1. 选择出库类型

|  |  |
| --- | --- |
| URL | / OutstorageCheckIn/ getOutstorageType.do |
| 无值的json的格式 | {  "message": "nothing"  } |
| 有值的json的格式 | [  {  "id": "1",  "name": "借用",  "remark": ""  },  {  "id": "2",  "name": "领用",  "remark": ""  },  {  "id": "3",  "name": "赠予",  "remark": ""  }  ] |

1. 根据选择的入库类型传回相应的首页

|  |  |
| --- | --- |
| URL | / OutstorageCheckIn/ getOutstorageHome.do |
| 接受json的格式 | {  "outStorageTypeId ": "所选的出库类型Id类型(1、借用，2、领用，3、赠与)",  "pageIndex": "当前请求页默认1",  "pageCount": "页大小"  } |
| 正常返回json的格式  （借用） | {  "pageSize": 1,  "resultList": [  {  "applyTime": "2016-05-31 04:58:17",  "auditTime": "2016-05-24 07:48:52",  "auditor": "1",  "auditorName": "",  "borrowDepartmentId": 1,  "borrowNum": 3,  "borrowTime": null,  "borrower": "1",  "borrowerName": "余晓明",  "departmentName": "新闻部",  "id": "7",  "isDisplay": 1,  "isReturn": 0,  "isValid": 1,  "itemId": "1",  "itemName": "铅笔",  "itemTypeId": "1",  "itemTypeName": "写字用的",  "measureUnitName": "",  "monney": 3,  "price": 1,  "reason": "",  "remark": "",  "returnTime": null,  "spec": "支",  "state": 2  }  ],  "pageIndex": 1  } |
| 正常返回json的格式  （领用） | {  "pageSize": 1,  "resultList": [  {  "applyTime": "2016-06-19 07:58:51",  "auditTime": "2016-06-19 07:58:25",  "auditor": "1",  "id": "2",  "isDisplay": 1,  "isValid": 0,  "itemId": "it001605150000",  "itemName": "物品名称",  "itemTypeId": "1",  "monney": 10,  "price": 10,  "reason": "",  "recipientDepartmentId": 1,  "recipientNum": 1,  "recipientTime": null,  "recipienter": "1",  "remark": "",  "spec": "1",  "state": 2  },  {  "applyTime": "2016-06-19 07:58:54",  "auditTime": "2016-06-19 07:58:37",  "auditor": "2",  "id": "3",  "isDisplay": 1,  "isValid": 1,  "itemId": "it001605150000",  "itemName": "物品名称",  "itemTypeId": "2",  "monney": 10,  "price": 10,  "reason": "",  "recipientDepartmentId": 2,  "recipientNum": 1,  "recipientTime": null,  "recipienter": "2",  "remark": "",  "spec": "O(∩\_∩)O哈哈哈~",  "state": 2  }  ],  "pageIndex": 1  } |
| 正常返回json的格式  （赠与） | {  "pageSize": 1,  "resultList": [  {  "id": "1",  "inventory": 3, ---------------------》库存数量  "inventoryMonney": 230,  "itemId": "it001605150000",  "itemName": "物品名称",  "itemTypeId": "1",  "measureUnitId": "1",  "price": 10,  "remark": "",  "spec": "规格型号"  },  {  "id": "2",  "inventory": 10,  "inventoryMonney": 0,  "itemId": "it001605150001",  "itemName": "物品名称",  "itemTypeId": "1",  "measureUnitId": "1",  "price": 0,  "remark": "",  "spec": "规格型号"  },  {  "id": "3",  "inventory": 10,  "inventoryMonney": 0,  "itemId": "it001605290000",  "itemName": "物品名称",  "itemTypeId": "1",  "measureUnitId": "1",  "price": 0,  "remark": "",  "spec": "规格型号"  },  {  "id": "4",  "inventory": 9,  "inventoryMonney": 24,  "itemId": "it001606150000",  "itemName": "物品名称",  "itemTypeId": "1",  "measureUnitId": "1",  "price": 3,  "remark": "",  "spec": "规格型号"  },  {  "id": "5",  "inventory": 2,  "inventoryMonney": 1,  "itemId": "1",  "itemName": "1",  "itemTypeId": "1",  "measureUnitId": "1",  "price": 1,  "remark": "",  "spec": "1"  }  ],  "pageIndex": 1  } |
| 异常json格式 | {  "message": "当前还未实现此功能的入库登记"  } |
| {  "message": "该类型下无记录"  } |

三、单条出库操作

|  |  |
| --- | --- |
| URL | / OutstorageCheckIn/ operateOutStorageCheckIn.do |
| 接受json的格式 | {  "outStorageTypeId": "1",  "id": 8,  "operaterId": 2  }  赠与出库  {  "outStorageTypeId": "3",  "id": 4,  "operaterId": 2,  "recipienter": "1",  "number": 1  } |
| 正常返回json的格式 | {"message":"此借用申请出库成功！"} |
|  | {\"message\":\"此赠予记录出库成功！\"} |
| 异常json格式 | {\"message\":\"人员领用表插入失败！\"} |
| {\"message\":\"部门领用表插入失败！\"} |
| {\"message\":\"部门领用表插入失败！\" |
| {\"message\":\"传入的出库类型有误！\"} |
| {\"message\":\"出库登记表插入失败！\"} |

三 补充：

批量出库操作：

|  |  |
| --- | --- |
| URL | / OutstorageCheckIn/ operateOutStorageCheckIn.do |
| 接受json的格式 | 借用/领用  {  "outStorageTypeId": "1",  "idList": [  {  "id": "7"  },  {  "id": "8"  },  {  "id": "9"  }  ],  "operaterId": 2,  }  赠与出库无批量操作 |
| 正常返回json的格式 | {  "message": "本组物品批量出库成功！"  } |
| 异常json格式 | return "{\"message\":\"库存预警表库存更改失败！\"}" |
| "{\"message\":\"物品分类汇总表库存更改失败！\"}" |
| "{\"message\":\"数据库中无相应的领用申请单\"}" |
| "{\"message\":\"传入的出库类型有误！\"}" |
| {\"message\":\"人员领用表插入失败！\"} |
| {\"message\":\"部门领用表插入失败！\"} |
| {\"message\":\"部门领用表插入失败！\" |
| {\"message\":\"传入的出库类型有误！\"} |
| {\"message\":\"出库登记表插入失败！\"} |

四、出库统计

|  |  |
| --- | --- |
| URL | / OutstorageCheckIn/ getOutstorageSummary.do |
| 接受json的格式 | {  "outStorageTypeId ": "所选的出库类型Id类型(1、借用，2、领用，3、赠与)",  "pageIndex": "当前请求页默认1",  "pageCount": "页大小"  } |
| 有值的json的格式 | {  "pageSize": 2,  "resultList": [  {  "applyId": "1",  "departmentId": "1",  "id": "it",  "operaterId": "1",  "outStorageDate": "2016-05-18 01:35:56",  "outStorageTypeId": 1,  "recipienter": "1",  "remark": "",  "totalMonney": 1,  "totalNumber": 1  },  {  "applyId": "1\_2\_3",  "departmentId": "1",  "id": "os001605230000",  "operaterId": "2",  "outStorageDate": "2016-05-23 07:52:53",  "outStorageTypeId": 1,  "recipienter": "1",  "remark": "备注",  "totalMonney": 1000,  "totalNumber": 20  }  ],  "pageIndex": 1  } |
| 无值的json的格式 | {  "message": "nothing"  } |

**借用**

五、获取所有已审核的借用申请记录

|  |  |
| --- | --- |
| URL | / BorrowApply/ getAuditBorrowApplies.do |
| 接受json的格式 | {  "pageIndex": "当前请求页默认1",  "pageCount": "页大小"  } |
| 有值的json的格式 | {  "pageSize": 1,  "resultList": [  {  "applyTime": "2016-05-17 08:33:03",  "auditTime": "2016-05-17 10:46:04",  "auditor": "1",  "auditorName": "",  "borrowDepartmentId": 1,  "borrowNum": 2,  "borrowState": 2,  "borrowTime": "2016-05-17 11:32:51",  "borrower": "1",  "borrowerName": "余晓明",  "departmentName": "新闻部",  "id": "5",  "isDisplay": 1,  "isReturn": 0,  "isValid": 1,    "itemId": "1",  "itemName": "铅笔",  "itemTypeId": "1",  "itemTypeName": "写字用的",  "maxBorrowTime": "2016-05-18 10:46:04",  "measureUnitName": "",  "monney": 4,  "price": 2,  "reason": "",  "remark": "",  "returnTime": null,  "spec": "支",  "state": 2,  "telephone": "1"  },  {  "applyTime": "2016-05-31 07:13:28",  "auditTime": "2016-05-17 10:55:07",  "auditor": "1",  "auditorName": "",  "borrowDepartmentId": 2,  "borrowNum": 1,  "borrowState": 2,  "borrowTime": "2016-05-17 11:33:09",  "borrower": "2",  "borrowerName": "zsy",  "departmentName": "宣传部",  "id": "6",  "isDisplay": 1,  "isReturn": 0,  "isValid": 1,  "itemId": "1",  "itemName": "铅笔",  "itemTypeId": "1",  "itemTypeName": "写字用的",  "maxBorrowTime": "2016-05-18 10:55:07",  "measureUnitName": "",  "monney": 1,  "price": 1,  "reason": "",  "remark": "",  "returnTime": null,  "spec": "支",  "state": 2,  "telephone": "2"  },  {  "applyTime": "2016-05-31 07:26:30",  "auditTime": "2016-05-24 07:48:52",  "auditor": "1",  "auditorName": "",  "borrowDepartmentId": 1,  "borrowNum": 3,  "borrowState": 1,  "borrowTime": null,  "borrower": "1",  "borrowerName": "余晓明",  "departmentName": "新闻部",  "id": "7",  "isDisplay": 1,  "isReturn": 0,  "isValid": 0,  "itemId": "it001605150000",  "itemName": "铅笔",  "itemTypeId": "1",  "itemTypeName": "写字用的",  "maxBorrowTime": "2016-05-25 07:48:52",  "measureUnitName": "",  "monney": 3,  "price": 10,  "reason": "",  "remark": "",  "returnTime": null,  "spec": "支",  "state": 2,  "telephone": "1"  }  ],  "pageIndex": 1  } |
| 无值的json的格式 | {  "message": "当前没有审核通过的借用申请记录！"  } |
| 异常json格式 | {\"message\":\"库存预警表还原库存量失败！\"} |
| {\"message\":\"物品分类表还原库存量失败！\"} |

六、删除借用申请记录

1. 通过物品id查询出库存紧张且已经过期

|  |  |
| --- | --- |
| URL | / BorrowApply/ deleteAuditBorrowApply .do |
| 接受json的格式 | {    "Id": "借用记录id"  } |

七、获取所有未审核的借用申请记录

|  |  |
| --- | --- |
| URL | / BorrowApply/ getUnAuditBorrowApplies .do |
| 接受json的格式 | {  "pageIndex": "当前请求页默认1",  "pageCount": "页大小"  } |
| 有值的json的格式 | {  "pageSize": 2,  "resultList": [  {  "applyId": "1",  "departmentId": "1",  "id": "it",  "operaterId": "1",  "outStorageDate": "2016-05-18 01:35:56",  "outStorageTypeId": 1,  "recipienter": "1",  "remark": "",  "totalMonney": 1,  "totalNumber": 1  },  {  "applyId": "1\_2\_3",  "departmentId": "1",  "id": "os001605230000",  "operaterId": "2",  "outStorageDate": "2016-05-23 07:52:53",  "outStorageTypeId": 1,  "recipienter": "1",  "remark": "备注",  "totalMonney": 1000,  "totalNumber": 20  }  ],  "pageIndex": 1  } |
| 无值的json的格式 | {  "message": "nothing"  } |
| 异常json格式 |  |

八、管理员进行审核操作，其结果可能是审核通过，有可能是不通过

|  |  |
| --- | --- |
| URL | / BorrowApply/ operateBorrowAudit .do |
| 接受json的格式 | {  "pageIndex": "当前请求页默认1",  "pageCount": "页大小"  "operate": 0 传入operate 其中0表示不通过，1表示通过  "id": "7" 借用记录id  "auditId": "1" 审核员工号  } |

九、用户查询当前借用物品的信息

|  |  |
| --- | --- |
| URL | / BorrowApply/ userCurrentBorrowApply .do |
| 接受json的格式 | {  "pageIndex": "当前请求页默认1",  "pageCount": "页大小"  "itemId":"it001605150000"  "itemName":"物品名称"  "itemTypeId":"1"  } |
| 有值的json的格式 | {  "pageSize": 1,  "resultList": [  {  "id": "1",  "inventory": 10,  "inventoryMonney": 0,  "itemId": "it001605150000",  "itemName": "物品名称",  "itemTypeId": "1",  "measureUnitId": "1",  "price": 10,  "remark": "",  "spec": "规格型号"  }  ]  } |
| 无值的json的格式 | {  "message": "啊哦，没有相应的记录哦！"  } |

十、用户提交借用申请的操作

|  |  |
| --- | --- |
| URL | / BorrowApply/ submitBorrowApply .do |
| 接受json的格式 | {  "BorrowNum": 1 借用数量  "borrower": 2 借用人员工号  "itemClassificationSummary": {  "inventory": 10, 库存  "itemId": "it001605150000", 物品id  "itemName": "物品名称",  "itemTypeId": "1", 物品类型id  "spec": "啦啦啦" 描述  }  } |
| 正常json格式 | {"state":"申请成功"} |
| 异常json格式 | {"state":"申请失败"} |

十一、用户查询历史借用申请的信息

|  |  |
| --- | --- |
| URL | / BorrowApply/ userHistoryBorrowApply .do |
| 接受json的格式 | {  "pageIndex": "当前请求页默认1",  "pageCount": "页大小"  "borrower": 借用人员工号  } |
| 有值的json的格式 | {  "pageSize": 1,  "resultList": [  {  "applyTime": {  "date": 24,  "day": 2,  "hours": 11,  "minutes": 33,  "month": 4,  "seconds": 3,  "time": 1464060783000,  "timezoneOffset": -480,  "year": 116  },  "auditTime": {  "date": 17,  "day": 2,  "hours": 0,  "minutes": 46,  "month": 4,  "seconds": 4,  "time": 1463417164000,  "timezoneOffset": -480,  "year": 116  },  "auditor": "1",  "auditorName": "余晓明",  "borrowDepartmentId": 1,  "borrowNum": 2,  "borrowTime": {  "date": 1,  "day": 5,  "hours": 11,  "minutes": 32,  "month": 3,  "seconds": 51,  "time": 1459481571000,  "timezoneOffset": -480,  "year": 116  },  "borrower": "1",  "id": "5",  "isDisplay": 1,  "isReturn": 0,  "isValid": 1,  "itemId": "1",  "itemName": "铅笔",  "itemTypeId": "1",  "itemTypeName": "写字用的",  "maxBorrowTime": null,  "monney": 4,  "preReturnTime": {  "date": 1,  "day": 0,  "hours": 11,  "minutes": 32,  "month": 4,  "seconds": 51,  "time": 1462073571000,  "timezoneOffset": -480,  "year": 116  },  "price": 2,  "reason": "",  "remark": "",  "returnTime": null,  "spec": "支",  "state": 2,  "telephone": "1"  },  {  "applyTime": {  "date": 31,  "day": 2,  "hours": 16,  "minutes": 58,  "month": 4,  "seconds": 17,  "time": 1464685097000,  "timezoneOffset": -480,  "year": 116  },  "auditTime": {  "date": 24,  "day": 2,  "hours": 19,  "minutes": 48,  "month": 4,  "seconds": 52,  "time": 1464090532000,  "timezoneOffset": -480,  "year": 116  },  "auditor": "1",  "auditorName": "余晓明",  "borrowDepartmentId": 1,  "borrowNum": 3,  "borrowTime": null,  "borrower": "1",  "id": "7",  "isDisplay": 1,  "isReturn": 0,  "isValid": 1,  "itemId": "1",  "itemName": "铅笔",  "itemTypeId": "1",  "itemTypeName": "写字用的",  "maxBorrowTime": null,  "monney": 3,  "preReturnTime": null,  "price": 1,  "reason": "",  "remark": "",  "returnTime": null,  "spec": "支",  "state": 2,  "telephone": "1"  }  ]  } |
| 无值的json的格式 | {  "message": "您还没有相关借用记录"  } |

**领用**

十二、获取所有已审核的领用申请记录

|  |  |
| --- | --- |
| URL | / RecipientApply / getAuditRecipientApplies .do |
| 接受json的格式 | {  "pageIndex": "当前请求页默认1",  "pageCount": "页大小"  } |
| 有值的json的格式 | {  "pageSize": 1,  "resultList": [  {  "applyTime": "2016-05-31 08:26:57",  "auditTime": "2016-05-15 10:05:05",  "auditor": "1",  "auditorName": "",  "departmentName": "新闻部",  "id": "1",  "isDisplay": 1,  "isValid": 1,  "itemId": "it001605150000",  "itemName": "1",  "itemTypeId": "1",  "itemTypeName": "写字用的",  "maxRecipientTime": "2016-05-16 10:05:05",  "monney": 0,  "price": 10,  "reason": "",  "recipientDepartmentId": 1,  "recipientNum": 1,  "recipientState": 2,  "recipientTime": "2016-05-15 07:42:32",  "recipienter": "1",  "recipienterName": "余晓明",  "remark": "",  "spec": "",  "state": 2,  "telephone": "1"  },  {  "applyTime": "2016-05-31 08:27:07",  "auditTime": "2016-05-16 07:41:54",  "auditor": "",  "auditorName": "",  "departmentName": "新闻部",  "id": "2",  "isDisplay": 1,  "isValid": 0,  "itemId": "it001605150000",  "itemName": "1",  "itemTypeId": "1",  "itemTypeName": "写字用的",  "maxRecipientTime": "2016-05-17 07:41:54",  "monney": 0,  "price": 10,  "reason": "",  "recipientDepartmentId": 1,  "recipientNum": 1,  "recipientState": 1,  "recipientTime": null,  "recipienter": "1",  "recipienterName": "余晓明",  "remark": "",  "spec": "",  "state": 2,  "telephone": "1"  }  ],  "pageIndex": 1  } |
| 无值的json的格式 | {  "message": "当前没有审核通过的领用申请记录！"  } |
| 异常json格式 | {\"message\":\"库存预警表还原库存量失败！\"} |
| {\"message\":\"物品分类表还原库存量失败！\"} |

十三、删除借用申请记录

|  |  |
| --- | --- |
| URL | / RecipientApply / deleteAuditRecipientApply .do |
| 接受json的格式 | {    "Id": "领用记录id"  } |

十四、获取所有未审核的领用申请记录

|  |  |
| --- | --- |
| URL | / RecipientApply / getUnAuditRecipientApplies .do |
| 接受json的格式 | {  "pageIndex": "当前请求页默认1",  "pageCount": "页大小"  } |
| 有值的json的格式 | {  "pageSize": 1,  "resultList": [  {  "applyTime": "2016-05-30 01:15:34",  "auditTime": null,  "auditor": "",  "auditorName": "",  "departmentName": "宣传部",  "id": "3",  "isDisplay": 1,  "isValid": 1,  "itemId": "it001605150000",  "itemName": "物品名称",  "itemTypeId": "1",  "itemTypeName": "写字用的",  "monney": 10,  "price": 10,  "reason": "",  "recipientDepartmentId": 2,  "recipientNum": 1,  "recipientTime": null,  "recipienter": "2",  "recipienterName": "zsy",  "remark": "",  "spec": "O(∩\_∩)O哈哈哈",  "state": 1  }  ],  "pageIndex": 1  } |
| 无值的json的格式 | {  "message": "nothing"  } |

十五、管理员进行审核操作，其结果可能是审核通过，有可能是不通过

|  |  |
| --- | --- |
| URL | / RecipientApply / operateRecipientAudit .do |
| 接受json的格式 | {  "pageIndex": "当前请求页默认1",  "pageCount": "页大小"  "operate": 0 传入operate 其中0表示不通过，1表示通过  "id": "7" 借用记录id  "auditId": "1" 审核员工号  } |

十六、用户查询当前借用物品的信息

|  |  |
| --- | --- |
| URL | / RecipientApply / userCurrentRecipientApply .do |
| 接受json的格式 | {  "pageIndex": "当前请求页默认1",  "pageCount": "页大小"  "itemId":"it001605150000"  "itemName":"物品名称"  "itemTypeId":"1"  } |
| 有值的json的格式 | { {  "pageSize": 1,  "resultList": [  {  "id": "1",  "inventory": 10,  "inventoryMonney": 0,  "itemId": "it001605150000",  "itemName": "物品名称",  "itemTypeId": "1",  "measureUnitId": "1",  "price": 10,  "remark": "",  "spec": "规格型号"  }  ]  } |
| 无值的json的格式 | {  "message": "啊哦，没有相应的记录哦！"  } |

十七、用户提交领用申请的操作

|  |  |
| --- | --- |
| URL | / RecipientApply / submitRecipientApply .do |
| 接受json的格式 | {  "BorrowNum": 1 借用数量  "borrower": 2 借用人员工号  "itemClassificationSummary": {  "inventory": 10, 库存  "itemId": "it001605150000", 物品id  "itemName": "物品名称",  "itemTypeId": "1", 物品类型id  "spec": "啦啦啦" 描述  }  } |
| 正常json格式 | {"state":"申请成功"} |
| 异常json格式 | {"state":"申请失败"} |

十八、用户查询历史借用申请的信息

|  |  |
| --- | --- |
| URL | / RecipientApply / userHistoryRecipientApply .do |
| 接受json的格式 | {  "pageIndex": "当前请求页默认1",  "pageCount": "页大小"  " recipienter": 借用人员工号  } |
| 有值的json的格式 | {  "pageSize": 1,  "resultList": [  {  "applyTime": {  "date": 15,  "day": 0,  "hours": 0,  "minutes": 0,  "month": 4,  "seconds": 0,  "time": 1463241600000,  "timezoneOffset": -480,  "year": 116  },  "auditTime": {  "date": 31,  "day": 2,  "hours": 18,  "minutes": 5,  "month": 4,  "seconds": 5,  "time": 1464689105000,  "timezoneOffset": -480,  "year": 116  },  "auditor": "1",  "auditorName": "余晓明",  "id": "1",  "isDisplay": 1,  "isValid": 1,  "itemId": "",  "itemName": "1",  "itemTypeId": "1",  "itemTypeName": "写字用的",  "monney": 0,  "price": 120,  "reason": "",  "recipientDepartmentId": 1,  "recipientNum": 0,  "recipientTime": null,  "recipienter": "1",  "remark": "",  "spec": "",  "state": 2,  "telephone": "1"  }  ]  } |
| 无值的json的格式 | {  "message": "您还没有相关借用记录"  } |