PLACE GUIDE APPLICATION

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Description: This is a web application where user can add, delete, search and update the place informations. User can add place name with description along with city and description. Database used is mongoDB. We are using flask for running the server.

1. **Add new places**
   Route: /add
   HTTP Request Method: POST
   Relevant HTTP Response Codes: 200-created/added successfully
   400- bad request
   (500 also if the service is not available)
   Request:
   {
   "name": "jog fall",
   "city": "banglore",
   "description": "……"

   }
   Response:
   {
   "name": "jog fall",
   "city": "banglore",
   "description": "……"

   }
   Comments: All fields required.
2. **Delete the place**
   Route: /delete
   HTTP Request Method: DELETE
   Relevant HTTP Response Codes: 200-delete success
   Request:
   {
   "name": "jog halls"

}
Response:
{
“name”: “jog falls”,
“city”: “Shivamogga”
“des”: “…….”

}

Comments: If we try to delete place which is not present then shows place not present.

3. **Search the place**
   Route: /find
   HTTP Request Method: GET
   Relevant HTTP
   Response Codes: 200-search success
   204- no content
   Request:
   {
   “name”: “jog falls”
   }
   Response:
   {
   If found
   “name”: “jog falls”,
   “city”: “Shivamogga”
   “des”: “…….”
   If not found
   prints Not found
   }

Comment: If place name is found it displays the name otherwise it displays not found.

4. **Update place**
   Route: /update
   HTTP Request Method: PUT
   Relevant HTTP
   Response Codes: 200-update success

204- no content

Request:

```
{
    “name”: “jog fall”,
    “city”: “Shivamogga”
    “des”: “Great view”       // before “des”: “80km”

}
```

Response:

```
{
    “name”: “jog falls”,
    “city”: “Shivamogga”
    “des”: “Great view”

}
```

Links:

GitHub link: https://github.com/AmruthaMV/placeguide

Learning outcomes:

- Hands-on docker image creation and running docker container
- Hands-on on running AWS server and generating public IP for container.
- Working with mongo DB database