

CS-476 PROJECT

MARCH 20, 2022



University
of Regina



Meet Our Team !!

- Abhishek
- Lalith Souri
- Jovanjeet
- Husanpreet
- Ritika





Outline

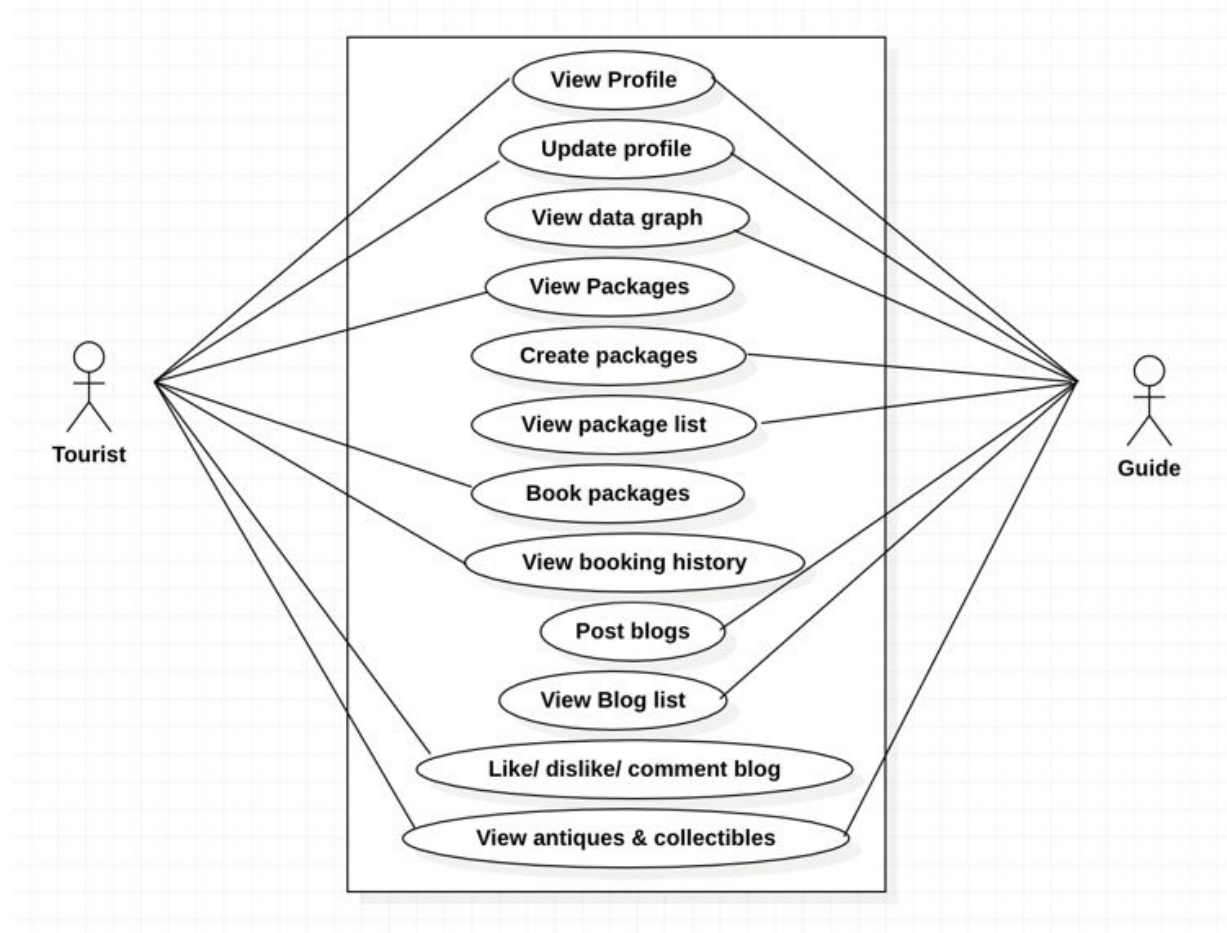
- Problem definition
- Use Case Diagram-1
- Use Case Diagram-2
- MVC Architecture Diagram
- Code within Web framework
- Factory Design Pattern
- Observer Design Pattern
- Our Website (Demo)
- Questions?
- The end

Problem definition

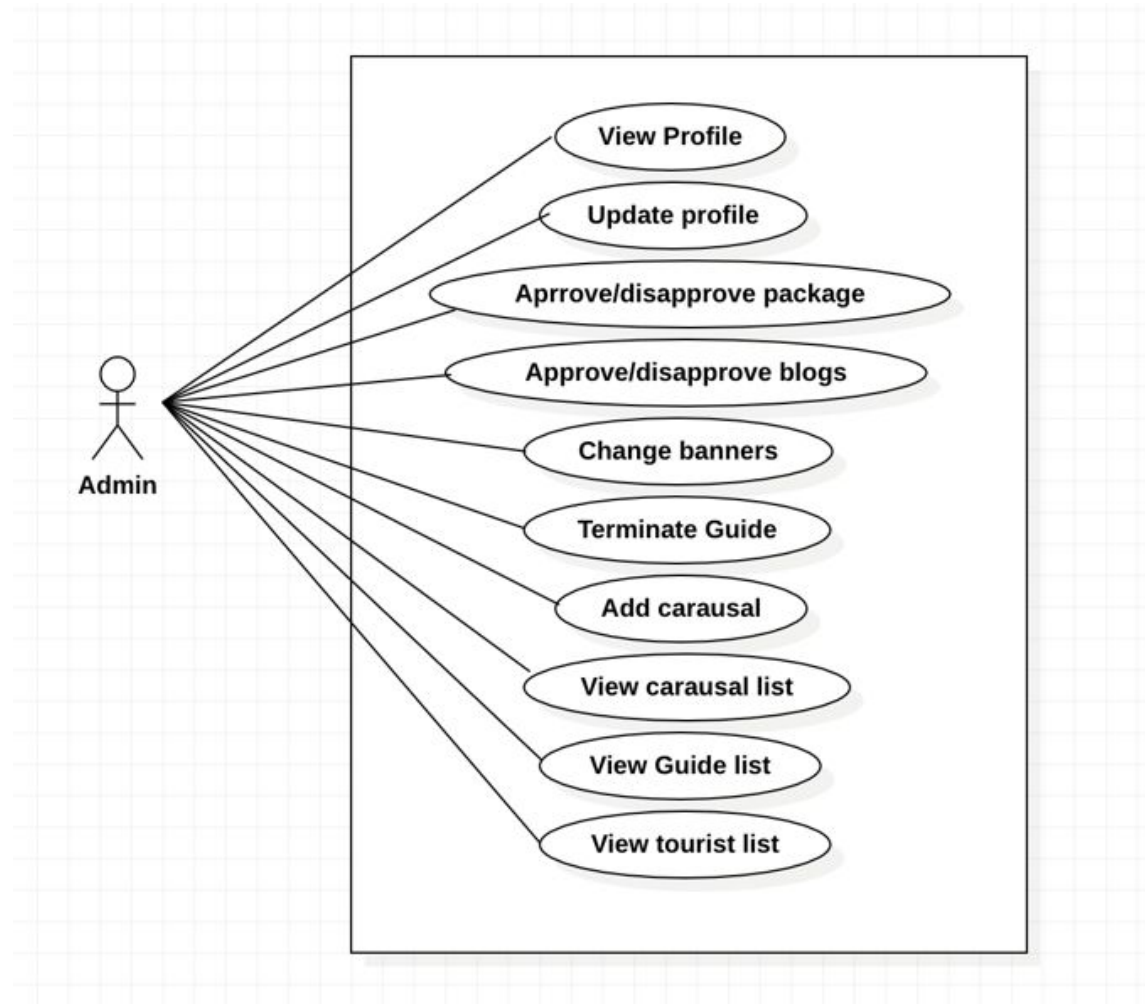
- Provides comprehensive tourist information on alberta.
- User-friendly design, that is intuitive and straightforward.
- Features reviews and recommendations from experts
- Regularly updated website with updated information acting as a relevant and useful resource for travellers.



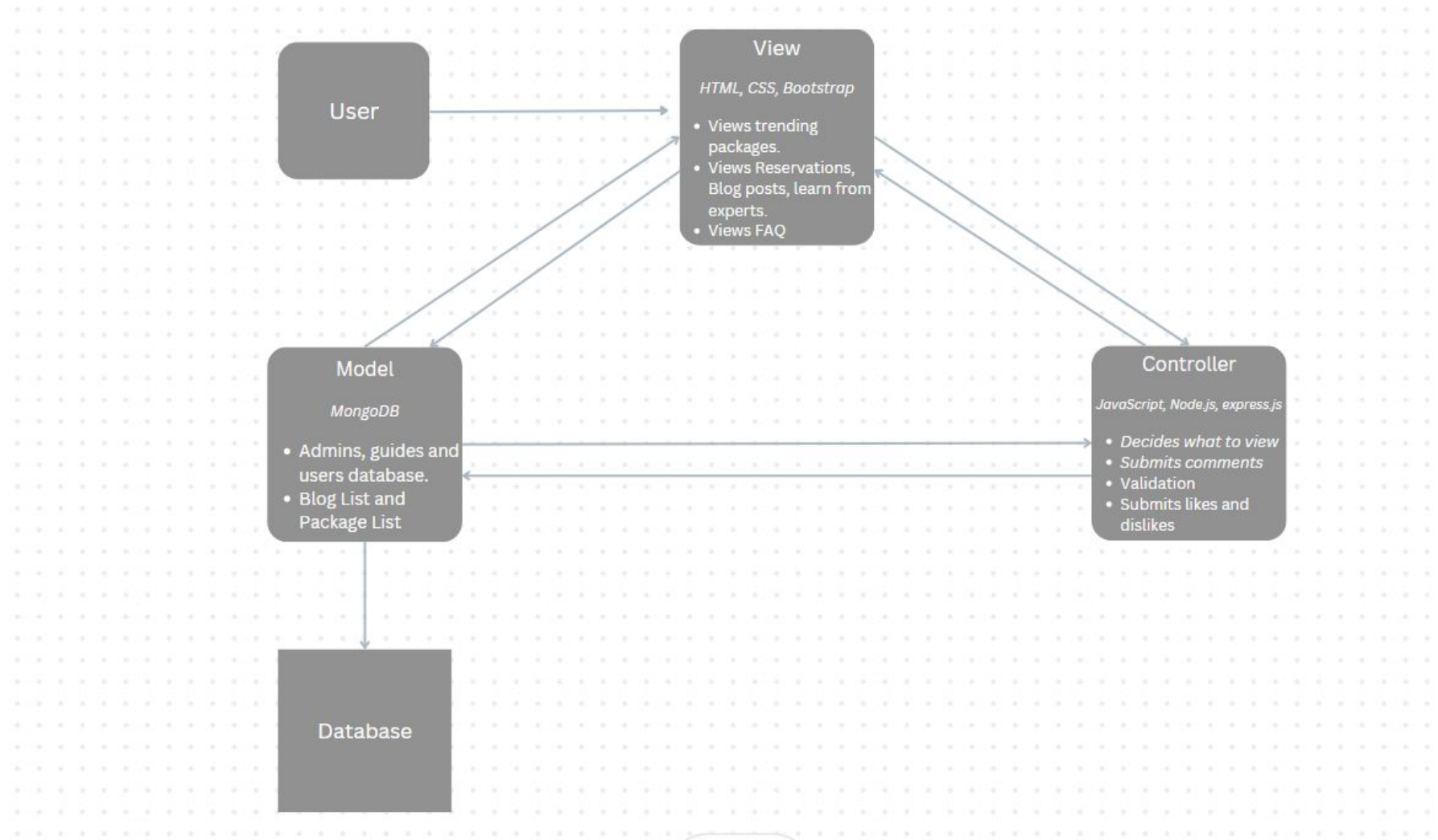
Use Case Diagram-1



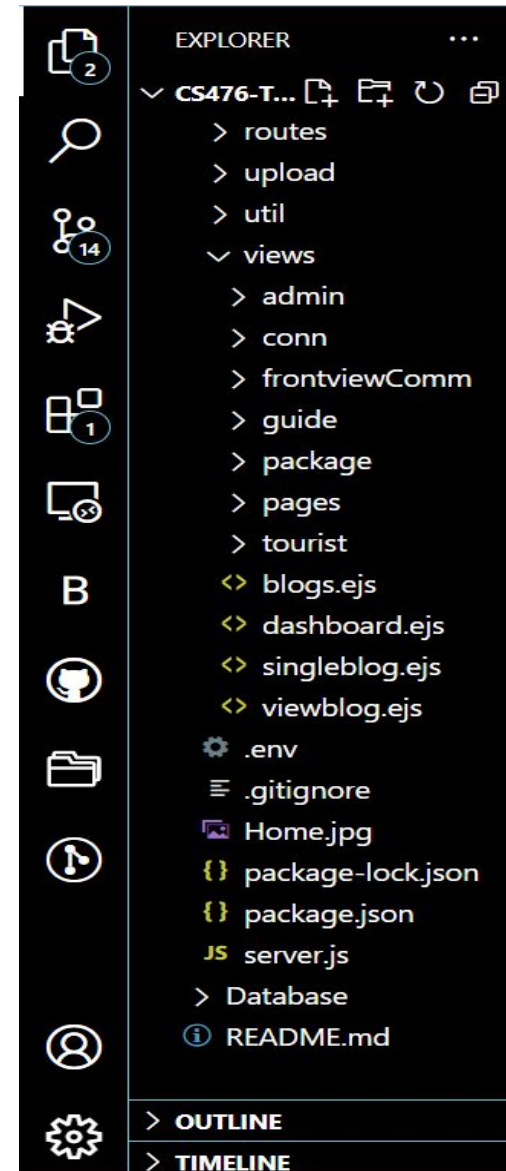
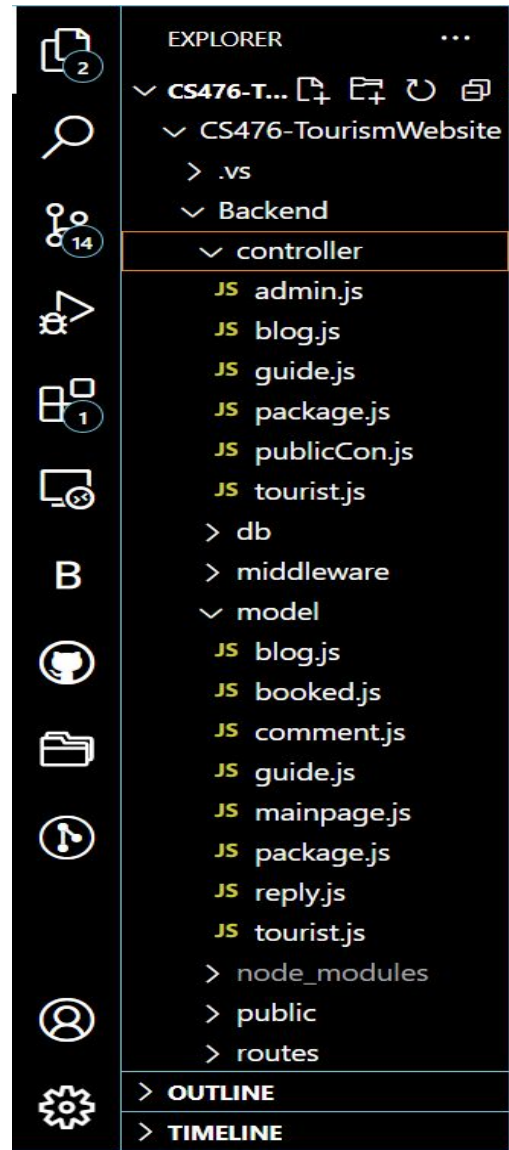
Use Case Diagram-2



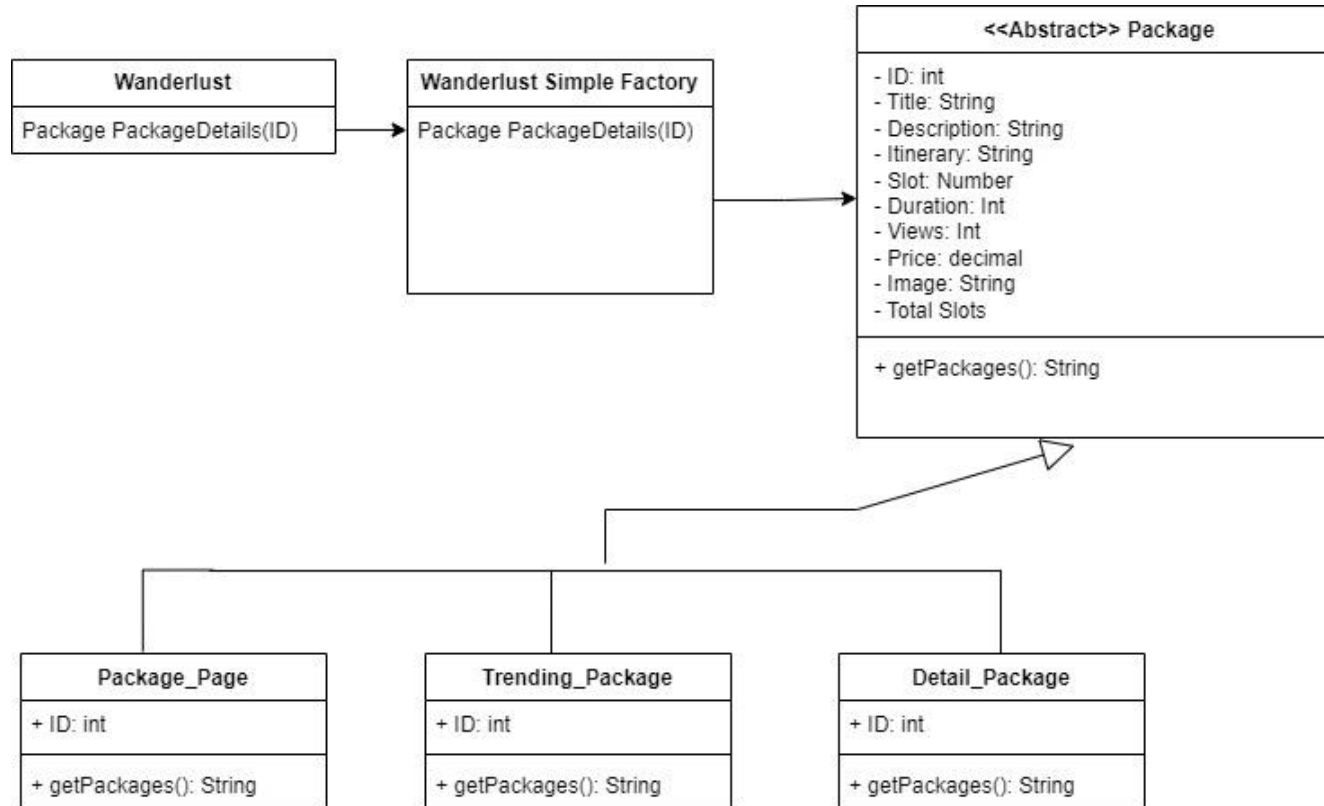
MVC Architecture Diagram



Code within Web framework



Factory Design Pattern

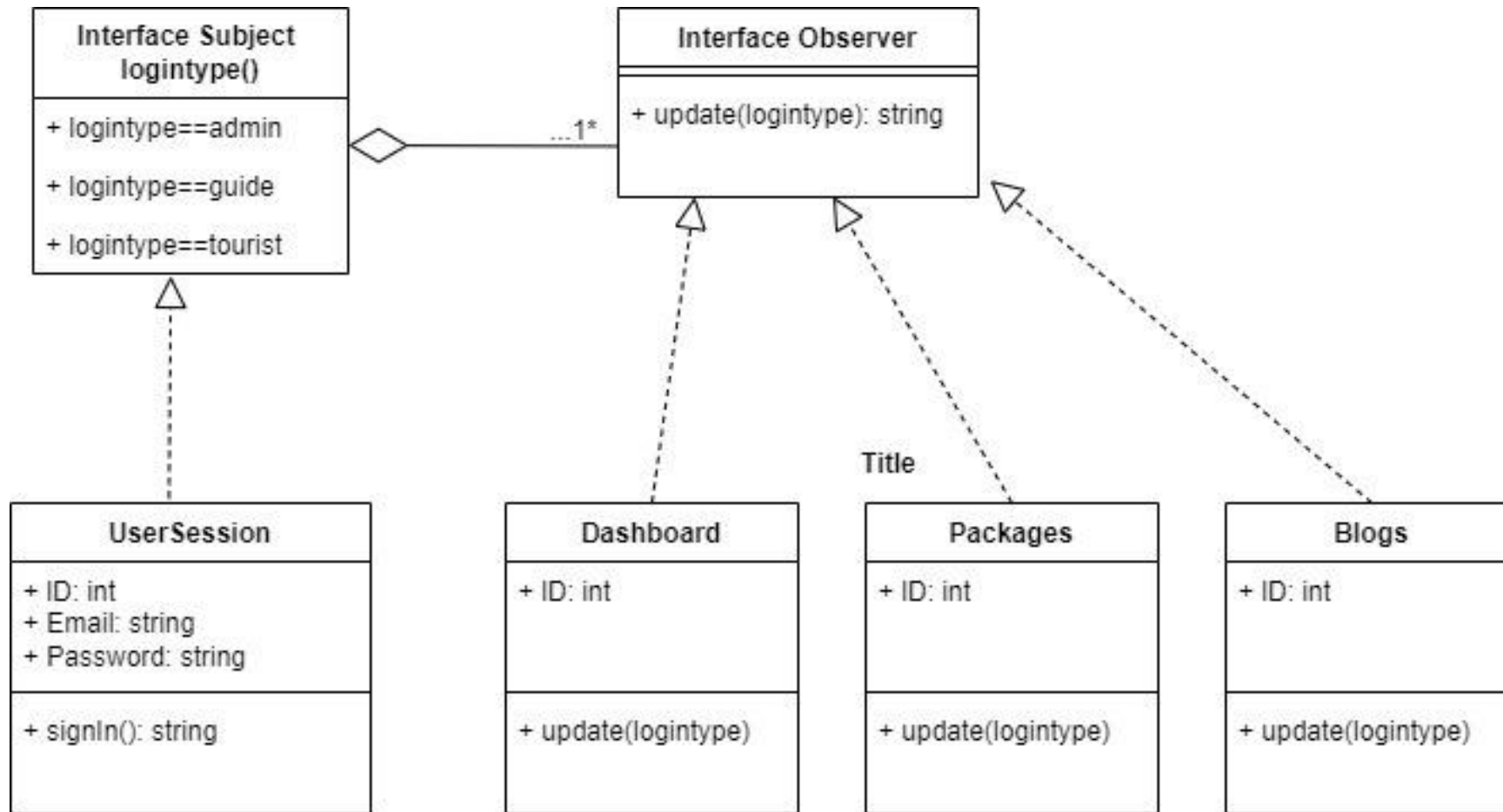


Factory Design Pattern

- **Usability:** We created methods to save, update, view and delete the packages.

These packages are the methods and we used incremental loop objects to retrieve the data from the backend to display on the page.

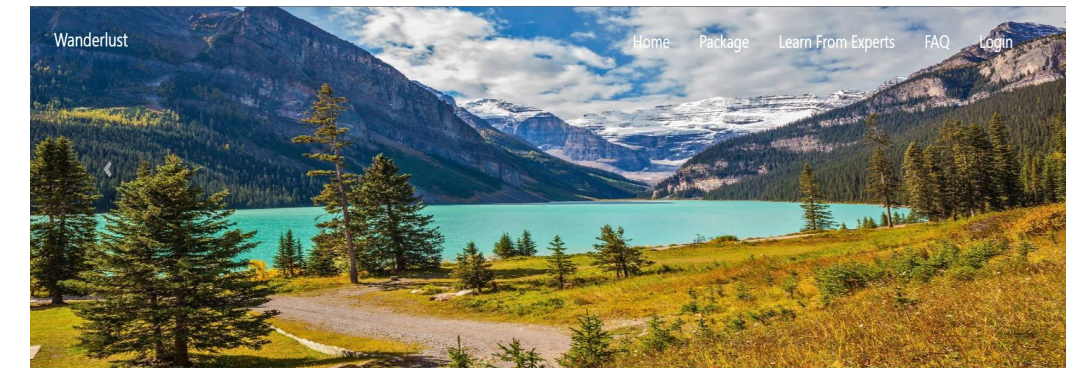
Observer Design Pattern



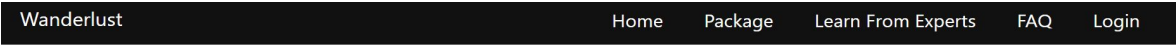
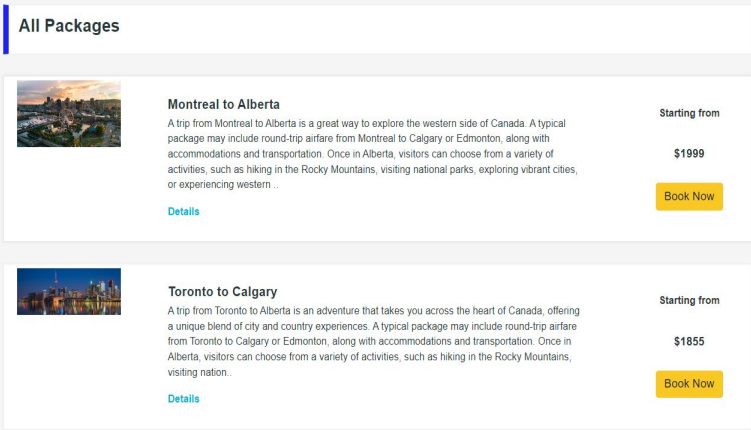
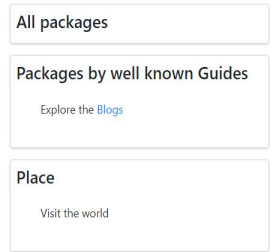
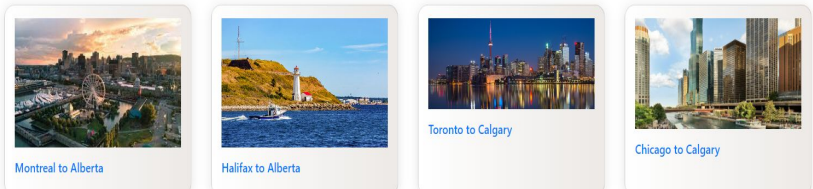
Observer Design Pattern

- **Usability:** Admin, Tourist and Guide all have different views of their dashboards. The functionality of all the dashboards is different for all the user roles. The administrator of the website has been given more access to maintain and keep up to the security standards of the website. Guide can post the packages and blogs. Tourists can view their reservations and invoices. In this way, the observer pattern gives the flexibility to all the user roles to perform the actions as per their requirements.

Our Website (Demo)



Trending Packages



Antiques and Collectibles

It's always a good idea to call ahead to confirm hours of operation and inventory before visiting any of these stores.

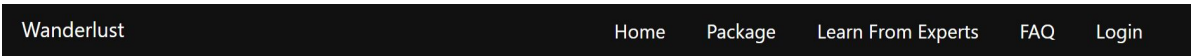
Empire Ammolite Wonderland Sculpture The Canadian Badlands

Climatic Conditions

Alberta has a humid continental climate with long, cold winters and short, warm summers. Temperatures can vary widely throughout the year, with average temperatures ranging from -10°C (14°F) in January to 17°C (63°F) in July. The province receives a moderate amount of precipitation, with the majority falling during the summer months. Alberta is also known for its frequent chinook winds, which can cause sudden, dramatic temperature increases during the winter months. Additionally, the province experiences occasional severe weather events such as thunderstorms, tornadoes, and blizzards.

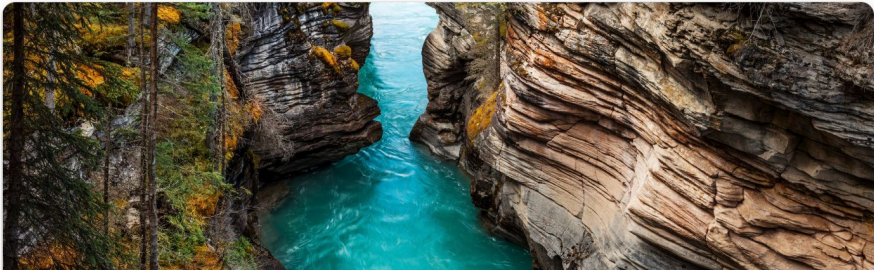


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Welcome to Wanderlust

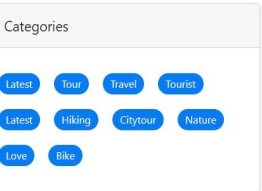
Blogs from our Guides



hiking nature love

Jasper

Jasper is a beautiful town located in the heart of the Canadian Rockies in Alberta, Canada. It is surrounded by stunning mountain ranges



POPULAR POSTS



Questions?

Thank you!!

