**HTTP server (Forgot Password, Email verification) 80/9065 李**

**Account Management Component**: **9066 李**

**Query Component: 9067 陈**

**Post Component: 9068 丁**

**Response Component: 9069 王**

**Chatting Component: 9070**

**Picture Component: 9071 丁**

**Notification Component 9072 李**

**HTTP Picture Server 9073**

**HTTP Picture Server 2 9074**

**Error Msg: {"success":false,"msg":"Password doesn't match"}**

**operation:Login**

{"operation":"Login","username":"lhc1","password":"qwe"}

**operation:Signup**

{"operation":"Signup","username":"lhc8","password":"444","email":"8@yopmail.com"}

**operation:ForgetPW**

{"operation":"ForgetPassword","username":"lhc4"}

{"success":true,"email":"4@a.b"}

**operation:ModifyProfile**

{"operation":"ModifyProfile","username":"lhc1","changes":[{"username":"lhc11"},{"password":"1111"}]}

**operation:GetProfile**

{"operation":"GetProfile","username":"lhc1"}

**operation:Rate**

{"operation":"Rate","username":"lhc1","score":3.5, "postID":"56355c27519882c405964950"}

***Query Component:***

**operation:Query**

{"operation":"Query","category":"FoodDiscover"}

[{"title":"req1","isRequest":true,"postTime":"2015-10-02T02:44:34.613Z","category":"FoodDiscover","postID":0,"TranscationCompleted":false},

{"title":"req2","isRequest":true,"postTime":"2015-10-02T02:44:34.613Z","category":"FoodDiscover","postID":1,"TranscationCompleted":false},

{"title":"req3","isRequest":true,"postTime":"2015-10-02T02:44:34.613Z","category":"FoodDiscover","postID":2,"TranscationCompleted":true},

{"title":"req3","isRequest":true,"postTime":"2015-10-02T02:44:34.613Z","category":"FoodDiscover","postID":2,"TranscationCompleted":true},

{"title":"prov2","isRequest":false,"postTime":"2015-10-02T02:44:34.613Z","category":"FoodDiscover","postID":4,"TranscationCompleted":false}]

**Post Component:**

**operation:CreatePost**

{"operation":"CreatePost","title":"req1","isRequest":true,"category":"FoodDiscover","TranscationCompleted":false, "Myproperty":5 }

{"success":true,"id":"563b694e3a1fdd84457654f1"}

{"operation":"DeletePost","postID":"563cb730890dc31269b1320f"}

{"success":true}

***Response Component:***

**operation:**GetPostDetail

{"operation":"GetPostDetail","postID":"56355c27519882c405964950"}

{"success":true,"object":{"title":"req1","isRequest":true,"postTime":"2015-10-02T02:44:34.613Z","username":"lhc1","position":{},"description":"req1 sent by lhc1","quantity":1,"bounty":500,"contact":"7651234567","photo":[],

"response":[{"username":"lhc1","comment":"lhc1 480","bounty":480},

{"username":"lhc2","content":"lhc2 450","bounty":450}],

"category":"FoodDiscover",

"postID":0,

"TranscationCompleted":false}}

**operation:**OfferPrice:

{"operation":"OfferPrice","postID":"56355c27519882c405964950","username":"lhc1","comment":"lhc1’s offer","offeredPrice":460}

**operation:**DeleteOffer:

{"operation":"DeleteOffer","postID":"56355c27519882c405964950","username":"lhc1"}

**operation:**AcceptOffer:

{"operation":"AcceptOffer","postID":"56355c27519882c405964950","username":"lhc1"}

**Picture Component:**

**(Judge upload/get by length)**

Upload Picture:

Request:

binary data of a picture

Response:

ID

Get Picture:

Request:

ID

Response:

binary data of a picture

**Web server**

<http://blitzproject.cs.purdue.edu/verify?username=lhc4&code=836497>

[http://](http://127.0.0.1:8000/verify?username=lhc4&code=836497)[blitzproject.cs.purdue.edu](http://blitzproject.cs.purdue.edu/verify?username=lhc4&code=836497)[/reset?username=lhc4&code=836497](http://blitzproject.cs.purdue.edu/reset?username=lhc4&code=836497)

**Notification Component 9072 李**

**operation:**GetNotifications:

{"operation":"GetNotifications","username":"lhc1"}

[{"\_id":"5643d87dfa7cfbd78683ec28","username":"lhc1","msg":"Notificaion 1","postID":"56355d0b519882c405964954"},

{"\_id":"56440bc7df812b946a7a6e6f","postID":"56355c27519882c405964950","username":"lhc1","msg":"msg2 for lhc1"}]

**operation:**PostNotifications:

{"operation":"PostNotifications","postID":"56355c27519882c405964950","username":"lhc1","msg":"msg2 for lhc1"}

{"operation":"PostNotifications","postID":"56355c27519882c405964950","username":"test1","msg":"msg2 for test1"}

Database structure:

Account: username-Index,password,email-Index,rating,ratingCount,avatar

Post:

postID-Index,title-Index,isRequest-Index, postTime-Index,username-Index,Position{}, description,quantity, bounty-Index, contact, photo[id], response[{username-Index,comment,bounty}],category-Index,具体内容, TranscationCompleted:T/F

*createpost:*

{"operation":"CreatePost","username":"qwe","position":{},"description":"test post function","quantity":"1","title":"testtesttest","bounty":"100","contact":"","TransactionCompleted":"false","photo":[],"response":[],"isRequest":"true","category":"car"}

*return:*

{"success":true,"id":"563269fbe703e90e46558df1"}

Photo: id-Index,data(Binary)

{"operation":"upload"}

{"success":true,"id":"563bd4ad499a593a0ac7b1fb"}

{"operation":"getpic",”id”:”563bd4ad499a593a0ac7b1fb”}

{"success":true,"data":".........."}

A small picture:

{"operation":"upload"}

19209

{"success":true,"id":"564511a0a12ea46719313af6"}

some new image Id: 5668ebbe1fe810bc39cab4af

类别名字

**case** 1:**selectedCategory** = **"FoodDiscover"**;

**break**;

**case** 2:**selectedCategory** = **"Carpool"**;

**break**;

**case** 3:**selectedCategory** = **"House Rental"**;

**break**;

**case** 4:**selectedCategory** = **"Other"**;

**break**;

{"offeredPrice":120,"comment":"gg","postID":"56355c27519882c405964950","operation":"OfferPrice","username":"lhc1"}

{"error":"ReferenceError: ObjectID is not defined"}

Tools.*postNotification*(postid,(String)offerdata.get(position).get("username"), "Great! Your offer/request has been accepted!");

Tools.*postNotification*(postid, postusername, "Great! There is someone left message in your post!");

{“operation”:”upload”,”data”:”xxxxxxxxxxxxxxxxxxxxxxxxx”}

{“operation”:”getpic”,”id”:”566a576e2a51ab73719cb0c1”}