项目截图

1. 登陆页面

登录

姓名： tom

密码： ••••••

登录

2. 主页

相册名称

上传照片
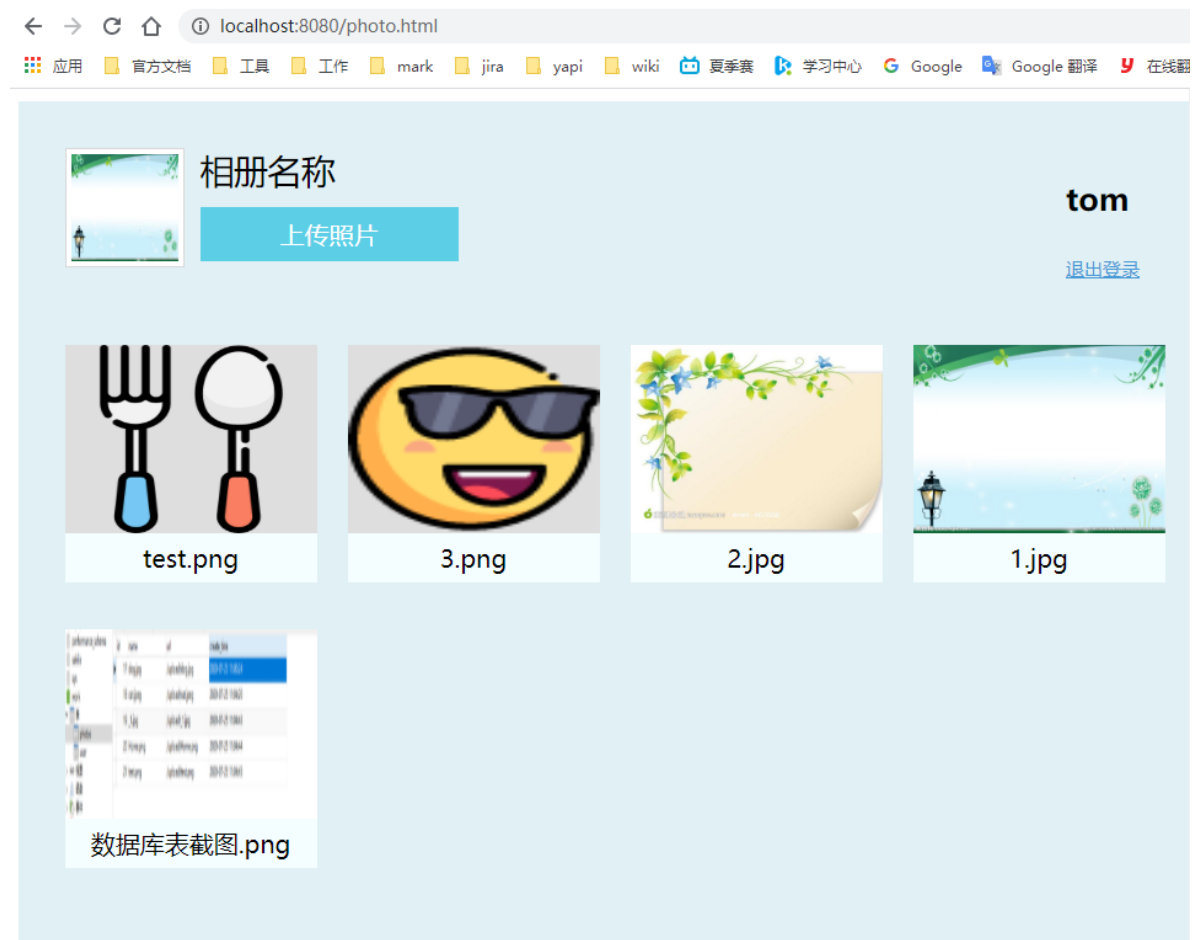
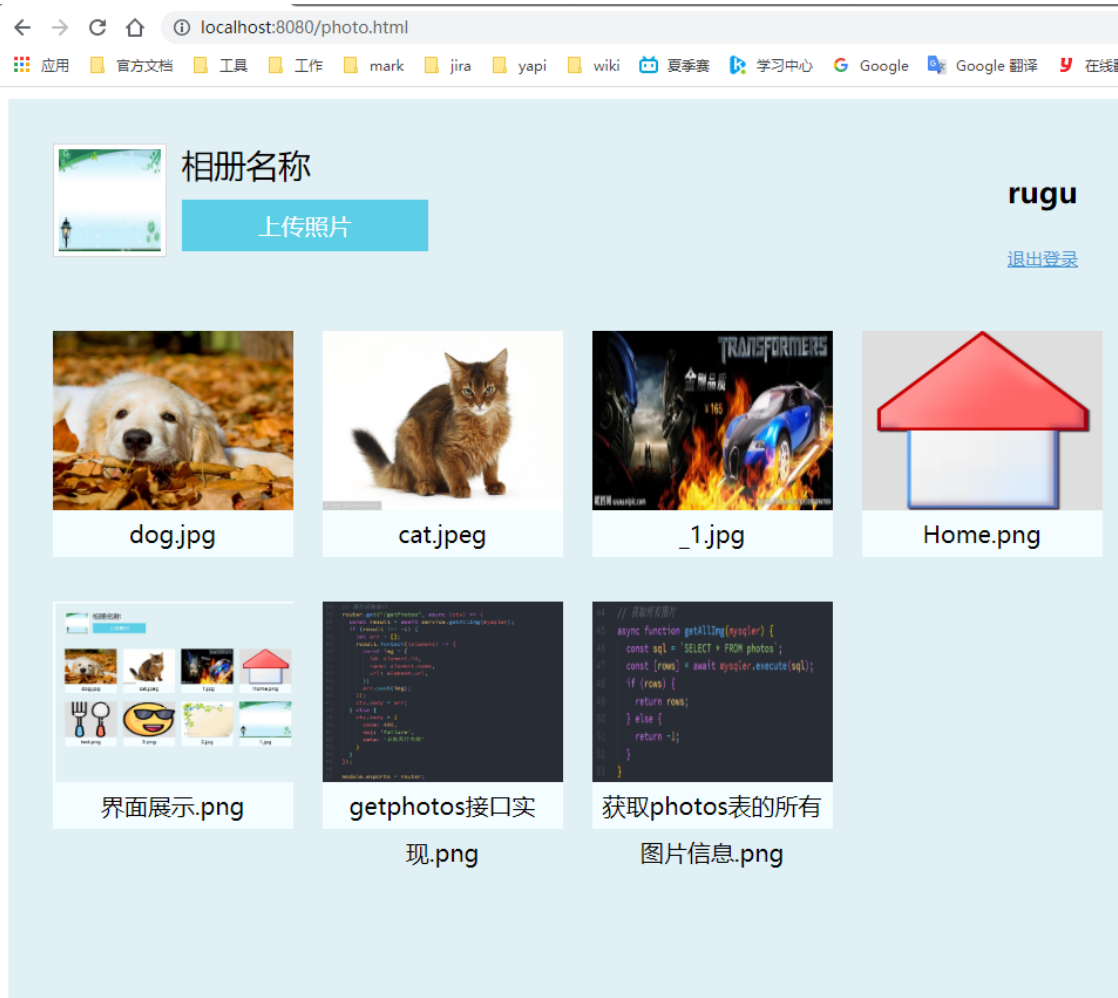**tom**

退出登录

test.png

3.png

2.jpg

1.jpg

数据库表截图.png

3. 换个用户

4. 登录接口

```
76  router.post("/login", async (ctx) => {
77    const opts = ctx.request.body;
78    const uid = await service.checkLoginInfo(opts, mysqler);
79    let res;
80    if (uid) {
81      const token = jwt.sign({ uid }, secret, {
82        expiresIn: "2h",
83      });
84      res = {
85        code: 200,
86        msg: "login success",
87        data: {
88          token,
89        },
90      };
91    } else {
92      res = {
93        code: 401,
94        msg: "login fail",
95        data: "用户名或密码不正确",
96      };
97    }
98
99    ctx.body = res;
100  });
```

5. 图片上传接口

```
14    // 图片上传接口
15  router.post("/upload", koaJwt, async (ctx) => {
16    const uid = ctx.state.user.uid
17
18    const { img } = ctx.request.files;
19    const result1 = service.saveImg(img, img.name);
20    const opts = {
21      name: img.name,
22      url: "/upload/" + img.name,
23      uid: uid,
24    };
25    const result2 = await service.saveImgToDatabase(opts, mysqler);
26    if (result1 === 1 && result2 === 1) {
27      ctx.body = {
28        code: 200,
29        msg: "success",
30        data: "上传成功",
31      };
32    } else {
33      ctx.body = {
34        code: 400,
35        msg: "failure",
36        data: "上传失败",
37      };
38    }
39  });
```

7. 图片获取接口

```
41    // 图片获取接口
42    router.get("/getPhotos", koaJwt, async (ctx) => {
43      const uid = ctx.state.user.uid
44      const result = await service.getAllImg(mysqler, uid);
45      const username = await service.getUserName(mysqler, uid);
46
47      let res;
48      if (result !== -1 && username !== -1) {
49        let arr = [];
50        result.forEach((element) => {
51          const img = {
52            id: element.id,
53            name: element.name,
54            url: element.url,
55          };
56          arr.push(img);
57        });
58        res = {
59          code: 200,
60          msg: "OK",
61          data: {
62            photos: arr,
63            username: username,
64          },
65        };
66      } else {
67        res = {
```

8. 前端登录方法

```
JS login.js  upload-photos-V2.0\static\js\login.js\...
1    (function login() {
2      const login = document.querySelector("#login");
3      login.addEventListener("click", () => {
4        const username = document.login.username.value;
5        const password = document.login.password.value;
6        const opts = {
7          username,
8          password,
9        };
10       console.log(opts);
11       loginRequest(opts);
12     });
13   })();
```

9. 发送登录请求

```
15  function loginRequest(opts) {
16    const xhr = new XMLHttpRequest();
17    xhr.open("post", "/login");
18    let formData = new FormData();
19    for (let key in opts) {
20      formData.append(key, opts[key]);
21    }
22    xhr.send(formData);
23    xhr.onload = () => {
24      const res = JSON.parse(xhr.response);
25      if (+res.code === 200) {
26        saveToken(res.data);
27        jumpToHomePage();
28      } else {
29        alert('账号或密码错误')
30      }
31    };
32  }
```

10. 保存token并跳转主页

```
34  function jumpToHomePage() {
35    window.location.href = "/photo.html";
36  }
37
38  function saveToken(data) {
39    console.log(data);
40    localStorage.setItem("token", data.token);
41  }
42
```

11. 退出登录

```
25  logoutElement.addEventListener('click', ()=>{
26    logout()
27  })
28
29  function logout() {
30    // 删除token
31    localStorage.removeItem('token')
32    // 跳转到登录页
33    window.location.href = '/index.html'
34  }
```