# Product Overview

This is a travel-themed blog website with the URL <https://www.journey-nci.xyz> or <https://journey-nci.xyz>. If you use an HTTP request or access the above two domain names without any prefix, it will automatically redirect to the HTTPS URL. The website features real-time weather information for the current location, the ability to query Airbnb subscription information, publish blogs, comment on blogs, and an artificial intelligence-based question-and-answer system.

The website has two types of users: regular users and administrators. Regular users can publish blogs, comment on blogs, and delete their own blogs or comments. Administrators have the authority to delete all blogs or comments. The functionalities of weather information, Airbnb listing queries, and artificial intelligence-based Q&A utilize third-party APIs.

The front-end of the website utilizes technologies such as jQuery, Bootstrap, while the back end uses technologies like **Maven**, **Spring Boot**, **JSP**, **MyBatis**. The database is **MySQL** and hosted on AWS's free online database service. The project is deployed on a free server provided by AWS, using port **8080** due to AWS restrictions on ports below 1024. **Nginx** serves as a static server for request forwarding, redirecting HTTP and HTTPS requests to port 8080.

SSL encryption is implemented using **Certbot** to generate a free SSL certificate, ensuring secure HTTPS requests. The website's domain is purchased from the domain registrar Namecheap and linked to AWS Cloud Platform's DNS for access via the domain name.