# Requirements 0.2 - ARKAD nexpo

Part of the ARKAD Project Group: IT

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# Contents

# 1.   Change History

- Added following requirements:

  Form: 4.1.2.2., 4.1.2.4., 4.1.2.5.,

  Exhibitor: 4.1.3.2., 4.1.3.3., 4.1.3.4., 4.1.3.5., 4.1.3.6, 4.1.3.7,

  Pricing: 4.1.4.

  Exporting: 4.1.5

- Modified following requirements:

  4.1.2.1.

- Added the *modifiable user* as user alternative.

# 2.   Introduction

## 2.1.   Definition

The ARKAD *nexpo* system has the purpose to replace the current fair system used *jexpo*.

## 2.2.   Purpose

The purpose of implementing this system is to further develop ARKAD's internal systems, withdrawing a subscription from the current expo-system, *jexpo*.

## 2.3.   Scope

The scope is to make a secure, usable and simple system that can contain all the information needed about the fair. The time scope is primarily within 2017.

## 2.4.   Goals

- Develop a completely general system, making it possible to use many years to come without having to implement new functionality.

- Develop a usable system.

- Develop a system containing every important part within *jexpo*.

# 3.   General Description

An *admin user* has permission to do everything within the system.

A *standard user* has permission to read everything.

A *modifiable user's* includes the permissions of a *standard* user but write permissions are modifiable by *admin*.

A *configuration* contains information about current years fair.

# 4. Specific Requirements

## 4.1. Functional Requirements

### 4.1.1. Configuration Requirements

**4.1.1.1.** The current configuration contains information about all the exhibitors.
*Information is gathered from registration forms.*
*The information is visualized through a list.*

**4.1.1.2.** The current configuration contains information about the members in ARKAD project group.

**4.1.1.3.** A new *configuration* can be created by *admin*.

### 4.1.2. Form Requirements

**4.1.2.1.** A form can be created by *admin*.
*The current form can be found here: http://form.jexpo.se/fa/arkad*

**4.1.2.2.** A form can be modified by *admin*.

**4.1.2.3.** A form render can embed the form on a website.
*Example of an embedded code from the website can be found here:*

```
<!-- BEGIN Podio web form -->
<script src="https://podio.com/webforms/18151816/1219770.js">
</script>
<script type="text/javascript">
  _podioWebForm.render("1219770")
</script>
<noscript>
  <a href="https://podio.com/webforms/18151816/1219770" target=
  "_blank">Please fill out the form</a>
</noscript>
  <div class="podio-webform-container">
  A webform by <a href="https://podio.com" class="podio-webform-
  inner" rel="nofollow">Podio</a>
  </div>
<!-- END Podio web form -->
```

**4.1.2.4.** During creation or modification state, *admin* can give *rw-permission* to certain *modifiable* users on specific fields within the form.
*Example: One form has two fields: **A** & **B**. Any company inserts information and are therefore registered to the event. The modifiable users **Joel** and **Oscar** gets, by **admin**, permission to edit the information received by the company on one of the fields each. **Joel** can edit the information received on field **A**, and **Oscar** on field **B**.*
*Note: The modifiable users **do not** have permission to modify the actual form, only the information received from companies.*

**4.1.2.5.**  A certain sort of field can be connected with an item on the *pricing list*.

**4.1.2.6.**  When a *company* fills out a form, a total cost is to be calculated, viewing the extra choices in the end of the form, but also beside the field. See figure 4.1 and 4.2.
*The prices are to be gathered from the **pricing list***.

**Figure 4.1:** Specific field extra cost.

| Antal helpallar | | |
| --- | --- | --- |
| 12 | | +24000 kr |
| Antal halvpallar | | |
| 54 | | +59400 kr |

**Figure 4.2:** Total cost.

Order

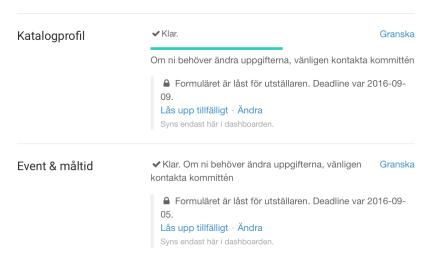| Benämning | Antal | á pris | Summa |
| --- | --- | --- | --- |
| Basic package | 1 | 25 000.00 | 25 000.00 |
| Lunchbiljetter första dagen | 2 | 100.00 | 200.00 |
| Utskrifter | 1 | 1.00 | 1.00 |
| Antal helpallar | 12 | 2 000.00 | 24 000.00 |
| Antal halvpallar | 54 | 1 100.00 | 59 400.00 |
| Följande orderrader behöver attesteras | | | |
| Gasquebiljetter | 2 | 790.00 | 1 580.00 |
| Drinkbiljetter | 2 | 90.00 | 180.00 |
| Attestera | | | 110 361.00 |

### 4.1.3.  Exhibitor Requirements

**4.1.3.1.**  An *exhibitor* is created when a company registers through answering a form.

**4.1.3.2.**  An *exhibitor* can log in with given user name and password.

**4.1.3.3.**  When logged in, the *exhibitor* can view the information the *exhibitor* has given.

**4.1.3.4.**  If any change of information is made by a *modified user* the *exhibitor* will be notified by email.

**4.1.3.5.**   If any change is made the *exhibitor* will need to log in to attest the changes.

**4.1.3.6.**   The *exhibitor* can make changes to the information given until a certain date.

**4.1.3.7.**   After the deadline on making changes, and register to the fair, specific fields can be unlocked by *admin*, making it possible to make changes to the information again, by either users or the *exhibitor*. See the button *'Lås upp tillfälligt'* in figure 4.3.

**Figure 4.3:** Temporarily Unlock.



### 4.1.4.   Pricing Requirements

**4.1.4.1.**   The pricing list contains different items, i.e. pallet, with corresponding costs.

**4.1.4.2.**   *Admin* can modify, delete and add items and costs.

### 4.1.5.   Exporting Requirements

**4.1.5.1.**   All the *exhibitors* with information can be exported to an excel document.

## 4.2.   Quality Requirements

# 5.   Manual

// ToDo.

# 6.  Possible Further Development

Develop an invoice function generating and sending all invoices at one click.