# Requirements Specification - MVP

Onliance

# Table of content

# 1. Overview description

## 1.1. Introduction

The development of the first version, an MVP, of the platform for Onliance.

The platform will be built from scratch as no existing software or application exists at the time of creating this document (12-08-2020). The platform is going to create solutions for retail networking. More information is available at the [homepage](homepage)

## 1.2. Purpose

The purpose of this document is to create a requirements specification of the Onliance web platform MVP.

## 1.3. Intended Audience

The intended audience for this document is the people of Onliance and contractor(s) to establish and verify the requirements that the two parties will agree on.

## 1.4. Intended Use

The intended use of this document is to establish, validate and verify the requirements for the Onliance MVP web platform.

## 1.5. Scope

The development of a MVP consisting of a stable environment where users can utilise the developed features. The features however, will be limited and explained in section 3.

## 1.6. Definitions and Acronyms

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## 1.7. User Needs

As of the start of this project, the users needs has been identified as follows:
1. The users need to create a profile page with the possibility to add/edit/remove relevant information according to their networking needs.
2. The users also need a way of connecting and finding each other on the platform by search criteria that will be described further in section 3.
3. The users need some way of connecting with each other

## 1.8. Assumptions and Dependencies

Payment shall be discussed and agreed upon by both parties, same goes for the delivery structure of the code/website.

# 2.  High level demands
## 2.1.  Flows

The system supports two types of flows: *buying* and *selling.* The tables below show the general flow for a buyer and a seller.

| Steps in *Setting up account:* | Tasks and subtasks |
|---|---|
| 1. Register account | |
| 2. Confirm email address | |
| 3. Login | |

| Steps in *Filling out profile:* | Tasks and subtasks |
|---|---|
| 1. Login | |
| 2. Go to profile page | |
| 3. Fill in profile details | |

| Steps in *Searching:* | Tasks and subtasks |
|---|---|
| 1. Login | |
| 2. Go to search page | |
| 3. Search for X things | |
| 4. Browse through results | |
| 5. Visit a profile page | |

| Steps in *Messaging 1st time:* | Tasks and subtasks |
|---|---|

| 1. Go through search flow (above) | |
|---|---|
| 2. Click on a profile | |
| 3. Click on messaging feature/button | |
| 4.Write a message | |

| Steps in *Messaging nth time:* | Tasks and subtasks |
|---|---|
| 1. Login | |
| 2. Navigate to messaging page | |
| 3. Open message | |
| 4.Write a reply | |

| Steps in *Admin profile:* | Tasks and subtasks |
|---|---|
| 1. Login | |
| 2a. View and edit user profile | |
| 2b. Delete user | |
| 2c. Message user | |

## 2.2.  B4. Minimum requirements

The below are the minimum requirements that are needed for the system. Requirements interact and together they give a more or less good support of each requirement area. Hence, they are scored on basis of each requirement area rather than a single requirement. (i.e Good support of requirement A plus bad support of requirement B may have the same business value as bad support of requirement A plus good support of B. So they should get the same score).
**Scores:** We have given each proposal scores for the requirement areas shown in the table below. To provide better overview, the tables have one proposal already mentioned and scored.The scores use this scale: -2 (not supported or very inconvenient), -1 (inconvenient), 0 (as today or just sufficient), 1 (efficient), 2 (very efficient).
**Minimum score**: For each requirement area, we have stated the minimum scores below. A system that that doesn't meet the minimum scores, will be useless in practice.

**Minimum requirements**: The system must meet the minimum scores below on all requirements areas.

| Requirement Area | Minimum Score |
|---|---|
| Account management | 2 |
| Profile | 2 |
| Search | 2 |
| Messaging | 1 |
| Admin | 0 |

# 3. Tasks to support

## 3.1. Work Area 1: Account management

This work area includes creation, management and removal of user accounts. After creating an account. This includes removing their accounts. Users can have different roles with access to different parts of the application.

**User profile: User.** People intent to trade plants or manage the platform. They have basic IT experience and their domain knowledge ranges from great to no previous knowledge.

## C1. Authentication and authorization

Users have to authenticate themselves on the platform in order to engage with it.

**Start:** User opens the application for the first time.
**End:** Authentication and authorization is completed.
**User:** User.

### Registration

| ID | Steps | Details | Notes |
|---|---|---|---|
| 1.1 | Fill in details | - Email<br>- Password<br>- Password confirmation<br>- Company name<br>- Industry<br>- Retailer or Brand<br>- Webshop or store (or both)<br>- Accept terms and agreement<br>- Privacy policy | Mockups: Page: Signup |
| 1.2 | Confirm email | - Email with link to confirm account | |
| 1.3 | Login | - Email<br>- password | Mockups: Page: login, Dashboard design: Page(start):Dashboard |

Account management

| ID | Steps | Details | Notes |
|---|---|---|---|
| 1.4 | Forgot password | - Provide email address<br>- Receive email with link to reset password page<br>- Write new password<br>- Confirm password | Mockups: Page(start):settings, Page(start):Dashboard menu |
| 1.5 | Change password | - Add existing password<br>- New password<br>- Confirm password | Mockups: same as above |
| 1.6 | Remove account | - Button to delete account<br>- Prompt password before confirm delete<br>- Email to verify account got deleted<br>- System needs to either delete info or anonymise | Mockups: same as above |
| 1.7 | Retrieve all info (GDPR) | - Contact us link | Mockups: same as above |

## 3.2.   Work area 2: Profile

C2. Create public profile

**Start:** Create a public profile.
**End:** Profile created
**Users:** All users.

Create profile

| ID | Steps | Details | Notes |
|---|---|---|---|
| 2.1 | Company information | - Slogan<br>- Avatar/profile picture<br>- Description<br>- Country<br>- City<br>- Address, street and zip code (a maps integration would be great)<br>- Terms of payment<br>- Trustpilot link<br>- Website link | All should be editable and/or removable<br><br>Mockups: Page: Profile designs |

| | | - Industry (pre-filled from signup but editable)<br>- Retailer or brand, webshop or store(pre-filled from signup but editable) | |
|------|----------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| 2.2 | Media | - Upload pictures + caption<br>- Delete media<br>- Edit media | Mockups: Page: Profile designs |
| 2.3 | Special offers | - Combine terms of payment with product offers<br>- Edit offers<br>- Delete offers | Mockups: Page: Profile designs |
| 2.4 | Products | - Picture<br>- Product name<br>- Description<br>- Price<br>- Delete products<br>- Edit existing products | Mockups: Page: Profile designs |

## 3.3.   Work area 3: Search

### C3. Search for profiles

**Start:** Make a search.
**End:** Search completed
**Users:** All users.

Search

| ID | Steps | Details | Notes |
|------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 3.1 | Searching /Filtering | - Search on one or more specific tags. These tags are: Retailer: webshop, Retailer: store,, Brand, Listing: retailer, Listing: brand, Tradeshows<br>- Filter on:<br>    - Industry<br>    - City<br>- Sort by<br>    - Default<br>    - New/Recent<br>    - Popular | view design for more detail<br><br>Filters: we will provide a list for you<br><br>Mockups: All Page:Networking - DS pages |

## C4. Notifications for profiles

**Start:** Make a search, user visits profile or checks listing.
**End:** User is notified
**Users:** All users.

Search

| ID | Steps | Details | Notes |
|---|---|---|---|
| 3.2 | Notifications | - User who's profile is visited receives an email that someone viewed their profile.<br>- User who's listing is visited receives an email that someone viewed their listing.<br>- Notifications in app will be displayed in a menu, clicking on the notification will take the user to the appropriate page (in this case the user's profile whom visited the listing or the profile) | Check design for clarification: mockups -<br><br>Page(start):Dashboard notifications |

## 3.4.    Work area 4: Messaging

## C4. Message users

**Start:** Messaging a user.
**End:** Message send
**Users:** All users.

Messaging

| ID | Steps | Details | Notes |
|---|---|---|---|
| 4.1 | Messaging | - Write message from profile page (first message)<br>- Messaging page with all conversations<br>- Email at new message<br>- In app notification at new message, clicking the notification shall take the user to the conversation | Mockups:<br>Page:Messaging,<br>Page: Messaging<br>-Profile public |

## 3.5.    Work Area 5: Admin management

This work area describes tasks that system administrators should be able to do. This includes managing users and listings, as well as monitoring traffic, et cetera.

**User profile: Administrator.** Employees of Onliance who have access to administrative features in the application.

### C5. Handle content

**Start:** Handle content
**End:** Content handled
**Users:** Administrator.

| ID | Steps | Details | Notes |
|---|---|---|---|
| 6.1 | Delete account | - Have button in admin panel | |
| 6.2 | Freeze accounts | - Have button in admin panel | |
| 6.5 | Edit profiles | - Edit any information in profiles | |
| 6.6 | Send messages | - Send messages to users | |
| 6.7 | Verify users | - Contact users and verify that they are real | |
| 6.8 | Create account | - Create account for users<br>- Enable these users to change their password | |
| 6.9 | Add tradeshow | - Add tradeshow that will be visible in the search for the users. Shall include fields<br>  - Title<br>  - Url link to tradeshow website<br>  - description<br>  - Date of the tradeshow<br>  - Price<br>  - Place/city | |

*Note: There are no mockups for the admin panel, design is not as important on these pages*

# 4. Requirements prioritization

This chapter describes the prioritization of our functional and quality requirements.

## 4.1. Functional requirements

As a first step in separating our requirements by priority, the requirements are grouped into three broad categories of importance by the application owners. This is a method known as Numerical Assignment. The categories we have chosen are critical, standard and optional and the results can be seen in the table below.

After this, we rank the importance of individual requirements by using the Ranking method within the categories derived above The requirements within the critical category are ranked between 1-9, standard are ranked 10-11 and optional are ranked between 12-15. Combining Numerical Assignment and Ranking like this is a technique commonly known as Planning Game[5].

| Rank | Task | Work area |
|------|------|-----------|
| 1 | C1 | Account Management |
| 2 | C2 | Profile |
| 3 | C3 | Search |
| 4 | C4 | Messaging |
| 5 | C5 | Admin panel |

# 5. Nice to have/wishlist - (negotiable)

There are two third party integrations that we would love to see in the MVP but are not sure that there will be time or budget for either. These are open for discussion and we are interested in hearing your suggestions or opinions.

1. **Instagram integration - Media**
   In the profile, under the media section there should be an option to connect the users instagram profile in order to display their already uploaded images on their profile.

2. **Shopify integration - Products**
   In the profile, under the product section there should be an option to connect the users shopify profile in order to display their already uploaded products on their profile.