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Associated Documents

This document is associated with the following other documents:

| Name | Title and Originator’s Reference | Source | Issue Date | Version |
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# [Introduction](file:///C:\\Documents%20and%20Settings\\JacobJ01\\Local%20Settings\\Temporary%20Internet%20Files\\OLK41\\Supplementary%20Spec.htm" \l "1. Introduction#1. Introduction)

# [Purpose](file:///C:\Documents%20and%20Settings\JacobJ01\Local%20Settings\Temporary%20Internet%20Files\OLK41\Supplementary%20Spec.htm#1.1 Purpose#1.1 Purpose)

# [Scope](file:///C:\Documents%20and%20Settings\JacobJ01\Local%20Settings\Temporary%20Internet%20Files\OLK41\Supplementary%20Spec.htm#1.2 Scope#1.2 Scope)

# [Definitions, Acronyms and Abbreviations](file:///C:\Documents%20and%20Settings\JacobJ01\Local%20Settings\Temporary%20Internet%20Files\OLK41\Supplementary%20Spec.htm#1.3 Definitions, Acronyms and Abbreviations#1.3 Definitions, Acronyms and Abbreviations)

# Overview

## Use case diagram

|  |  |  |
| --- | --- | --- |
| **UC** | **Name** | **Description** |
| UC001 |  |  |
| UC002 |  |  |
| UC003 |  |  |
| UC004 |  |  |
| UC005 |  |  |
| UC006 |  |  |

## Entity relationship diagram

|  |  |  |
| --- | --- | --- |
| **#** | **Entity** | **Description** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |
| 8 |  |  |
| 9 |  |  |
| 10 |  |  |
| 11 |  |  |
| 12 |  |  |
| 13 |  |  |
| 14 |  |  |
| 15 |  |  |
| 16 |  |  |
| 17 |  |  |
| 18 |  |  |

# Functionality Requirements

## Login & Logout & Register

### Login by facebook

### Login by google

### Login by Account

## Manage Account

### Manage profile

1. **Edit profile**
2. **Change password**
3. **Change Email**
4. **Change Avatar**
5. **Sign up for the newsletter**

### Manage the order

### List favorite

### Manage returns

### Cancel orders

### Post products

### Manage my products

## Address

### List all product in address

### Map & direct

## Service

### Repairs

### Hire products

### Hire instructors

### guarantee

## Notification

## Search

## Chat

## Change theme

## Multil language

## Home

### View list product

### Quick view

### Load more

## Detail product

### View product

### View map

### Comment

### Order

### Related product

### Add to favorites

### Add Compare product

### View Service

### Product evaluation

### Contact

### Share facebook, google

### Bread crumb

## Detail category

### Filter

### Sortting

### Paging load more

## Shopping cart

## Check out

## Online payment

## Admin

# Non-functional requirements

## Performance

| Requirements relating to Performance | |
| --- | --- |
| No. | Requirement |
| 1. | As FPT practical, with testing environment in offshore as below:  Server: CPU – Intel Pentium4 3.0GHz, RAM – 4GB, HDD-160GB, OS-Window Server 2003 SP1  Client: CPU – Intel Pentium4 2.4GHz, RAM – 1GB, HDD-40GB, OS-Window XP SP2  Response time for SD system should meet following:   * For add new functions (assumed that there are average 30 fields need to update to DB), the response time should be in a range of 3-5 seconds. For the first time to query the page, it takes longer than the following ones. It’s approximately about 10 seconds. The following calls should be less than 5 seconds * For list/view functions (assumed that there will be around 1000 records displayed), the response time should be in a range of 7-10 seconds. For the first call might take about 15 seconds. The following calls should be less than 10seconds * For all validation data logic, the response time shouldn’t take than 2 seconds |
| 2 | With mentioned server above, Service Directory system should cover the load of 20-50 concurrent users. |

## Scalability

| Requirements relating to Scalability | |
| --- | --- |
| No. | Requirement |
| 1. | It must scale to the expected number of users for SD system |

## Security

| Requirements relating to Security | |
| --- | --- |
| No. | Requirement |
| 1. | Just use standard authentication and authorization mechanism |

## Portability

| Requirements relating to Security | |
| --- | --- |
| No. | Requirement |
| 1. | For the up-coming release, the Service Directory is expected to work with Internet Explorer version 6.0 or later and Firefox. |

## Audit

| Requirements relating to Audit | |
| --- | --- |
| No. | Requirement |
| 1. | None required at present. |

## Error handling

| Requirements relating to Error handling | |
| --- | --- |
| No. | Requirement |
| 1. | Proactive notification of problems. System must provide sufficient context in the notification to assist in the diagnosis and repair of the problem. Varying levels of notification will be needed for different classes of error for instances: logging errors to log files, logging errors to event viewer, sending emails. |

## Infrastructure

| Requirements relating to Infrastructure | |
| --- | --- |
| No. | Requirement |
| 1. | All services inside Service Directory are expected to be hosted under https for security purposes. Shaw-trust to confirm if they can provide an appropriate SSL infrastructure. |

## Look and feel

| Requirements relating to Look and feel | |
| --- | --- |
| No. | Requirement |
| 1. | See section 6. The look and feel should also be similar to the screen mock-ups provided with the FRS for new ‘CID’ and should have the same feel as MS Dynamics. |

## Legal

| Requirements relating to Legal issues | |
| --- | --- |
| No. | Requirement |
| 1. | None required at present. |

## Training

| Requirements relating to Training | |
| --- | --- |
| No. | Requirement |
| 1. | None required at present. |

## User Documentation & Help Screen Requirements

| Requirements relating to User Documentation | |
| --- | --- |
| No. | Requirement |
| 1. | An icon will be provided in the corner of each screen that can be clicked to load a page of help for that screen. The help text will be maintained by Shawtrust. This is in scope of Phase 2 |

## Support & Supportability

| Requirements relating to Support | |
| --- | --- |
| No. | Requirement |
| 1. | Fully support during UAT and 3 month warranty support |

## Reliability

| Requirements relating to Reliability | |
| --- | --- |
| No. | Requirement |
| 1. | Availability: The Service Directory is expected to run all the time 24 hours a day and 7 day a week without service failing to respond. There should be no un-handled Exception to be occurred inside the Services. |

## Design Constraints

| Requirements relating to Design | |
| --- | --- |
| No. | Requirement |
| 1. | The design must take this requirement into consideration for everything that the system may do and how this could be supported |
| 2. | The design must follow principles for design in CID system |

## Purchased Components

| Requirements relating to Components | |
| --- | --- |
| No. | Requirement |
| 1. | None required at present. |

## Interfaces

| Requirements relating to Interfaces | |
| --- | --- |
| No. | Requirement |
| 1. | None required at present. |

## Test

| Requirements relating to Testing | |
| --- | --- |
| No. | Requirement |
| 1. | None required at present. |

## Data

| Requirements relating to Data | |
| --- | --- |
| No. | Requirement |
| 1. | None required at present. |