页面 1

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 路径 | 输入 | 输出 |
| Main page | / |  | html |

页面 2

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 路径 | 输入 | 输出 |
| User Login | /login | {  Username: String,  Userrealname: String,  Password: String  } | {  Success: Bool  Msg: String  } |

页面 3

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 路径 | 输入 | 输出 |
| Show Ins | /ins |  | html |

页面 4

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 路径 | 输入 | 输出 |
| Detailed Ins | /ins/?id=xxx |  | html |

页面 5

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 路径 | 输入 | 输出 |
| Purchase Ins | /ins/purchase/ | {  Typeid: Number,  Userid: Number,  Copies: Number,  } | {  Success: Bool  Msg: String  } |

页面 6

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 路径 | 输入 | 输出 |
| Get Ins List | /user/list |  | {  totalNum: Number,  {  Insid: Number,  Title: String,  Description: String,  Status: Number  }  } |

页面 7

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 路径 | 输入 | 输出 |
| Claim Ins | /ins/claim/ | {  Id: Number,  Photo: Photo  } | {  Success: Bool  Msg: String  } |

页面 8

NOPE

DB

1 USER

Name: String

Userid: Number

Realname: String

Password: String

Balance: Number

Orders: [Number]

UserType: Number

// 1 for users

(方法)

getUserById = function (id, callback)

getUserByUsername = function (username, callback)

addUser = function (newUser, callback)

comparePassword = function (candidatePassword, hash, callback)

addBalancebyId = function (id, delta, callback)

addBalance = function (username, delta, callback)

2 InsType

Title: String

InsId: Number

Pic: String(url)

PeopleBought: Number

Rate: Double

Short: String

Long: String

BoughtPrice: Number

ClaimPrice: Number

（方法）

getAllType = function(callback)

addType = function(newType)

3 InsOrder

OrderId: Number

UserId: Number

InsId: Number

PeriodLength: Time

Status: Number

// 1 for bought, 2 for claiming, 3 for reject, 4 for given

Msg: String

(方法)

getOrderByUserId = function(user, callback)

addOrder = function(newOrder)

updateOrder = function(orderid, newstatus)