

**Technology Specification Design**

**UCMED RUBIK-X Project**

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| ***Revision:*** | V0.1 |
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# 文档说明

## 文档目的

本文档是对卓健Rubik-X项目后台技术设计进行说明的文档。

## 读者

本文档的适用读者如下：

* 卓健科技Rubik-X项目后台开发人员

## 专业术语及缩写

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| 专业术语 | 说明 |
| 卓健科技 | 指杭州卓健信息科技有限公司 |
| DB | 数据库（DataBase） |
| Api | 接口层，和客户端交互；可以由一个或多个java工程组成 |
| Service | 服务层，提供具体业务逻辑； 可以由一个或多个java工程组成 |
| Model | 数据层，封装外部数据成java对象；可以由一个或多个java工程组成 |
| dataobject |  |
| controller |  |

# 包名

Model:

cn.ucmed.general.vc.model.vcproject

cn.ucmed.general.vc.model.vcprojectsoftware

cn.ucmed.general.vc.model.vcsoftwareversion

Dao:

cn.ucmed.general.vc.dao.vcproject

cn.ucmed.general.vc.dao.vcprojectsoftware

cn.ucmed.general.vc.dao.vcsoftwareversion

Service:

cn.ucmed.general.vc.service.vcproject

cn.ucmed.general.vc.service.vcprojectsoftware

cn.ucmed.general.vc.service.vcsoftwareversion

Controller:

cn.ucmed.general.vc.controller.vcproject

cn.ucmed.general.vc.controller.vcprojectsoftware

cn.ucmed.general.vc.controller.vcsoftwareversion

# Model类名

VCProjectModel

VCProjectSoftwareModel

VCSoftwareVersionModel

# Dataobject类名

VCProject

VCProjectSoftware

VCSoftwareVersion

# Mapper类名

VCProjectMapper

VCProjectSoftwareMapper

VCSoftwareVersionMapper

## 接口签名

# Service类名

VCProjectService

VCProjectSoftwareService

VCSoftwareVersionService

## 接口签名（包含注解）

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| /\*\*  \* **@Description** 添加新项目  \* **@param** vcProject  \*/  **public** **void** addProject(VCProject vcProject);  /\*\*  \* **@Description** 修改项目  \* **@param** vcProject  \*/  **public** **void** updateProject(VCProject vcProject); |

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| /\*\*  \* **@Description** 添加项目软件  \* **@param** vcProjectSoftware  \*/  **public** **void** addProject(VCProjectSoftware vcProjectSoftware);  /\*\*  \* **@Description** 修改项目软件  \* **@param** vcProjectSoftware  \*/  **public** **void** updateProject(VCProjectSoftware vcProjectSoftware); |

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| /\*\*  \* **@Description** 添加软件版本  \* **@param** vcSoftwareVersion  \*/  **public** **void** addProject(VCSoftwareVersion vcSoftwareVersion);  /\*\*  \* **@Description** 修改软件版本  \* **@param** vcSoftwareVersion  \*/  **public** **void** updateProject(VCSoftwareVersion vcSoftwareVersion); |

# Controller类名

VCProjectController

VCProjectSoftwareController

VCSoftwareVersionController

## 接口签名（包含注解）

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| /\*\*  \* **@Description** 添加新项目  \* **@param** request  \* **@param** map  \*/  @RequestMapping(method = RequestMethod.***GET***, value = "add.htm")  **public** **void** addProject(HttpServletRequest request, ModelMap map) {  // **TODO** Auto-generated method stub  }  /\*\*  \* **@Description** 修改项目  \* **@param** request  \* **@param** map  \*/  @RequestMapping(method = RequestMethod.***GET***, value = "update.htm")  **public** **void** updateProject(HttpServletRequest request, ModelMap map) {  // **TODO** Auto-generated method stub  } |

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| /\*\*  \* **@Description** 添加项目软件  \* **@param** request  \* **@param** map  \*/  @RequestMapping(method = RequestMethod.***GET***, value = "add.htm")  **public** **void** addProjectSoftware(HttpServletRequest request, ModelMap map) {  // **TODO** Auto-generated method stub  }  /\*\*  \* **@Description** 修改项目软件  \* **@param** request  \* **@param** map  \*/  @RequestMapping(method = RequestMethod.***GET***, value = "update.htm")  **public** **void** updateProjectSoftware(HttpServletRequest request, ModelMap map) {  // **TODO** Auto-generated method stub  } |

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| /\*\*  \* **@Description** 添加软件版本  \* **@param** request  \* **@param** map  \*/  @RequestMapping(method = RequestMethod.***GET***, value = "add.htm")  **public** **void** addSoftwareVersion(HttpServletRequest request, ModelMap map) {  // **TODO** Auto-generated method stub  }  /\*\*  \* **@Description** 修改软件版本  \* **@param** request  \* **@param** map  \*/  @RequestMapping(method = RequestMethod.***GET***, value = "update.htm")  **public** **void** updateSoftwareVersion(HttpServletRequest request, ModelMap map) {  // **TODO** Auto-generated method stub  } |