

微信小程序开发



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传智教育旗下
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01

访客管理

- 访客邀请
- 访客列表
- 访客详情
- 自定义分享

访客管理 - 功能介绍

- 访客邀请
- 访客列表
- 访客详情
- 自定义分享



享+生活 - 访客邀请

- 检测登录: authorization
- 获取房屋列表:
 - 接口路径: GET /house
 - 请求参数: 无
 - 响应结果:

```
▼ {code: 10000, message: "操作成功",...}  
  code: 10000  
  data: [{id: "6884421253566464", name: "仙基公寓3号楼802"}, {id:  
    ► 0: {id: "6884421253566464", name: "仙基公寓3号楼802"}  
    ► 1: {id: "6884420974239744", name: "六街瑞光胡同11号院2栋1802"}  
    ► 2: {id: "6883652475736064", name: "恩泽园小区2栋1101"}  
  message: "操作成功"
```



享+生活 - 访客邀请（表单数据）

- 普通数据: `model:value`
- 房屋信息: `van-action-sheet`
 - 事件监听: `bind:select`
- 访问日期: `van-datetime-picker`
 - 事件监听: `bind:confirm` 和 `bind:cancel`
 - 时间范围: `max-date` (3天后)



享+生活 - 访客邀请 (数据验证)

- 访问日期: `van-datetime-picker`
 - 时间范围: `max-date` (3天后)
- 验证插件: `wechat-validate`
 - 验证规则: `rules`



The image shows a mobile app interface for a form titled "填写访客信息" (Fill in visitor information). The form is divided into two main sections: "房屋信息" (House information) and "访客信息" (Visitor information). The "房屋信息" section has a single input field "请选择房屋信息" (Please select house information) with a right arrow. The "访客信息" section has four input fields: "姓名" (Name) with placeholder "请输入访客真实姓名" (Please enter the real name of the visitor), "性别" (Gender) with radio buttons for "男" (Male) and "女" (Female), "手机号" (Mobile number) with placeholder "请输入访客联系电话号码" (Please enter the visitor's contact phone number), and "访问日期" (Visit date) with placeholder "请选择访问日期" (Please select visit date) and a right arrow. At the bottom of the form is a "确认" (Confirm) button with a checkmark icon. The status bar at the top shows "WeChat4G" and "100%" battery.

享+生活 - 访客邀请（提交表单）

- 调用接口：

- 接口路径：POST /visitor
- 请求参数：[见文档](#)
- 响应结果：

```
▼ {code: 10000, message: "操作成功", data: {id: "6886829401718784"}}
  code: 10000
  ▼ data: {id: "6886829401718784"}
    id: "6886829401718784"
    message: "操作成功"
```

```
async goPassport() {
  // 验证表单数据
  if (!this.validate()) return
  // 获取接口需要的参数
  const { name, gender, mobile, houseId, visitDate } = this.data
  // 调用接口
  const {
    code,
    data: { id },
  } = await wx.http.post('/visitor', { name, gender, mobile, houseId, visitDate })
  // 检测接口是否调用成功
  if (code !== 10000) return wx.utils.toast()
  // 跳转到邀请详情页面查看二维码
  wx.reLaunch({
    url: '/visitor_pkg/pages/passport/index?id=' + id,
  })
},
```

享+生活 - 访客详情（登录状态）

- 调用接口：

- 接口路径：GET /visitor/{id}
- 请求参数：id
- 响应结果：

```
▼ {code: 10000, message: "操作成功", data: {id: "6886876421640192", houseInfo:
  code: 10000
  data: {id: "6886876421640192", houseInfo: "恩泽园小区2栋1101",...}
    encryptedData: "f1c492069003b522e41b54dc5dae99e3ead9732deeb21a15f25853e
    houseInfo: "恩泽园小区2栋1101"
    id: "6886876421640192"
    url: "https://yjjy-teach-oss.oss-cn-beijing.aliyuncs.com/livimini/visitU
    validTime: 294485
    message: "操作成功"}}
```

```
// 获取地址中的参数
onLoad({ id }) {
  // 查询访客详情（通行证）
  this.getPassport(id)
},
// 查询房客详情
async getPassport(id) {
  if (!id) return
  // 调用接口
  const { code, data: passport } = await wx.http.get('/visitor/' + id)
  // 检测接口是否调用成功
  if (code !== 10000) return wx.utils.toast()
  // 渲染渲染
  this.setData({ passport })
},
```


享+生活 - 访客详情（分享状态）

- 自定义分享：
 - 拼凑地址参数
- 调用接口：
 - 接口路径：GET /visitor/share/{encryptedData}
 - 请求参数：encryptedData
 - 响应结果：

```
▼ {code: 10000, message: "操作成功",...}
  code: 10000
  ▼ data: {id: "6886876421640192", validTime: 294212, houseInfo:
    houseInfo: "恩泽园小区2栋1101"
    id: "6886876421640192"
    url: "https://yjiy-teach-oss.oss-cn-beijing.aliyuncs.com/liv
    validTime: 294212
    message: "操作成功"
```

```
// 获取访客详情（通行证）
async getPassportShare(encryptedData) {
  // 检测是否存在 id
  if (!encryptedData) return
  // 调用接口
  const { code, data: passport } = await wx.http.get('/visitor/share/' + encryptedData)
  // 检测接口是否调用成功
  if (code !== 10000) return wx.utils.toast()
  // 渲染数据
  this.setData({ passport })
},
// 自定义分享
onShareAppMessage() {
  // 读取加密的数据
  const { encryptedData } = this.data.passport
  return {
    title: '查看通行证',
    path: '/visitor_pkg/pages/passport/index?encryptedData=' + encryptedData,
    imageUrl: 'https://enjoy-plus.oss-cn-beijing.aliyuncs.com/images/share_poster.png',
  }
},
```

享+生活 - 访客详情（保存图片）

- 读取图片信息：
 - wx.getImageInfo
 - 服务器域名
- 保存图片到相册：
 - wx.saveImageToPhotosAlbum

```
// 保存图片到本地
async saveQRCode() {
  try {
    // 读取图片的信息
    const { path } = await wx.getImageInfo({
      src: this.data.passport.url,
    })
    // 将图片保存到相册/本地
    wx.saveImageToPhotosAlbum({ filePath: path })
  } catch (err) {
    wx.utils.toast('保存失败，稍后重试!')
  }
},
```



享+生活 - 访客列表

- 检测登录：authorization
- 调用接口：
 - 接口路径：GET /visitor
 - 请求参数：current、pageSize
 - 响应结果：

```
▼ {code: 10000, message: "操作成功", data: {pageTotal: 5,...}}
  code: 10000
  data: {pageTotal: 5,...}
    pageTotal: 5
    rows: [{id: "6886937833259008", mobile: "13212345678", name: "李青",
      0: {id: "6886937833259008", mobile: "13212345678", name: "李青",
      1: {id: "6886936620421120", mobile: "13212345678", name: "李明",
      2: {id: "6886934664888320", mobile: "13212345678", name: "张三",
      3: {id: "6886915876610048", mobile: "13212345678", name: "李四",
      4: {id: "6886915181568000", mobile: "13212345678", name: "李四",
      total: 24
      message: "操作成功"
```

```
onLoad() {
  // 获取访客列表
  this.getVisitorList()
},

// 访客列表接口
async getVisitorList(current = 1, pageSize = 5) {
  // 调用接口
  const {
    code,
    data: { rows: visitorList },
  } = await wx.http.get('/visitor', { current, pageSize })

  // 检测接口是否调用成功
  if (code !== 10000) return wx.utils.toast()

  // 渲染数据
  this.setData({
    isEmpty: visitorList.length === 0,
    visitorList,
  })
},
```

享+生活 - 访客列表（上拉加载）

- 事件监听: `bind:scrolltolower`
- 节流函数:
 - 安装 miniprogram-licia
 - 构建 npm
 - 导入 throttle
- 分页请求:
 - 处理页码
 - 追加数据
 - 终止请求

享+生活 - 在线报修（选择房屋和维修项目）

- 事件监听: `select`
- 样式优化: `active-cell`

```
<van-action-sheet
  bind:close="closeHouseLayer"
  bind:cancel="closeHouseLayer"
  bind:select="selectHouseInfo"
  round
  show="{{houseLayerVisible}}"
  actions="{{houseList}}"
  cancel-text="取消"
  title="选择报修房屋"
/>
```

```
// 选择房屋信息
selectHouseInfo(ev) {
  // 渲染数据
  this.setData({
    houseId: ev.detail.id,
    houseName: ev.detail.name,
  })
},
```

```
<van-cell-group border="{{false}}" title="报修房屋">
  <van-cell
    value="{{houseName || '请选择报修房屋'}}"
    value-class="{{houseName && 'active-cell'}}"
    bind:click="openHouseLayer"
    is-link
    border="{{false}}"
  />
</van-cell-group>
```

享+生活 - 在线报修（选择预约日期）

- 时间范围限制: `min-date`
- 事件监听: `confirm`, `cancel`
- 样式优化: `active-cell`
- 日期格式化: `wx.utils.dateFormat()`

```
<van-datetime-picker
  bind:cancel="closeDateLayer"
  bind:confirm="selectDateInfo"
  type="date"
  value="{{currentDate}}"
  min-date="{{minDate}}"
/>
```

```
// 获取用户选择的预约日期
selectDateInfo(ev) {
  // 渲染数据
  this.setData({
    appointment: ev.detail,
    dateLayerVisible: false,
  })
},
```

```
dateFormat(timestamp) {
  // 实例化时间对象
  const date = new Date(timestamp)
  // 以年月日方式表示时间
  const year = date.getFullYear()
  const month = date.getMonth() + 1
  const day = date.getDate()
  // 对时间格式进行处理，小于10的拼凑0字符
  return [year, month, day].map((item) => (item > 10 ? item : '0' + item)).join('-')
},
```

享+生活 - 在线报修（上传附件）

- 文件上传组件：van-uploader
 - 文件列表：file-list
 - 上传文件数量限制：max-count
 - 预览图片尺寸：preview-size
 - 事件监听：after-read
- 调用接口：
 - 接口路径：POST /upload
 - 请求参数：name: 'file'
 - 自定义头信息：Authorization

```
// 上传报修附件
uploadPicture(ev) {
  // 获取上传文件的信息
  const { file } = ev.detail
  // 调用接口上传图片
  wx.uploadFile({
    url: wx.http.baseUrl + '/upload',
    filePath: file.url,
    name: 'file',
    header: {
      Authorization: 'Bearer ' + getApp().token,
    },
    success: (result) => {
      // 处理返回的 json 数据
      const data = JSON.parse(result.data)
      // 检测接口是否调用成功
      if (data.code !== 10000) return wx.utils.toast('上传文件失败!')
      // 获取已上传的文件列表
      const { attachment } = this.data
      // 追加新上传的文件
      attachment.push(data.data)
      // 渲染数据
      this.setData({ attachment })
    },
  },
}
```

享+生活 - 在线报修（提交表单）

- 表单数据验证：wechat-validate
 - 获取表单数据：model:value
 - 定义验证规则：rules
- 调用接口：
 - 接口路径：POST /repair
 - 请求参数：[参见文档](#)
 - 响应结果：

```
▼ {code: 10000, message: "操作成功", data: {id: "6885139637100544"}}
  code: 10000
  ▼ data: {id: "6885139637100544"}
    id: "6885139637100544"
    message: "操作成功"
```

```
async submitForm() {
  // 验证表单数据
  if (!this.validate()) return

  // 提取需要提交的数据
  const { houseId, repairItemId, mobile, appointment, description, attachment } = this.data

  // 调用接口
  const { code } = await wx.http.post('/repair', {
    houseId,
    repairItemId,
    mobile,
    appointment,
    description,
    attachment,
  })

  // 检测接口是否调用成功
  if (code !== 10000) return wx.utils.toast()
  // 跳转到报修列表页
  wx.redirectTo({
    url: '/repair_pkg/pages/list/index',
  })
},
```


享+生活 - 报修列表

- 登录检测: **authorization**
- 调用接口:
 - 接口路径: **GET /repair**
 - 请求参数: **无**
 - 响应结果:

```
▼ {code: 10000, message: "操作成功",...}
  code: 10000
  ▼ data: {pageTotal: 1, rows: [{id: "6885758126690304", appointment:
    pageTotal: 1
    ▼ rows: [{id: "6885758126690304", appointment: "2023-04-12",...}]
      ► 0: {id: "6885758126690304", appointment: "2023-04-12",...}
      ► 1: {id: "6885757758562304", appointment: "2023-05-09",...}
      ► 2: {id: "6885144534425600", appointment: "2023-04-08",...}
      ► 3: {id: "6885139637100544", appointment: "2023-04-08",...}
      total: 4
    message: "操作成功"
```

```
onLoad() {
  // 获取报修列表
  this.getRepairList()
},
// 报修列表接口
async getRepairList() {
  // 调用接口
  const {
    code,
    data: { rows: repairList },
  } = await wx.http.get('/repair', { current: 1, pageSize: 10 })
  // 检测接口是否调用成功
  if (code !== 10000) return wx.utils.toast()
  // 渲染数据
  this.setData({
    repairList,
    isEmpty: repairList.length === 0,
  })
},
```

享+生活 - 报修详情

- 获取报修的ID: 地址参数
- 调用接口:
 - 接口路径: GET /repair/{id}
 - 请求参数: id
 - 响应结果:

```
{code: 10000, message: "操作成功", data: {id: "6885758126690304", appointment: "2023-04-12", ...}}
  code: 10000
  data: {id: "6885758126690304", appointment: "2023-04-12", ...}
    appointment: "2023-04-12"
    attachment: [{id: "6885758015959040", ...}, {id: "6885758031011840", ...}, ...]
    description: "电灯不亮了，速来帮忙更换新灯泡，谢谢！"
    houseId: "6883652475736064"
    houseInfo: "恩泽园小区2栋1101"
    id: "6885758126690304"
    mobile: "14312345678"
    repairItemId: "1002"
    repairItemName: "电路灯具"
    status: 2
    message: "操作成功"
```

```
onLoad({ id }) {
  // 获取报修详细信息
  this.getRepairDetail(id)
},
// 报修详情接口
async getRepairDetail(id) {
  // 检测是否存在报个ID
  if (!id) return wx.utils.toast('参数有误!')
  // 调用接口
  const { code, data: repairDetail } = await wx.http.get('/repair/' + id)
  // 检测接口是否调用成功
  if (code !== 10000) return wx.utils.toast()
  // 渲染数据
  this.setData({ repairDetail })
},
```

享+生活 - 报修详情 (路线规划)

- 地图组件: `map`
 - 地图中心: `longitude/latitude`
 - 缩放级别: `scale`
 - 标记点: `markers`
 - 路线: `polyline`
- 位置服务: [见文档](#)



享+生活 - 修改报修信息

- 获取报修的ID: 地址参数
- 修复 bug: 修改数据名称
- 调用接口:
 - 接口路径: GET /repair/{id}
 - 请求参数: id
 - 响应结果:

```
▼ {code: 10000, message: "操作成功", data: {id: "6885758126690304", appointment: "2023-04-12", ...}}
  code: 10000
  data: {id: "6885758126690304", appointment: "2023-04-12", ...}
    attachment: [{id: "6885758015959040", ...}, {id: "6885758031011840", ...}]
    description: "电灯不亮了，速来帮忙更换新灯泡，谢谢！"
    houseId: "6883652475736064"
    houseInfo: "恩泽园小区2栋1101"
    id: "6885758126690304"
    mobile: "14312345678"
    repairItemId: "1002"
    repairItemName: "电路灯具"
    status: 2
    message: "操作成功"
```

```
onLoad({ id }) {
  // 如果有ID表明是修改报修
  if (id) this.getRepariDetail()
},

// 获取报修详情
async getRepariDetail(id) {
  // 调用接口
  const {code, data: repairDetail} = await wx.http.get('/repair/' + id)
  // 检测接口是否调用成功
  if (code !== 10000) return wx.utils.toast()
  // 渲染数据
  this.setData({...repairDetail})
},
```

享+生活 - 取消报修

- 获取报修的ID: 事件对象
- 调用接口:
 - 接口路径: PUT /cancel/repaire/{id}
 - 请求参数: id
 - 响应结果:

```
▼ {code: 10000, message: "操作成功", data: {id: "6885139637100544"}}  
  code: 10000  
  ▼ data: {id: "6885139637100544"}  
    id: "6885139637100544"  
    message: "操作成功"
```

```
// 取消报修  
async cancelRepair(ev) {  
  // 调用接口  
  const { code } = await wx.http.put('/cancel/repaire/' + ev.mark.id)  
  // 判断接口是否调用成功  
  if (code !== 10000) return wx.utils.toast()  
  // 跳转到报修列表页面  
  wx.navigateTo({  
    url: '/repair_pkg/pages/list/index',  
  })  
},
```



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