

Techstack

nodejs,express,postman

I have used nodejs express for backend where ,

- 1.Used postmethod to get input url
- 2.and sent it in this format:

```
{  
  "originalUrl": "https://www.google.com"  
}
```

3. If nothing given raises error:

```
{  
  "error": "originalUrl is required"  
}
```

Then shortid generated and redirection also

```
{  
  "shortUrl": "http://localhost:3000/8WMIg_JI-"  
}
```

System design :

Port = 3000

API call

<http://localhost:3000/shorten>

Request

```
{  
  "originalUrl": "https://www.google.com"  
}
```

Response

```
{  
  "shortUrl": "http://localhost:3000/8WMIg_JI-"  
}
```