:30pm Lawachara National Park, Sreemangal 4.5 National Park · Nature / Park

20 21 22 23 24 25 26 27 Tue, Jan 17

See also for Sylhet City:
Day trips and excursions from \$40 ·
Sreemangal Tour \$82 · \$115 ·

10:00am 12:00pm Museum of Rajas 2.2 Specialty Museum · Museum ... See more

12:30pm 2:30pm Hawapara Jame Mosque 4.3 Religious Site · Tourist Spot

3:00pm 5:00pm Shahjalai Dogha 2.9 Landmark · Tourist Spot ... See more

Find places to stay

Wed, Jan 18

10:00am 10:30am Pangthuma Waterfall 4.5 Waterfall · Nature / Park

11:00am 1:00pm Haturguli Swamp Forest 4.5 Forest · Nature / Park ... See more

2:00pm 2:30pm Osmany Museum 3.8 Specialty Museum · Museum ... See more

3:00pm 3:30pm Suma Bridge, Sunamganj 3.0 Bridge · Tourist Spot

3:30pm 5:30pm Al Arjad Clock Tower 3.8 Observation Deck · Landmark

Find places to stay

Thu, Jan 19

10:30am
5:30pm



Khadimgar National Park
4.5 National Park - Park

... See more

Find places to stay

Fri, Jan 20

1 h 20 min (to Maikh Bazar) ↗

11:00am
3:30pm



Nakuki Haor, Maikh Bazar
4.8 Wildlife Area - Nature / Park

1 h 20 min (to Syntet City) ↗

Find places to stay

Sat, Jan 21

11:00am
11:30am



Jokkota River
4.6 Water Body - Nature / Park

2 h 30 min (to Sreemangal) ↗

2:30pm
4:30pm



Balka Beel Wetland Sanctuary,
Sreemangal
4.4 Wildlife Area - Nature / Park
Tours from \$130

2 h (to Syntet City) ↗

Find places to stay

Sun, Jan 22

10:30am
12:30pm



Signature
1.6 Gift & Specialty Shop - Shopping

34 min ↗

1:30pm
3:30pm



Dreamland Amusement Park
2.0 Theme Park - Water / Amusement Park

Find places to stay

Mon, Jan 23

1 h 45 min (to Sreemangal) ↗

11:30am
1:30pm



Bank Tila, Sylhet
4.0 Geologic Formation - Nature / Park

1 h 45 min (to Syntet City) ↗

3:00pm
5:30pm



Bhalaganj Sadar Pather, Sylhet Division
4.5 Water Body - Levee/embankment

1 h 10 min (to Syntet City) ↗

Find places to stay

Tue, Jan 24

Free time
No activities on this day. Add activities

Find places to stay

Wed, Jan 25

Start return journey

Wed, Jan 27

Will reach back to Dhalai

THINGS TO DO

TRAVEL GUIDE

- Show side trips
- Show items in my trip

Activity type

- Hidden Gems
- Parks
- Nature
- Wildlife
- Tours
- Museums
- Shopping
- Theme Parks
- Historic Sites
- Outdoors

**Lawachara National Park, Sreemangal**

★★★★★ 4.5 National Park

At 2,740 hectares (6,770 acres),

Lawachara National Park repr... See more

Tours from \$130

[Delete](#)

In your trip

Feb 16, 2023

11:30am - 4:30pm

**Ratargul Swamp Forest**

★★★★★ 4.5 Forest

Hire a motor boat to explore Ratargul Swamp Forest, the only freshw... See more

[Delete](#)

In your trip

Feb 17, 2023

1:00pm - 2:30pm

**Bisnakandi**

★★★★★ 4.1 Wildlife Area

[Add](#)**Shahjalal Dorgha**

★★★★★ 2.9 Landmark

For centuries, Shahjalal Dorgha has served a religious spot for bot... See more

[Delete](#)

In your trip

Feb 19, 2023

10:00am - 12:00pm

[SEE MORE >](#)

LAWACHARA NATIONAL PARK, SRIMANGAL

Lawachara National Park, Sreemangal

★★★★★ 4.5 #1 of 6 in Things To Do In Sreemangal · National Park · Nature / Park

**Recommended duration**

8 hours

Hours

Sunday	9am - 5pm
Monday	9am - 5pm
Tuesday	9am - 5pm
Wednesday	9am - 5pm
Thursday	9am - 5pm
Friday	9am - 5pm
Saturday	9am - 6pm

Contact

3220 Sreemangal - Bhanugach Rd,
3220,
Bangladesh

[SEE NEARBY RESTAURANTS](#)[SEE NEARBY HOTELS](#)[SEE MORE >](#)

Popular things to do in Sylhet City



FOREST

Ratargul Swamp Forest

4.5

Feb 17, 1:00 PM - 2:30 PM



WILDLIFE AREA

Bisnakandi

4.1

[Add to trip](#)

LANDMARK

Shahjalal Dorgha

2.9

Feb 19, 10:00 AM - 12:00 PM



NATIONAL PARK

Khadimnagar National Park

4.3

Feb 18, 10:30 AM - 5:30 PM

Side trips from Sylhet City



NATIONAL PARK

Lawachara National Park

Sreemangal

4.5

Feb 16, 11:30 AM - 4:30 PM



BRIDGE

Surma Bridge

Sunamganj

3.0

Feb 17, 5:30 PM - 6:00 PM



WILDLIFE AREA

Hakaluki Haor

Maulvi Bazar

4.8

Feb 21, 11:00 AM - 3:00 PM



WILDLIFE AREA

Baikka Beel Wetland

Sanctuary

Sreemangal

4.4

Feb 20, 11:30 AM - 1:30 PM

Hidden gems in Sylhet City



NATIONAL PARK

Satchari National Park

4.0

[Add to trip](#)

WATERFALL

Pangthumai Waterfall

4.5

Feb 24, 1:00 PM - 1:30 PM



THEME PARK

Dreamland Amusement Park

2.0

Feb 19, 3:30 PM - 5:30 PM



WATER BODY

Jadukata River

4.4

Feb 20, 4:00 PM - 4:30 PM

[SEE MORE >](#)



10 days in Sylhet City

Search places & activities

Log in

ROUTE

DAY BY DAY

CHECKLIST

Checklist

0%

Hotels (1)

Fri 1/20 - Mon 1/30

...

Mid-Range Apartment

Proximity 5.8
La Vista Hotel
From \$25 / night >

Proximity 9.6
Shnongpdeng
From \$13 / night >

See nearby hotels

Need help?

Our expert travel agents can help

Request an agent

SYLHET

SYLHET

Before you leave (3)

Check if your phone supports eSIM
Buy local eSIM card for your phone

Go to airalo.com

...

Store your luggage

Find storage

...

Climate – Jan 2023

Jaflong
Unavailable

See weather



View Places



Jaflong



Hakaluki Haor



Swamp Forest

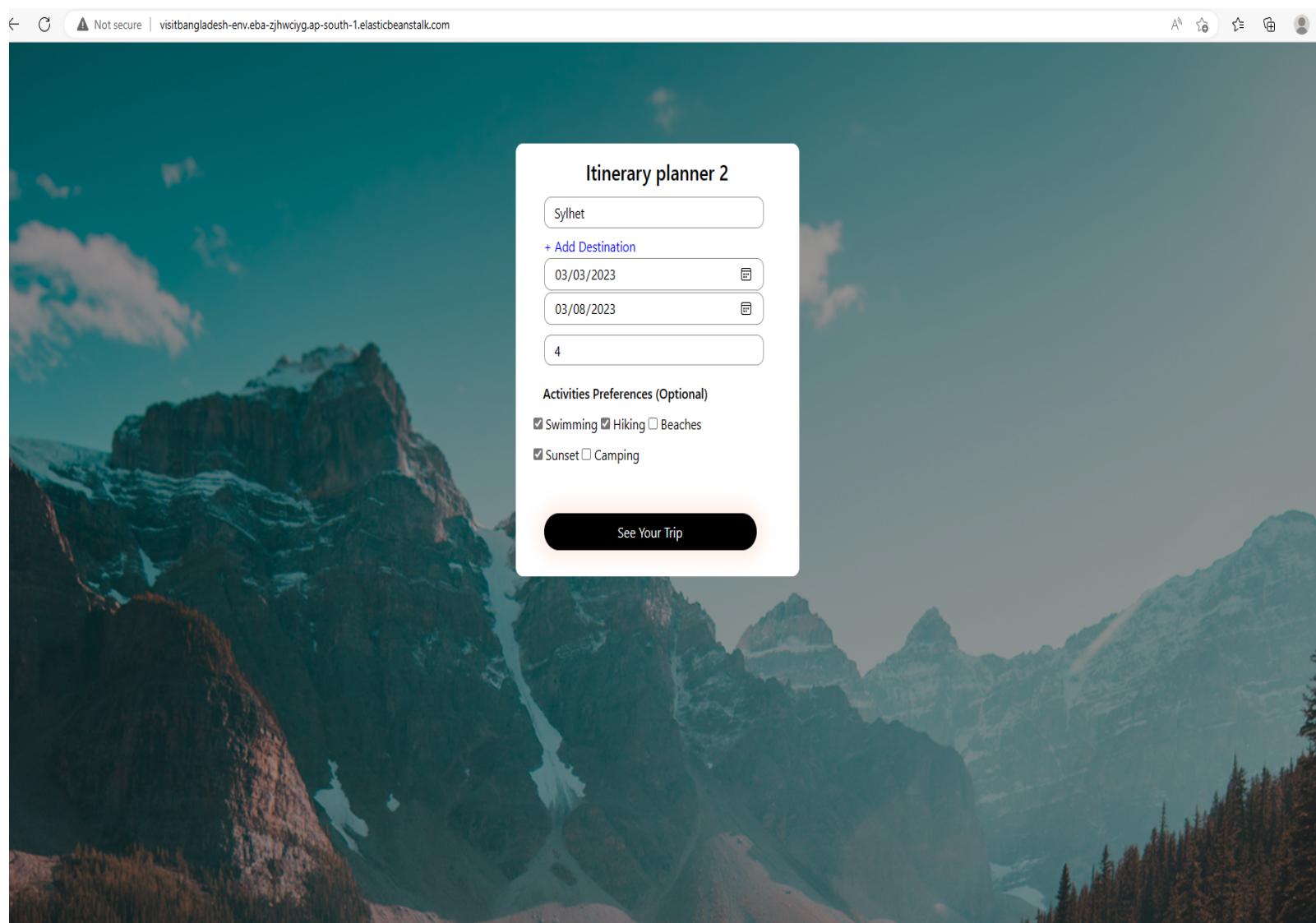
[+ Edit Activities](#)

more places

Add Tourist Spot

Search places to add

Implemented Module:



Fri Mar 03 2023

Tangar Haor 5/5 An awesome opportunity to keep in touch of nature, all the way out of chaos of city life Fri Mar 03 2023

Sun Mar 05 2023

Ratargul Swamp Forest 5/5 The cultural significance of this site is truly profound. You will be thankful for the opportunity to learn about the history and traditions of the local community. Sun Mar 05 2023

Kacchi Bhai Good for kacchi Sun Mar 05 2023

Hotel Merryytime Highly decorated and awesome view of mountain Sun Mar 05 2023

La mortoya Hotel and cong Sun Mar 05 2023

Mon Mar 06 2023

Ca Bagan 5/5 The natural wonders of this area are simply breathtaking. Perfect opportunity to explore and appreciate the stunning landscapes and ecosystems Mon Mar 06 2023

Panshi Restora Traditional Foods of Sylhet Mon Mar 06 2023

Sultan's Dine Traditional Kacchi is here Mon Mar 06 2023

Hotel Razu Int Mon Mar 06 2023

Tue Mar 07 2023

Shaljalal Mazar 5/5 The architecture of this building is simply stunning. You will witness such a remarkable display of artistry and craftsmanship. Tue Mar 07 2023

Hazi Nanna Traditional Murag Polao Tue Mar 07 2023

Kacchi Bhai Good for kacchi Tue Mar 07 2023

Hotel Arif Tue Mar 07 2023

CI/CD Report:

Introduction:

The Continuous Integration/Continuous Deployment (CI/CD) process is a popular software development approach that helps to automate the software delivery process. This approach helps to improve the quality and speed of software delivery. In this report, we will discuss our CI/CD project in Elastic Beanstalk.

Project Description:

Our CI/CD project in Elastic Beanstalk was designed to deploy a web application automatically using a pipeline that includes Continuous Integration and Continuous Deployment stages. The web application is hosted on an Amazon Elastic Beanstalk environment. Elastic Beanstalk is an easy-to-use service for deploying and scaling web applications.

The project started with the development of the web application code. Once the code was ready, a GitHub repository was created to store the code.

Continuous Integration (CI) Stage:

The next step was to set up the Continuous Integration stage. This stage involved automatically building and testing the application code whenever changes were made to the code. To achieve this, AWS CodePipeline was used. CodePipeline is a fully-managed build service that compiles source code, runs tests, and produces software packages.

Continuous Deployment (CD) Stage:

After the code was successfully built and tested, the Continuous Deployment stage was initiated. This stage involved deploying the application to the Elastic Beanstalk environment automatically. AWS CodePipeline was used to automate this stage. CodePipeline is a fully-managed continuous delivery service that helps to automate the release process for our application.

Conclusion:

Our CI/CD project in Elastic Beanstalk was successfully implemented, and it has helped to improve the speed and quality of our software delivery. By automating the build, test, and deployment process, the project has reduced the time required to release new features, bug fixes, and updates. Overall, our project has demonstrated the value of implementing a CI/CD process in software development, and it has set the foundation for our future projects.

Thank You!