需求优先级

项目名：07 学习平台

课程名：软件需求分析原理与实践

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| 完成日期： |  |

**软件需求优先级文档**

说明：

所谓使用软件需求优先级文档，就是在进行了使用优先级分析之后记录分析结果的文档。而需求优先级的目的就是要对用户的需求进行优先级分析

版本记录

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 编号 | 修订日期 | 版本/状态 | 修订人 | 发布日期 | 备注 |
| 01 | 2022/4/24 | 0.1 | 许罗阳宁 | 2022/4/24 | 软件需求优先级文档 |
| 02 | 2022/4/29 | 0.2 | 许罗阳宁 | 2022/4/29 | 软件需求优先级修订 |
| 03 | 2022/5/8 | 0.3 | 许罗阳宁 | 2022/5/8 | 软件需求优先级修订 |
| 04 | 2022/5/15 | 0.4 | 许罗阳宁 | 2022/5/15 | 软件需求优先级修订 |
| 05 | 2022/5/21 | 0.5 | 许罗阳宁 | 2022/5/21 | 软件需求优先级修订 |
| 06 | 2022/5/24 | 0.6 | 许罗阳宁 | 2022/5/24 | 软件需求优先级修订 |
| 07 | 2022/5/29 | 0.7 | 许罗阳宁 | 2022/5/29 | 软件需求优先级修订 |

优先级=价值%/（成本%+风险%）

价值：1（几乎无法带来价值）🡪9（价值超乎预计）

成本：1（成本几乎为0）🡪9（成本无法承担）

风险：1（风险几乎为0）🡪9（风险无法承担）

权重 相对价值：相对损失：成本：风险=1:1:1:1

学生用户优先级

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 特性 | 价值 | 损失 | 总价值 | 总价值% | 成本 | 成本% | 风险 | 风险% | 优先级 |
| 浏览论坛 | 6 | 7 | 13 | 5.12% | 6 | 4.08% | 8 | 4.73% | 0.5806 |
| 浏览博客 | 5 | 8 | 13 | 5.12% | 6 | 4.08% | 8 | 4.73% | 0.5806 |
| 浏览问答 | 9 | 7 | 16 | 6.30% | 7 | 4.76% | 8 | 4.73% | 0.6634 |
| 使用资料上传 | 5 | 4 | 9 | 3.54% | 5 | 3.40% | 7 | 4.14% | 0.4697 |
| 使用资料下载 | 6 | 5 | 11 | 4.33% | 7 | 4.76% | 7 | 4.14% | 0.4864 |
| 登陆 | 4 | 5 | 9 | 3.54% | 6 | 4.08% | 5 | 2.96% | 0.5033 |
| 注册 | 4 | 4 | 8 | 3.15% | 4 | 2.72% | 3 | 1.78% | 0.7005 |
| 忘记密码 | 2 | 3 | 5 | 1.97% | 5 | 3.40% | 3 | 1.78% | 0.3803 |
| 搜索 | 5 | 5 | 10 | 3.94% | 6 | 4.08% | 8 | 4.73% | 0.4466 |
| 学生发表博客 | 4 | 3 | 7 | 2.76% | 7 | 4.76% | 8 | 4.73% | 0.2902 |
| 学生发表帖子 | 4 | 4 | 8 | 3.15% | 4 | 2.72% | 7 | 4.14% | 0.4589 |
| 学生发表问答 | 5 | 5 | 10 | 3.94% | 6 | 4.08% | 4 | 2.37% | 0.6105 |
| 讨论 | 3 | 3 | 6 | 2.36% | 5 | 3.40% | 5 | 2.96% | 0.3714 |
| 评论 | 3 | 4 | 7 | 2.76% | 6 | 4.08% | 7 | 4.14% | 0.3351 |
| 回答 | 3 | 4 | 7 | 2.76% | 7 | 4.76% | 6 | 3.55% | 0.3315 |
| 评论答案 | 5 | 4 | 9 | 3.54% | 5 | 3.40% | 4 | 2.37% | 0.6143 |
| 点赞 | 3 | 3 | 6 | 2.36% | 8 | 5.44% | 6 | 3.55% | 0.2627 |
| 加精 | 3 | 4 | 7 | 2.76% | 2 | 1.36% | 2 | 1.18% | 1.0833 |
| 添加标签 | 3 | 4 | 7 | 2.76% | 3 | 2.04% | 3 | 1.78% | 0.7222 |
| 关注 | 3 | 3 | 6 | 2.36% | 2 | 1.36% | 4 | 2.37% | 0.6337 |
| 收藏 | 4 | 3 | 7 | 2.76% | 6 | 4.08% | 7 | 4.14% | 0.3351 |
| 取消关注 | 3 | 5 | 8 | 3.15% | 5 | 3.40% | 9 | 5.33% | 0.3609 |
| 取消收藏 | 3 | 4 | 7 | 2.76% | 4 | 2.72% | 6 | 3.55% | 0.4394 |
| 退出登录 | 3 | 4 | 7 | 2.76% | 3 | 2.04% | 5 | 2.96% | 0.5512 |
| 查看消息 | 1 | 4 | 5 | 1.97% | 1 | 0.68% | 3 | 1.78% | 0.8017 |
| 查看消息详情 | 3 | 4 | 7 | 2.76% | 2 | 1.36% | 2 | 1.18% | 1.0833 |
| 编辑自己发布的内容 | 4 | 3 | 7 | 2.76% | 4 | 2.72% | 6 | 3.55% | 0.4394 |
| 删除自己发布的内容 | 5 | 5 | 10 | 3.94% | 4 | 2.72% | 7 | 4.14% | 0.5736 |
| 主页设计 | 5 | 5 | 10 | 3.94% | 6 | 4.08% | 5 | 2.96% | 0.5592 |
| 反馈 | 1 | 5 | 6 | 2.36% | 3 | 2.04% | 4 | 2.37% | 0.5359 |
| 查看反馈 | 1 | 5 | 6 | 2.36% | 2 | 1.36% | 2 | 1.18% | 0.9285 |
| 合计 | 118 | 136 | 254 | 100% | 147 | 100% | 169 | 100% |  |

管理员用户优先级

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 特性 | 价值 | 损失 | 总价值 | 总价值% | 成本 | 成本% | 风险 | 风险% | 优先级 |
| 审核 | 9 | 3 | 12 | 13.79% | 8 | 13.56% | 8 | 14.04% | 0.4999 |
| 审核筛选 | 9 | 2 | 11 | 12.64% | 6 | 10.17% | 5 | 8.77% | 0.6675 |
| 审核删除 | 8 | 1 | 9 | 10.34% | 8 | 13.56% | 7 | 12.28% | 0.4003 |
| 筛选举报 | 7 | 2 | 9 | 10.34% | 9 | 15.25% | 7 | 12.28% | 0.3757 |
| 删除举报 | 6 | 3 | 9 | 10.34% | 5 | 8.47% | 8 | 14.04% | 0.4596 |
| 审理 | 7 | 2 | 9 | 10.34% | 5 | 8.47% | 6 | 10.53% | 0.5444 |
| 增加课程 | 8 | 2 | 10 | 11.49% | 9 | 15.25% | 5 | 8.77% | 0.4784 |
| 修改课程 | 8 | 2 | 10 | 11.49% | 5 | 8.47% | 6 | 10.53% | 0.6049 |
| 删除课程 | 6 | 2 | 8 | 9.20% | 4 | 6.78% | 5 | 8.77% | 0.5913 |
| 合计 | 68 | 19 | 87 | 100% | 59 | 100% | 57 | 100% |  |

游客用户优先级

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 特性 | 价值 | 损失 | 总价值 | 总价值% | 成本 | 成本% | 风险 | 风险% | 优先级 |
| 浏览主页 | 8 | 3 | 11 | 100% | 4 | 100% | 3 | 100% | / |

游客

管理员

教师

学生

教师：学生：管理员：游客=1：1：1：0.25

优先级降序排序

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 特性 | 价值 | 损失 | 总价值 | 总价值% | 成本 | 成本% | 风险 | 风险% | 优先级 |
| 登录框删除身份 | 3.5 | 3.5 | 7 | 1.71% | 2 | 0.83% | 2 | 0.82% | 1.0362 |
| 学生年级标签 | 3.5 | 5 | 8.5 | 2.08% | 2 | 0.83% | 4 | 1.63% | 0.8417 |
| 推荐词汇修改 | 4 | 4.5 | 8.5 | 2.08% | 3 | 1.25% | 3 | 1.22% | 0.8388 |
| 注册 | 7.5 | 3 | 10.5 | 2.56% | 4 | 1.67% | 4 | 1.63% | 0.7772 |
| 注册 | 4 | 5 | 9 | 2.20% | 4 | 1.67% | 3 | 1.22% | 0.7602 |
| 使用博客功能 | 8.5 | 9 | 17.5 | 4.27% | 6 | 2.50% | 8 | 3.27% | 0.7412 |
| 登陆 | 8 | 5 | 13 | 3.17% | 6 | 2.50% | 5 | 2.04% | 0.6991 |
| 使用论坛功能 | 8 | 8.5 | 16.5 | 4.03% | 6 | 2.50% | 8 | 3.27% | 0.6989 |
| 标识发布不需要审核 | 3.5 | 5.5 | 9 | 2.20% | 3 | 1.25% | 5 | 2.04% | 0.6679 |
| 编辑 | 5.5 | 5.5 | 11 | 2.69% | 4 | 1.67% | 6 | 2.45% | 0.6527 |
| 使用博客功能 | 8 | 3 | 11 | 2.69% | 6 | 2.50% | 4 | 1.63% | 0.6500 |
| 使用问答功能 | 8 | 8 | 16 | 3.91% | 7 | 2.92% | 8 | 3.27% | 0.6320 |
| 使用资料上传/下载 | 6 | 6 | 12 | 2.93% | 5 | 2.08% | 7 | 2.86% | 0.5931 |
| 登陆 | 7.5 | 3.5 | 11 | 2.69% | 6 | 2.50% | 5 | 2.04% | 0.5916 |
| 类比论坛显示课程列表 | 4.5 | 4.5 | 9 | 2.20% | 5 | 2.08% | 4 | 1.63% | 0.5914 |
| 主页的标题名称一致 | 3.5 | 4.5 | 8 | 1.95% | 5 | 2.08% | 3 | 1.22% | 0.5906 |
| 登陆 | 4.5 | 6 | 10.5 | 2.56% | 6 | 2.50% | 5 | 2.04% | 0.5647 |
| 使用资料上传/下载 | 8.5 | 2.5 | 11 | 2.69% | 5 | 2.08% | 7 | 2.86% | 0.5437 |
| 增加修改课程功能 | 9 | 1 | 10 | 2.44% | 5 | 2.08% | 6 | 2.45% | 0.5388 |
| 发帖时显示字数 | 8 | 2.5 | 10.5 | 2.56% | 6 | 2.50% | 6 | 2.45% | 0.5181 |
| 原型展示显示图片视频等多媒体方式 | 4 | 4.5 | 8.5 | 2.08% | 6 | 2.50% | 4 | 1.63% | 0.5023 |
| 标签化分块 | 4 | 4 | 8 | 1.95% | 5 | 2.08% | 5 | 2.04% | 0.4737 |
| 网站式布局 | 5 | 6 | 11 | 2.69% | 7 | 2.92% | 7 | 2.86% | 0.4652 |
| 网站式布局 | 7.5 | 4 | 11.5 | 2.81% | 7 | 2.92% | 8 | 3.27% | 0.4543 |
| 界面需要优化视觉表现 | 8 | 4 | 12 | 2.93% | 9 | 3.75% | 7 | 2.86% | 0.4435 |
| 举报 | 8 | 3 | 11 | 2.69% | 8 | 3.33% | 7 | 2.86% | 0.4339 |
| 使用论坛功能 | 8.5 | 3 | 11.5 | 2.81% | 8 | 3.33% | 8 | 3.27% | 0.4256 |
| 审核的原因显示 | 8.5 | 1.5 | 10 | 2.44% | 8 | 3.33% | 7 | 2.86% | 0.3945 |
| 申请置顶功能 | 4.5 | 4 | 8.5 | 2.08% | 6 | 2.50% | 7 | 2.86% | 0.3875 |
| 审理举报功能 | 8 | 1 | 9 | 2.20% | 9 | 3.75% | 5 | 2.04% | 0.3795 |
| 主页的内容显示应按照热度顺序 | 3 | 4 | 7 | 1.71% | 4 | 1.67% | 7 | 2.86% | 0.3779 |
| 登陆界面增加忘记密码 | 8.5 | 1 | 9.5 | 2.32% | 7 | 2.92% | 8 | 3.27% | 0.3753 |
| 指定某个体回答问题 | 4 | 4 | 8 | 1.95% | 7 | 2.92% | 6 | 2.45% | 0.3641 |
| 网站式布局 | 8.5 | 1 | 9.5 | 2.32% | 8 | 3.33% | 8 | 3.27% | 0.3516 |
| 举报 | 4 | 4 | 8 | 1.95% | 5 | 2.08% | 9 | 3.67% | 0.3394 |
| 主页的布局需要进一步优化 | 4 | 4 | 8 | 1.95% | 6 | 2.50% | 8 | 3.27% | 0.3389 |
| 审核时添加筛选列表 | 7.5 | 1.5 | 9 | 2.20% | 9 | 3.75% | 7 | 2.86% | 0.3326 |
| 缺少增加课程 | 3.5 | 3.5 | 7 | 1.71% | 8 | 3.33% | 6 | 2.45% | 0.2956 |
| 登录应采用弹窗形式 | 2.5 | 3.5 | 6 | 1.47% | 6 | 2.50% | 7 | 2.86% | 0.2735 |
| 网站的版权信息应注明 | 2.5 | 3.5 | 6 | 1.47% | 7 | 2.92% | 8 | 3.27% | 0.2370 |
| 浏览主页 | 8 | 3 | 11 | 2.69% | 4 | 1.67% | 3 | 1.22% | 0.2323 |
| 总合计 | 245.5 | 164 | 409.5 | 100.00% | 240 | 100% | 245 | 100% |  |