INSTRUCTION FOR INSTALLATION OF 1KA APPLICATION

MINIMUM APPLICATION REQUIREMENTS:

- **Apache server**
- **PHP (version 7, 7.1, 7.2, 7.3 or 7.4)**
- **MySQL** (on Windows for example WAMP, Linux …)
- Optional, **R** (https://www.r-project.org/) can also be installed to use advanced analysis

INSTALLATION INSTRUCTIONS

1. The installation package is located at https://www.1ka.si/1ka-install.

2. First, you need to **create a MySQL database**, to which database is imported. The database must have a set **password** and a **username**.

3. The entire 1KA directory is downloaded to the appropriate location on the server.

4. The **settings.php.example** file needs to be renamed to **settings.php** and properly set to all necessary settings. It is necessary to set basic page settings, pass salt and data to connect to the database.

5. Open web application in browser and follow step by step installation.

6. Folders have to be writable (where temporary files, needed for normal activity, are generated):
    - admin/survey/pChart/Cache
    - admin/survey/AnalysisArchive
    - admin/survey/SurveyData
    - admin/survey/SurveyBackup
    - admin/survey/minify/cache
    - uploadi (with all corresponding subfolders – uploadi/editor …)

7. After successful import you can return to front page with link » **To main page**« and log in to the application with the username »**admin**«, and the password blank. After the first login, it's highly recommended to set a new password for user »admin«. Do this by clicking on the username in the upper right corner -> »My profile«.

TROUBLESHOOTING

PAGE IS CRASHED

It is possible that minify does not work. This can occur if there are no config minify row in the apache: **RewriteRule ^admin/survey/ minify/([a-z]=.*) /admin/survey/minify/index.php?$1 [L,NE]** or, if there is no RewriteEngine module for apache or RewriteEngine on the directive above this line. Also, verify that the .htaccess files are enabled in the etc/apache2/apache2.conf (override must not be set to none).

In the configuration file for php (php.ini), it is necessary to check if the setting »**short_open_tag=On**« is on.

NO DATA IS SHOWN AFTER THE SURVEY IS COMPLETED

The **awk, sed**, and **coreutils** libraries must be loaded on the server (links below). After installing, you also need to set the PATH (to the folder where they are installed). This is true for the Windows server - Linux usually has this built-in.

Links to libraries:
- http://gnuwin32.sourceforge.net/packages/sed.htm
- http://gnuwin32.sourceforge.net/packages/gawk.htm
- http://gnuwin32.sourceforge.net/packages/coreutils.htm

It could also be possible, that the admin/survey/SurveyData directory is not writable.

ERROR OR A BROKEN PAGE IN INTERNET EXPLORER

There's a note at the top of the page, that the Internet Explorer version is outdated or the page is broken. First, you need to check if it is set to work in IE in compatibility mode. If the page is tested on the internal network, it is also possible that the problem is with the compatibility setting turned on "compatibility view settings" -> "display intranet sites and compatibility view" setting turned on.

WHEN CREATING A SURVEY, IT SAYS "ERROR CREATING SURVEY!"

Check the sql_mode setting and if »strict mode« is on, turn it off via mysql console with the command:

SET GLOBAL sql_mode = 'NO_ENGINE_SUBSTITUTION';

»ERR3431FUNCTION 1KA.MAX_RECNUM DOES NOT EXIST« ERROR WITH COMPLETING THE SURVEY

Through the SQL console it is necessary to paste and execute the code below:

```
DELIMITER $$
CREATE FUNCTION MAX_RECNUM (aid INT(11))
RETURNS INT(11)
DETERMINISTIC
BEGIN
DECLARE max INT(11);
SELECT MAX(recnum) INTO max FROM srv_user WHERE ank_id = aid AND preview='0';
IF max IS NULL THEN SET max = '0' ;
END IF;
RETURN max+1;
END$$
DELIMITER ;
```

NO CAPTCHA CODE IS DISPLAYED IN USER REGISTRATION

You need to sign your URL into Google for recaptcha:
https://www.google.com/recaptcha/intro/index.html
Enter the code into settings.php.

CROSSTABLES, TTEST, BREAK ARE NOT WORKING PROPERLY IN ANALYSIS

To use more complex analysis, you must install **R** (http://www.r-project.org) on your server. PATH (for Windows) must be set accordingly.

CHARTS ARE NOT SHOWN IN ANALYSIS

The directory admin/survey/pChart/Cache must be writable. gd2 library must be loaded for PHP.

SAVING OF EMAIL SERVER SETTINGS DOES NOT WORK (IN PUBLISH)

PHP must have a **openssl** library loaded.

SAVING OF SOME SETTINGS DOES NOT WORK PROPERLY

The directory of php sessions (e.g. linux folder /var/php5/sessions) is not writable for www user.

UPLOADING IMAGES DOES NOT WORK IN THE EDITOR (QUESTIONNAIRE EDITING)

Uploads directory and all its subdirectories (uploadi/editor …) must be writable.