

## INTRODUCTION

The portal is based on Flask (Python Web Framework ) and as backend on MongoDB.

**Framework :Flask( Python)**

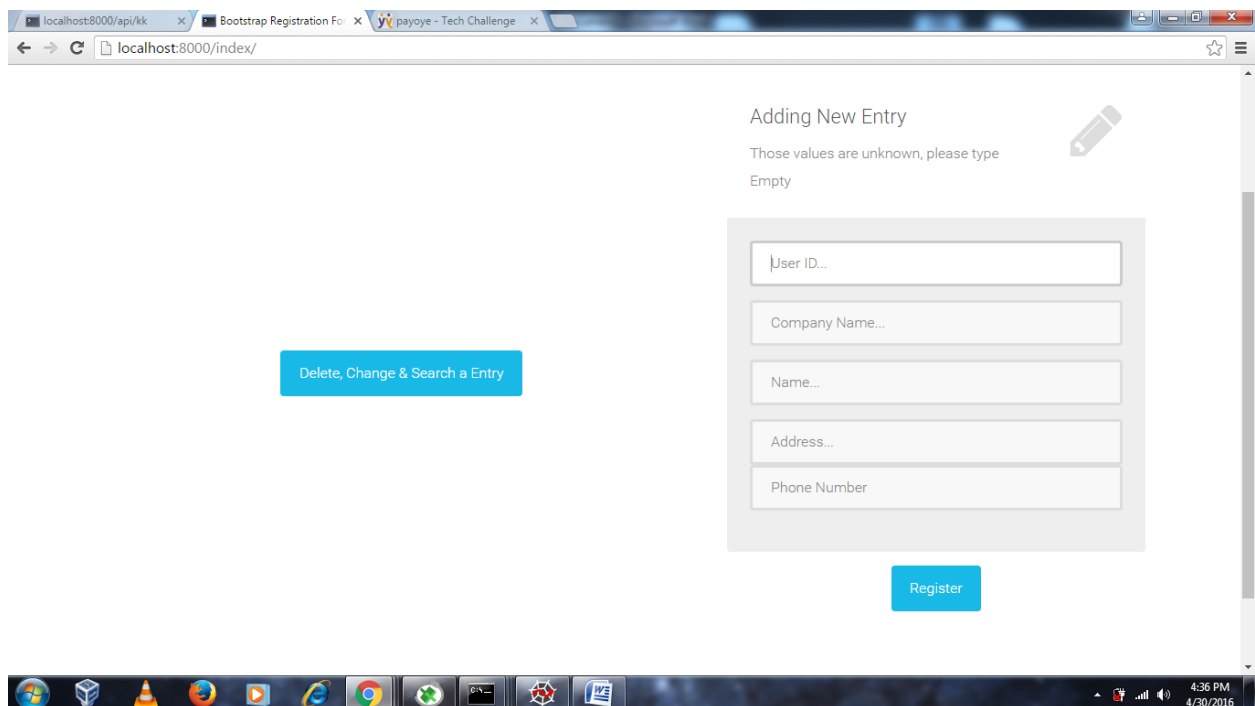
**Database : MongoDB.**

The portal is about handling visiting users.

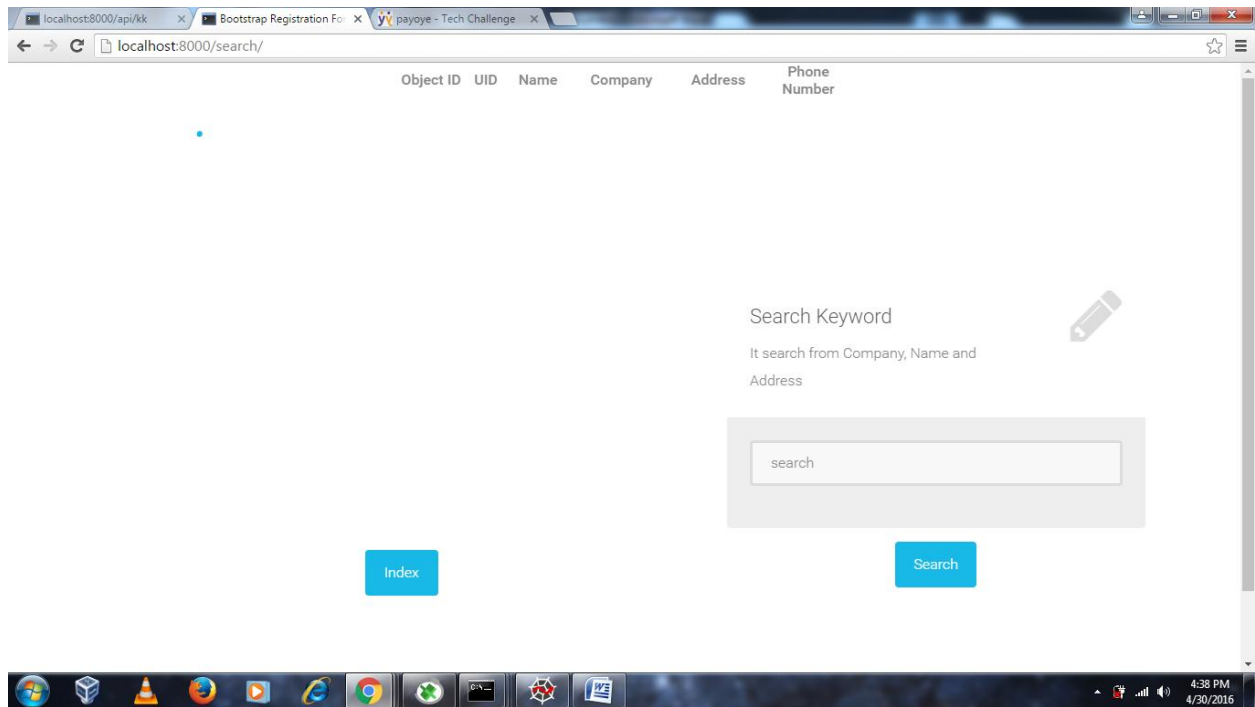
### About Database

The documents of MongoDB contain various fields like uid, name, company name, address & phone number.

### Screenshots



This screenshot is about adding new entries.



This screenshot about searching the keyword, the search query search from company, name and Address.

The search query use regex so it also can search from partial exact keywords.

```
output = db.card.find({"$or":[{"name" : {'$regex': search }},  
                           {"address" : {'$regex': search}},  
                           {"company" : {'$regex': search}}]})
```

Search query in MongoDB.

localhost:8000/api/kk   localhost:8000/search/   payoye - Tech Challenge

localhost:8000/search/

Object ID	UID	Name	Company	Address	Phone Number		
572491feaf15e3127c179e6b	453	Arpit	KK	KK Corp	8925479852	<a href="#">update address</a>	<a href="#">delete</a>
57249210af15e3127c179e6c	458	Ashutosh	KK	KK Corp	8925479834	<a href="#">update address</a>	<a href="#">delete</a>
5724921eaf15e3127c179e6d	451	Deebu	KK	KK Corp	8925479823	<a href="#">update address</a>	<a href="#">delete</a>

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The above search query is result of “KK” that searched from company field. From there we can delete or change the address from a field.

localhost:8000/api/kk   localhost:8000/api/Arpit   payoye - Tech Challenge

localhost:8000/api/Arpit

```
{
  "name": "Arpit",
  "response": [
    {
      "address": "KK Corp",
      "company": "KK",
      "name": "Arpit",
      "number": "8925479852",
      "uid": "453"
    }
  ]
}
```

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The above page is about Restful-API, I used Flask Restful to built a simple RESTful API

. In this we can get the data by adding name of any person. And it return the data in JSON.