## 5.2 Subsystem Internal/External Interface Requirement and Design

### 5.2.1 Internal Interface Requirements

|  |  |  |
| --- | --- | --- |
| 需求編號 | 優先順序 | 需求描述 |
| AMS-N-01 | 1 | 資料接收及管理員見提供使用者登入資訊存取資料 |
| AMS-N-02 | 1 | Web能向AMS驗證帳號與密碼 |
| AMS-N-03 | 1 | Web能向AMS註冊帳號，並填寫相關資料 |
| PMS-N-01 | 1 | 接收新增需求之內容 |
| PMS-N-02 | 1 | 接收修改需求要求之內容 |
| PMS-N-03 | 1 | 接收審查需求新增與修改之內容 |
| PMS-N-04 | 1 | 對於審核結果做統整 |
| PMS-N-05 | 1 | 接收新增測試之內容 |
| PMS-N-06 | 1 | 接收測試結果之紀錄 |
| PMS-N-07 | 1 | 產生報表 |

### 5.2.2 External Interface Requirements

|  |  |  |
| --- | --- | --- |
| 需求編號 | 優先順序 | 需求描述 |
| AMS-N-04 | 1 | 資料庫存取使用MySQL提供的功能與語法 |
| PMS-N-08 | 1 | 資料庫存取使用MySQL提供的功能與語法 |

### 5.3 Traceability Matrix – Requirements vs Components

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **addRequirement.php** | **editRequirement.php** | **changeRequiremtn.php** | **deleteRequirement.php** |
| **Req 2.1** | O | O | O | O |
| **Req 2.2** |  |  |  |  |
| **Req 2.3** |  | O |  |  |
| **Req 4.2** |  |  |  | O |
| **Req 4.3** |  |  | O |  |
| **Req 5.3** |  |  | O | O |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **projectList.php** | **projectDetail.php** | **editProject.php** | **addMember.php** |
| **Req 1.1** | O | O |  |  |
| **Req 1.2** |  | O | O |  |
| **Req 1.3** |  | O |  | O |
| **Req 8** | O | O |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **requirementListView.php** | **requirementDetailView.php** | **addTestCase.php** | **editTestCase.php** |
| **Req 2.2** | O |  |  |  |
| **Req 2.3** | O | O |  |  |
| **Req 3.1** |  |  | O | O |
| **Req 5.1** |  | O |  |  |
| **Req 5.2** |  | O |  |  |
| **Req 8** | O | O |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **deleteTestCase.php** | **testCaseListView.php** | **testCaseDetailView.php** | **editRequirementRelation.php** |
| **Req 3.1** | O |  |  |  |
| **Req 3.3** |  | O |  |  |
| **Req 3.5** |  |  | O |  |
| **Req 4.1** |  |  |  | O |
| **Req 4.3** |  | O | O |  |
| **Req 8** |  | O | O |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **doDecision.php** | **editTestCaseRelation.php** | **reportView.php** | **editRequirementRelation.php** |
| **Req 5.2** | O |  |  |  |
| **Req 5.3** |  | O |  |  |
| **Req 6.1** |  |  | O |  |
| **Req 6.2** |  |  | O |  |
| **Req 6.3** |  |  | O |  |
| **Req 6.4** |  |  | O |  |
| **Req 6.5** |  |  | O |  |
| **Req 7.1** |  |  |  | O |
| **Req 7.2** |  |  |  | O |
| **Req 8** |  |  | O |  |