

# User Authentication System

## SignUp

### Signup

[Login - already have an account](#)

Entering an invalid email ID



### Signup

aoagao42.com

devesh24

invalid email id

[Login - already have an account](#)

### Signup

ahujadevesh1@gmail.com

devesh24

confirm password not the same as password

[Login - already have an account](#)

If the username already exists

```
> {} user_data > ...  
[  
  {  
    "email": "temp@gmail.com",  
    "username": "tempuser",  
    "password": "temppass"  
  }  
]
```



password and confirm-password are not same



### Signup

ahujadevesh1@gmail.com

tempuser

already a username 'tempuser' exists.

[Login - already have an account](#)

Password length < 3



password length cannot be less than 3

Email ID  
already exists



### Signup

temp@gmail.com

devesh24

.....

.....

SIGN UP

already an accounts exists on that email

[Login - already have an account](#)

successful signup



### Signup

ahujadevesh1@gmail.com

devesh24

.....

.....

SIGN UP

signup successful  
please log in

[Login - already have an account](#)



Backend log

```
[LOG] POST request made
signup data --> {'email': 'ahujadevesh1@gmail.com', 'username': 'devesh24', 'password': 'Devesh555', 'confirm-password': 'Devesh555'}
validating signup info
validated
[16/Jul/2022 20:30:14] "POST /signup/ HTTP/1.1" 200 17
```



User data stored in database

```
{
  "email": "temp@gmail.com",
  "username": "tempuser",
  "password": "temppass"
},
{
  "email": "ahujadevesh1@gmail.com",
  "username": "devesh24",
  "password": "Devesh555"
}
```

# Login

### Login

[Forgot Password](#)

[Signup - create a new account](#)

Account doesn't exist  
Wrong password

### Login

[Forgot Password](#)

wrong username or password

[Signup - create a new account](#)

Logging In

```
[LOG] POST request made  
login data --> {'username': 'devesh24', 'password': 'Devesh  
555'}  
[16/Jul/2022 20:38:06] "POST /login/ HTTP/1.1" 200 16
```

Backend log

'Forgot Password'  
Changes to  
'Update Password'

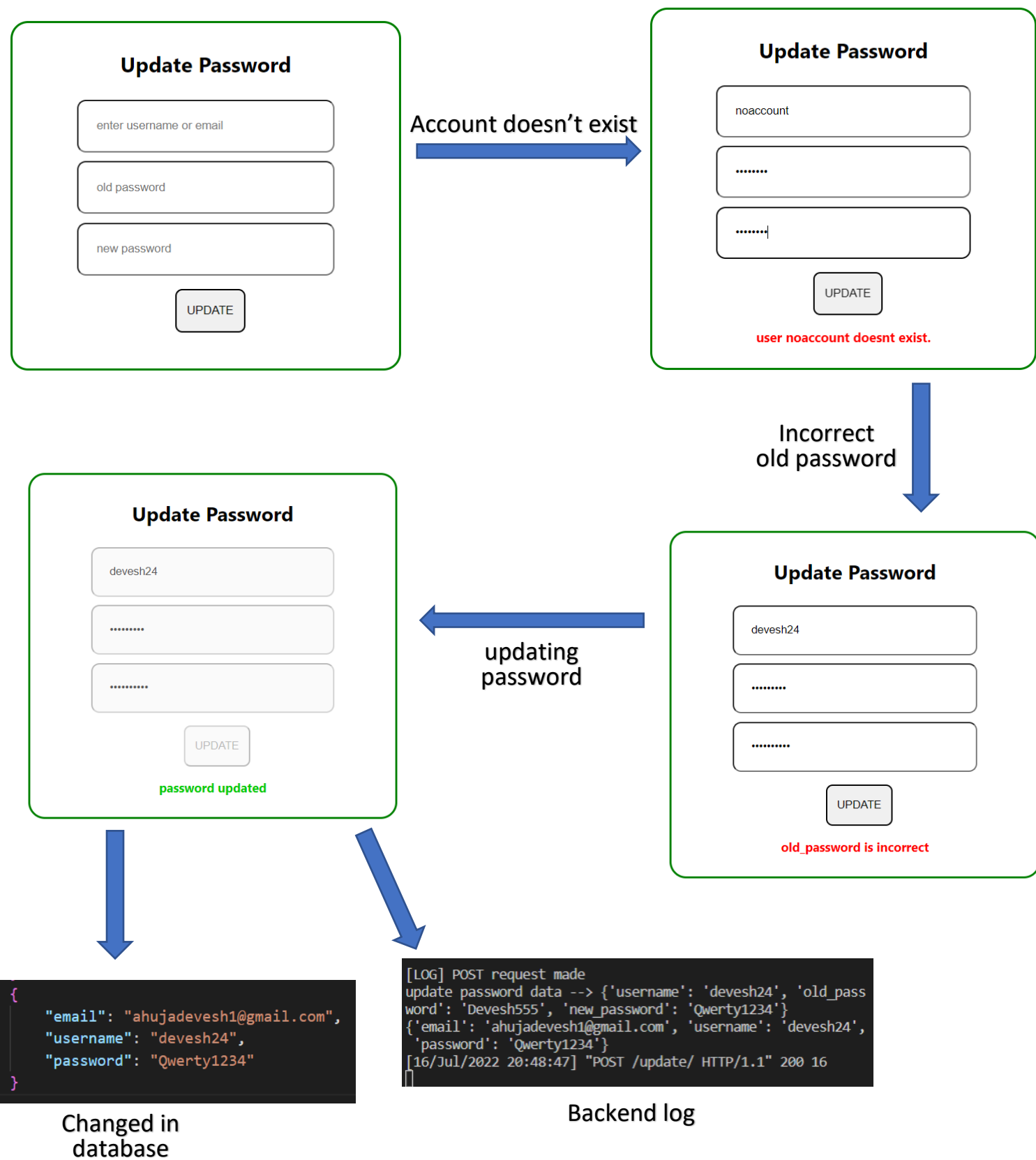
### Login

[Update Password](#)

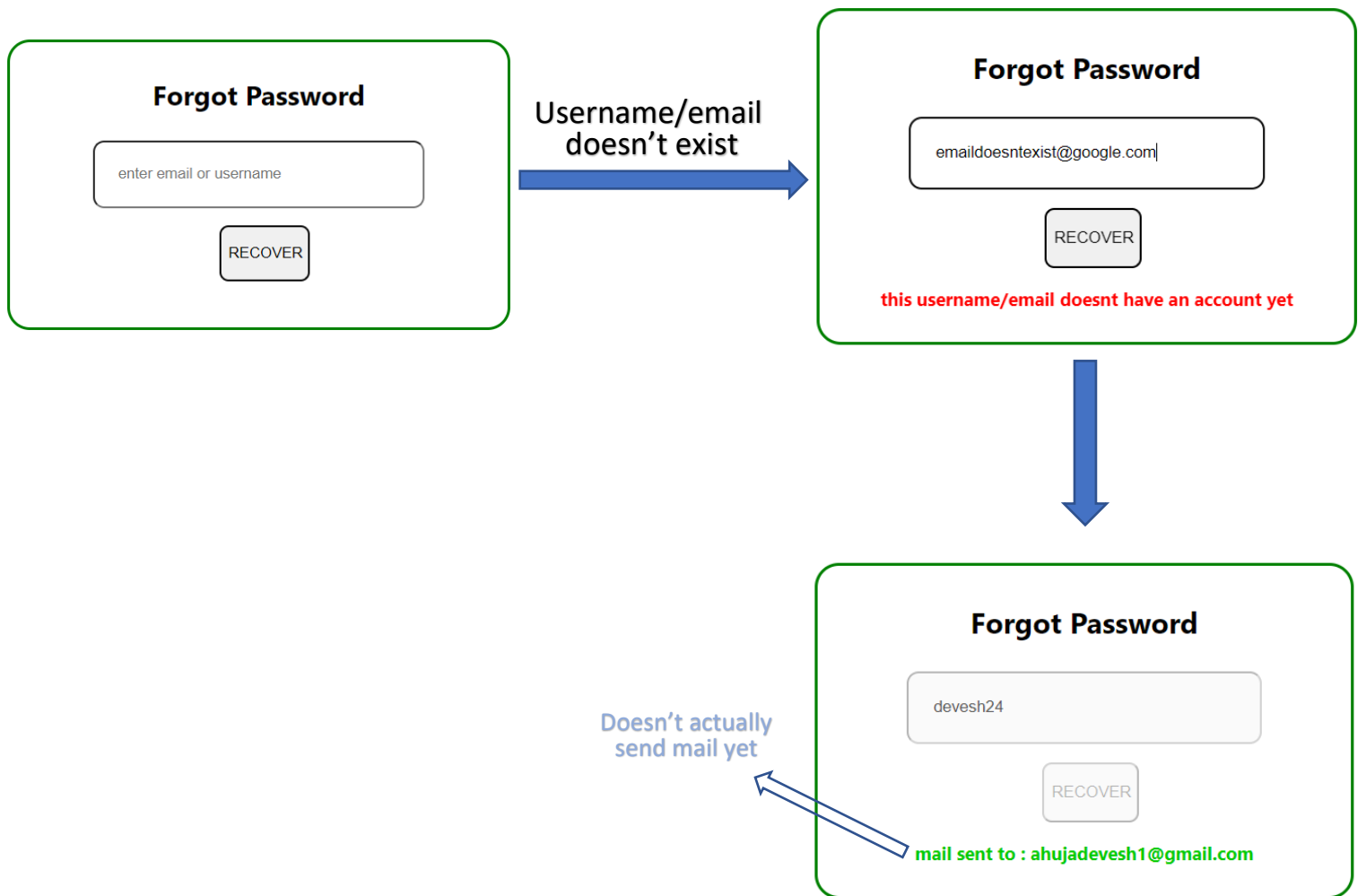
login successful

[Signup - create a new account](#)

# Update Password



# Forgot Password



# FastAPI

```
F:\VSCode\Intern Assignments\Celete1>python -u "f:\VSCode\Intern Assignments\Celete1\fast_api\main.py"
INFO: Started server process [6112]
INFO: Waiting for application startup.
INFO: Application startup complete.
INFO: Uvicorn running on http://127.0.0.1:8000 (Press CTRL+C to quit)
```

Loads data from this  
Dataset on  
server start

127.0.0.1:8000  
Returns all the data  
at '/'

127.0.0.1:8000/id/64

Returns specific data  
at '/id/{id number}'

```
{
  "userId": 4,
  "id": 64,
  "title": "voluptas consequatur qui",
  "completed": false
}
```

127.0.0.1:8000/id/999

If that id  
does not exist

```
{
  "error": "not found"
}
```

```
[
  {
    "userId": 1,
    "id": 1,
    "title": "delectus aut autem",
    "completed": false
  },
  {
    "userId": 1,
    "id": 2,
    "title": "quis ut nam facilis et officia qui",
    "completed": false
  },
  {
    "userId": 1,
    "id": 3,
    "title": "fugiat veniam minus",
    "completed": false
  },
  {
    "userId": 1,
    "id": 4,
    "title": "et porro tempora",
    "completed": true
  }
]
```

```
[
  {
    "userId": 1,
    "id": 1,
    "title": "delectus aut autem",
    "completed": false
  },
  {
    "userId": 1,
    "id": 2,
    "title": "quis ut nam facilis et officia qui",
    "completed": false
  },
  {
    "userId": 1,
    "id": 3,
    "title": "fugiat veniam minus",
    "completed": false
  }
]
```