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Rest Api Endpoints:-

[HttpGet]:- api/Requests

[HttpGet]:- api/Requests/{Request\_ID}

[HttpPost] :- api/Requests

[HttpPut] :- api/Requests/{Request\_ID}

[HttpPut]:-api/Request/{Request\_ID}?isActive={True,False}

Database Design:

Login Table

|  |  |  |
| --- | --- | --- |
| Login\_id | INT | Primary Key |
| Username | VARCHAR |  |
| Password | VARCHAR |  |
| UserType | VARCHAR |  |

Registration Table

|  |  |  |
| --- | --- | --- |
| Emp\_id | int | Primary key |
| Firstnmae | Varchar |  |
| lastname | Varchar |  |
| Age | Int |  |
| Gender | Varchar |  |
| Address | Varchar |  |
| Phone Number | Int |  |
| Login\_id | Int | Foreign key |
| Role\_id | int | Foreign key |

Project Table

|  |  |  |
| --- | --- | --- |
| Project\_id | int | Primary key |
| Project Name | varchar |  |

Request Table

|  |  |  |
| --- | --- | --- |
| Request id | int | Primary key |
| Cause travel | varchar |  |
| Source | Varchar |  |
| Destination | Int |  |
| Mode | Varchar |  |
| From date | Date |  |
| To date | Date |  |
| No days | Int |  |
| Priority | Varchar |  |
| Project id | Int | Foreign key |
| Emp id | Int | Foreign key |
| status | varchar |  |

Role Table

|  |  |  |
| --- | --- | --- |
| Role id | Int | Primary key |
| Role-type | varchar |  |

Test Case Report

Post new request- Input details- Expected Output- Request sent- Final Output- Pass