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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2022/2/23

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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

教师用户优先级

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 6 | 12 | 3.15% | 5 | 3.65% | 6 | 3.87% | 0.4188 |
| 浏览博客 | 7 | 8 | 15 | 3.94% | 6 | 4.38% | 7 | 4.52% | 0.4429 |
| 浏览问答 | 7 | 7 | 14 | 3.67% | 5 | 3.65% | 8 | 5.16% | 0.4165 |
| 使用资料上传 | 6 | 7 | 13 | 3.41% | 7 | 5.11% | 7 | 4.52% | 0.3542 |
| 使用资料下载 | 7 | 7 | 14 | 3.67% | 6 | 4.38% | 6 | 3.87% | 0.4448 |
| 登陆 | 4 | 6 | 10 | 2.62% | 4 | 2.92% | 5 | 3.23% | 0.4263 |
| 注册 | 4 | 7 | 11 | 2.89% | 4 | 2.92% | 5 | 3.23% | 0.4702 |
| 忘记密码 | 4 | 5 | 9 | 2.36% | 6 | 4.38% | 6 | 3.87% | 0.2860 |
| 搜索 | 4 | 5 | 9 | 2.36% | 3 | 2.19% | 4 | 2.58% | 0.4947 |
| 教师发表博客 | 8 | 9 | 17 | 4.46% | 5 | 3.65% | 2 | 1.29% | 0.9028 |
| 教师发表帖子 | 7 | 7 | 14 | 3.67% | 7 | 5.11% | 3 | 1.94% | 0.5209 |
| 教师发表问答 | 7 | 8 | 15 | 3.94% | 7 | 5.11% | 4 | 2.58% | 0.5123 |
| 讨论 | 7 | 8 | 15 | 3.94% | 3 | 2.19% | 6 | 3.87% | 0.6501 |
| 评论 | 7 | 7 | 14 | 3.67% | 2 | 1.46% | 5 | 3.23% | 0.7832 |
| 回答 | 8 | 8 | 16 | 4.20% | 3 | 2.19% | 6 | 3.87% | 0.6930 |
| 评论答案 | 6 | 6 | 12 | 3.15% | 4 | 2.92% | 3 | 1.94% | 0.6488 |
| 点赞 | 6 | 7 | 13 | 3.41% | 3 | 2.19% | 5 | 3.23% | 0.6296 |
| 加精 | 5 | 6 | 11 | 2.89% | 4 | 2.92% | 2 | 1.29% | 0.6864 |
| 添加标签 | 5 | 5 | 10 | 2.62% | 5 | 3.65% | 4 | 2.58% | 0.4205 |
| 关注 | 5 | 6 | 11 | 2.89% | 3 | 2.19% | 7 | 4.52% | 0.4309 |
| 收藏 | 5 | 5 | 10 | 2.62% | 3 | 2.19% | 6 | 3.87% | 0.4323 |
| 取消关注 | 4 | 5 | 9 | 2.36% | 2 | 1.46% | 5 | 3.23% | 0.5036 |
| 取消收藏 | 4 | 5 | 9 | 2.36% | 2 | 1.46% | 5 | 3.23% | 0.5036 |
| 退出登录 | 3 | 4 | 7 | 1.84% | 2 | 1.46% | 6 | 3.87% | 0.3452 |
| 查看消息 | 6 | 7 | 13 | 3.41% | 3 | 2.19% | 5 | 3.23% | 0.6296 |
| 查看消息详情 | 7 | 8 | 15 | 3.94% | 4 | 2.92% | 4 | 2.58% | 0.7163 |
| 编辑自己发布的内容 | 6 | 7 | 13 | 3.41% | 3 | 2.19% | 5 | 3.23% | 0.6296 |
| 删除自己发布的内容 | 4 | 4 | 8 | 2.10% | 4 | 2.92% | 6 | 3.87% | 0.3092 |
| 主页设计 | 4 | 5 | 9 | 2.36% | 6 | 4.38% | 3 | 1.94% | 0.3737 |
| 反馈 | 5 | 5 | 10 | 2.62% | 5 | 3.65% | 4 | 2.58% | 0.4205 |
| 查看反馈 | 6 | 6 | 12 | 3.15% | 4 | 2.92% | 5 | 3.23% | 0.5125 |
| 合计 | 179 | 202 | 381 | 100% | 137 | 100% | 155 | 100.00% |  |

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% | / |

管理员

游客

学生

教师

教师：学生：管理员：游客=1：1：1：0.25

优先级降序排序

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 教师发表博客 | 8 | 9 | 17 | 2.35% | 5 | 1.47% | 2 | 0.52% | 1.1824 |
| 评论 | 7 | 7 | 14 | 1.94% | 2 | 0.59% | 5 | 1.30% | 1.0258 |
| 查看消息详情 | 7 | 8 | 15 | 2.08% | 4 | 1.18% | 4 | 1.04% | 0.9366 |
| 回答 | 8 | 8 | 16 | 2.22% | 3 | 0.88% | 6 | 1.56% | 0.9064 |
| 加精 | 5 | 6 | 11 | 1.52% | 4 | 1.18% | 2 | 0.52% | 0.8976 |
| 加精 | 3 | 4 | 7 | 0.97% | 2 | 0.59% | 2 | 0.52% | 0.8742 |
| 查看消息详情 | 3 | 4 | 7 | 0.97% | 2 | 0.59% | 2 | 0.52% | 0.8742 |
| 讨论 | 7 | 8 | 15 | 2.08% | 3 | 0.88% | 6 | 1.56% | 0.8498 |
| 评论答案 | 6 | 6 | 12 | 1.66% | 4 | 1.18% | 3 | 0.78% | 0.8490 |
| 点赞 | 6 | 7 | 13 | 1.80% | 3 | 0.88% | 5 | 1.30% | 0.8243 |
| 查看消息 | 6 | 7 | 13 | 1.80% | 3 | 0.88% | 5 | 1.30% | 0.8243 |
| 编辑自己发布的内容 | 6 | 7 | 13 | 1.80% | 3 | 0.88% | 5 | 1.30% | 0.8243 |
| 浏览主页 | 8 | 3 | 11 | 1.52% | 4 | 1.18% | 3 | 0.78% | 0.7782 |
| 查看反馈 | 1 | 5 | 6 | 0.83% | 2 | 0.59% | 2 | 0.52% | 0.7493 |
| 教师发表帖子 | 7 | 7 | 14 | 1.94% | 7 | 2.06% | 3 | 0.78% | 0.6827 |
| 查看反馈 | 6 | 6 | 12 | 1.66% | 4 | 1.18% | 5 | 1.30% | 0.6706 |
| 教师发表问答 | 7 | 8 | 15 | 2.08% | 7 | 2.06% | 4 | 1.04% | 0.6701 |
| 取消关注 | 4 | 5 | 9 | 1.25% | 2 | 0.59% | 5 | 1.30% | 0.6594 |
| 取消收藏 | 4 | 5 | 9 | 1.25% | 2 | 0.59% | 5 | 1.30% | 0.6594 |
| 搜索 | 4 | 5 | 9 | 1.25% | 3 | 0.88% | 4 | 1.04% | 0.6479 |
| 查看消息 | 1 | 4 | 5 | 0.69% | 1 | 0.29% | 3 | 0.78% | 0.6440 |
| 注册 | 4 | 7 | 11 | 1.52% | 4 | 1.18% | 5 | 1.30% | 0.6147 |
| 使用资料下载 | 7 | 7 | 14 | 1.94% | 6 | 1.76% | 6 | 1.56% | 0.5828 |
| 添加标签 | 3 | 4 | 7 | 0.97% | 3 | 0.88% | 3 | 0.78% | 0.5828 |
| 浏览博客 | 7 | 8 | 15 | 2.08% | 6 | 1.76% | 7 | 1.82% | 0.5791 |
| 收藏 | 5 | 5 | 10 | 1.39% | 3 | 0.88% | 6 | 1.56% | 0.5665 |
| 注册 | 4 | 4 | 8 | 1.11% | 4 | 1.18% | 3 | 0.78% | 0.5660 |
| 关注 | 5 | 6 | 11 | 1.52% | 3 | 0.88% | 7 | 1.82% | 0.5632 |
| 登陆 | 4 | 6 | 10 | 1.39% | 4 | 1.18% | 5 | 1.30% | 0.5588 |
| 添加标签 | 5 | 5 | 10 | 1.39% | 5 | 1.47% | 4 | 1.04% | 0.5513 |
| 反馈 | 5 | 5 | 10 | 1.39% | 5 | 1.47% | 4 | 1.04% | 0.5513 |
| 浏览论坛 | 6 | 6 | 12 | 1.66% | 5 | 1.47% | 6 | 1.56% | 0.5480 |
| 浏览问答 | 7 | 7 | 14 | 1.94% | 5 | 1.47% | 8 | 2.08% | 0.5456 |
| 浏览问答 | 9 | 7 | 16 | 2.22% | 7 | 2.06% | 8 | 2.08% | 0.5350 |
| 关注 | 3 | 3 | 6 | 0.83% | 2 | 0.59% | 4 | 1.04% | 0.5099 |
| 审核筛选 | 9 | 2 | 11 | 1.52% | 6 | 1.76% | 5 | 1.30% | 0.4968 |
| 评论答案 | 5 | 4 | 9 | 1.25% | 5 | 1.47% | 4 | 1.04% | 0.4962 |
| 学生发表问答 | 5 | 5 | 10 | 1.39% | 6 | 1.76% | 4 | 1.04% | 0.4935 |
| 主页设计 | 4 | 5 | 9 | 1.25% | 6 | 1.76% | 3 | 0.78% | 0.4896 |
| 浏览论坛 | 6 | 7 | 13 | 1.80% | 6 | 1.76% | 8 | 2.08% | 0.4679 |
| 浏览博客 | 5 | 8 | 13 | 1.80% | 6 | 1.76% | 8 | 2.08% | 0.4679 |
| 使用资料上传 | 6 | 7 | 13 | 1.80% | 7 | 2.06% | 7 | 1.82% | 0.4639 |
| 删除自己发布的内容 | 5 | 5 | 10 | 1.39% | 4 | 1.18% | 7 | 1.82% | 0.4618 |
| 修改课程 | 8 | 2 | 10 | 1.39% | 5 | 1.47% | 6 | 1.56% | 0.4566 |
| 主页设计 | 5 | 5 | 10 | 1.39% | 6 | 1.76% | 5 | 1.30% | 0.4516 |
| 退出登录 | 3 | 4 | 7 | 0.97% | 2 | 0.59% | 6 | 1.56% | 0.4508 |
| 删除课程 | 6 | 2 | 8 | 1.11% | 4 | 1.18% | 5 | 1.30% | 0.4470 |
| 退出登录 | 3 | 4 | 7 | 0.97% | 3 | 0.88% | 5 | 1.30% | 0.4438 |
| 反馈 | 1 | 5 | 6 | 0.83% | 3 | 0.88% | 4 | 1.04% | 0.4319 |
| 审理 | 7 | 2 | 9 | 1.25% | 5 | 1.47% | 6 | 1.56% | 0.4110 |
| 登陆 | 4 | 5 | 9 | 1.25% | 6 | 1.76% | 5 | 1.30% | 0.4065 |
| 删除自己发布的内容 | 4 | 4 | 8 | 1.11% | 4 | 1.18% | 6 | 1.56% | 0.4045 |
| 使用资料下载 | 6 | 5 | 11 | 1.52% | 7 | 2.06% | 7 | 1.82% | 0.3925 |
| 使用资料上传 | 5 | 4 | 9 | 1.25% | 5 | 1.47% | 7 | 1.82% | 0.3785 |
| 审核 | 9 | 3 | 12 | 1.66% | 8 | 2.35% | 8 | 2.08% | 0.3746 |
| 忘记密码 | 4 | 5 | 9 | 1.25% | 6 | 1.76% | 6 | 1.56% | 0.3746 |
| 学生发表帖子 | 4 | 4 | 8 | 1.11% | 4 | 1.18% | 7 | 1.82% | 0.3694 |
| 搜索 | 5 | 5 | 10 | 1.39% | 6 | 1.76% | 8 | 2.08% | 0.3599 |
| 取消收藏 | 3 | 4 | 7 | 0.97% | 4 | 1.18% | 6 | 1.56% | 0.3540 |
| 编辑自己发布的内容 | 4 | 3 | 7 | 0.97% | 4 | 1.18% | 6 | 1.56% | 0.3540 |
| 删除举报 | 6 | 3 | 9 | 1.25% | 5 | 1.47% | 8 | 2.08% | 0.3507 |
| 增加课程 | 8 | 2 | 10 | 1.39% | 9 | 2.65% | 5 | 1.30% | 0.3507 |
| 忘记密码 | 2 | 3 | 5 | 0.69% | 5 | 1.47% | 3 | 0.78% | 0.3075 |
| 讨论 | 3 | 3 | 6 | 0.83% | 5 | 1.47% | 5 | 1.30% | 0.2997 |
| 审核删除 | 8 | 1 | 9 | 1.25% | 8 | 2.35% | 7 | 1.82% | 0.2985 |
| 取消关注 | 3 | 5 | 8 | 1.11% | 5 | 1.47% | 9 | 2.34% | 0.2905 |
| 筛选举报 | 7 | 2 | 9 | 1.25% | 9 | 2.65% | 7 | 1.82% | 0.2789 |
| 评论 | 3 | 4 | 7 | 0.97% | 6 | 1.76% | 7 | 1.82% | 0.2702 |
| 收藏 | 4 | 3 | 7 | 0.97% | 6 | 1.76% | 7 | 1.82% | 0.2702 |
| 回答 | 3 | 4 | 7 | 0.97% | 7 | 2.06% | 6 | 1.56% | 0.2677 |
| 学生发表博客 | 4 | 3 | 7 | 0.97% | 7 | 2.06% | 8 | 2.08% | 0.2341 |
| 点赞 | 3 | 3 | 6 | 0.83% | 8 | 2.35% | 6 | 1.56% | 0.2122 |
| 合计 | 368 | 354 | 722 | 100% | 340 | 100% | 384 | 100.00% |  |