



University of Liberal Arts Bangladesh  
Department of Computer Science and Engineering  
**Web Technology ( CSE-480)**  
Final Assignment

Fall 2020

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**COMPLETE THE ASSIGNMENT GIVEN BELOW**

1. Prepare a python flask web application that provides information about a country when searched. Here are some issues that you need to address in your project:
  - (a) You must also build a front-end using HTML, CSS, and Javascript. You can also use the Jinja 2 Templating engine for the front end.
  - (b) The front-end must have one search bar and space to display the results. A sample of the front-end is given below.
  - (c) You can use data structures like python's dictionary to store the data of the countries. You don't have to use a database for that.
  - (d) As you can see from the screenshot below, the user will type in the country's name into the search-bar and click the "Search!" button. This will prompt your application to send a request to the back-end asking for information about the country typed in by the user. If the information is available in the back-end storage facility, it will be returned to the front-end. Otherwise, a message will be sent to the front-end stating that information regarding the country is not available.

## Traveler's Companion

### Essential information for traveling abroad

Please enter the country you'd like to find information for:

**Capital:** Dhaka  
**Language:** Bengali  
**Currency:** BDT

Best wishes