Guide to uploading users' profile pictures (with React)

This is the bonus requirement. We implemented an HTTP trigger function that uploads pictures to Blob Storage. The idea was to decouple client from “uploading files” logic, so if we change storage account client is not affected. The following code example in React aims to help you make requests with the file you wan to upload. Backend does not have any kind of validation like file type, but I suggest you send .png files. Users should be able to upload their profile pictures and get a confirmation. And how is the client going to fetch the images? That’s a very good question. URLs to profile pictures will be included in information about sockets in a room (“onlineUsers” event). If a URL is valid, then the picture will be displayed, otherwise the client should display a default picture.

All pictures have the same base url + user’s email. For example:
https://yggrasil.blob.core.windows.net/profile-pictures/useremail@stud.kea.dk.png
Blob storage host name /container name/user’s email .png

```
import './App.css';
import {
  useState
} from 'react';
import axios from "axios";

// URL to send the file to
// query parameter “filename” is required
const baseURL =
`https://uploadprofilepictures.azurewebsites.net/api/HttpTrigger1?filename=`;

function App() {

  const [image, setImage] = useState('')

  const userEmail = 'useremail@stud.kea.dk'

  const handleChange = (e) => {
    setImage(e.target.files[0])
  }

  const handleApi = () => {
    const formData = new FormData()
    const config = {
      headers: {
        'Content-Type': 'multipart/form-data'
      }
    }
    formData.append('image', image)
    axios.post(baseURL + userEmail + '.png', formData, config).then(result => {
      console.log(result.data)
      alert('success')
    })
      .catch(error => {
        alert('service error')
        console.log(error)
      })
  }

  return (
    <div className="App">
      <div>
        IMAGE UPLOAD
        <input type="file" onChange={handleChange} /> <br />
        <button onClick={handleApi} >SUBMIT</button>
      </div>

      <div style={{ width:170, height: 170 }}>
        <img style={{width: "100%", height: "auto"}} src="https://yggrasil.blob.core.windows.net/profile-pictures/useremail@stud.kea.dk.png" alt="default-profile-picture" />
      </div>

    </div>
  );
}

export default App;
```