

DIARY Web Application

The DIARY Web application enables the management of users, questionnaires, notifications, and information (documents and links) to be accessed by the users through the mobile application.

Before the platform can go live, some steps need to be followed:

1. In “Settings”, update:
 - a. Project Responsible
 - b. Welcome Details
 - c. Resource File
 - i. Provide Consent file (PDF) in both languages using the title CONSENT for the English consent and CONSENT_SE for the Swedish consent
2. In “Utility”
 - a. In “Allowed Registration”, upload the list of emails from allowed study participants.
This is an excel file with just one column with the emails
3. In “Links”
 - a. Provide the list of links to website that will be available to the users in the app
4. In “Question” create questionnaires and add questions as explained below
5. In “Group”, create the participants groups and schedule questionnaires and notifications

Following are the lists of menu functions available in DIARY web application:

- Question
- Answer
- Link
- User
- Group
- Notification
- Feedback
- Utility
- App Analytics
- Setting

1) Question

This menu option has two submenus: **Questionnaire** and **Question**. The questions are manually entered using the UI or by importing the questions using the template. During question loading phase, association of question with any questionnaire is not mandatory, later it can be edited with proper display order.

DIARY

Super Admin

Question

Answer

Link

User

Group

Notification

Feedback

Utility

App Analytics

Setting

Question

Import Question

Question

Select Questionnaire

Show 10

Filter list of questions assigned to particular questionnaire

SN	Title	Body	Type	Questionnaire [Order]	Action
1	Dag 4 - A	Hur har du sovit under det senaste dygnet?	Select One		<div>View question detail</div> <div>Delete question</div>
2	Dag 5 - A	Hur har du sovit under det senaste dygnet?	Select One		<div>View question detail</div> <div>Delete question</div>
3	Dag 6 - A	Hur har du sovit under det senaste dygnet?	Select One		<div>View question detail</div> <div>Delete question</div>
4	Dag 7 - A	Hur har du sovit under det senaste dygnet?	Select One		<div>View question detail</div> <div>Delete question</div>
5	Dag 8 - A	Hur har du sovit under det senaste dygnet?	Select One		<div>View question detail</div> <div>Delete question</div>

Shows name of questionnaires with which question is associated. Display order of question inside assigned questionnaire is also shown. For example: 17_Dag1 [7], 18_Dag1 [10], 19_Dag1 [8].

Edit question detail

Add Question

Questionnaire

Add Questionnaire

Select

Display Order

Title *

Body

Question Type

Select

DATA_INPUT

NONE

RATING

SELECT_MORE_THAN_ONE

SELECT_ONE

Select question type.

Select questionnaire with which this question should be associated. This is not mandatory to do during question addition time. It can be edited later also.

Put display order value of question for particular questionnaire. It can be edited later also.

If question is supposed to associate with more than one questionnaire select view can be added. It can be edited later also.

SN	Title
291	Dag 1 - L

Edit Question

Questionnaire

Add Questionnaire+

1_Dag3	▼	7	✖
3_Dag3	▼	8	✖
5_Dag3	▼	8	✖
17_Dag3	▼	9	✖
2_Dag3	▼	10	✖
19_Dag3	▼	10	✖
4_Dag3	▼	11	✖
18_Dag3	▲	12	✖
20_Dag3	▲	13	✖

Title *

Dag 3 - N

Body

Har du några övriga kommentarer? Har påverkade ditt mående idag?

Question Type

DATA_INPUT

Update

This question is associated with 9 questionnaires with different display order value.

This question dissociated with any questionnaire by clicking close button.

Question Detail

















Question detail view. When clicked on eye icon in question list view.

Questionnaire [Order]	2_Dag3 [8], 4_Dag3 [8], 18_Dag3 [8], 20_Dag3 [8]
Title	Dag 3 - G
Body	Under det senaste dygnet, i vilken utsträckning har du känt dig avslappnad?
Question Type	SELECT_ONE

Options:

Inte alls (1) , Våldigt lite (2) , Lite (3) , I viss utsträckning (4) , Mycket (5) , Våldigt mycket (6)

Once questions are loaded, the user with “super admin” role can create questionnaires and associate questions to them. One question can be associated to several questionnaires. Association of questions to questionnaire can be done by editing each question, as explained above. Inside **Question** screen we have **Questionnaire** section in the upper part of screen and **Question** section in the lower part of screen.

Questionnaire				
<div> <div>Show 10 entries</div> <div> <div>+</div> <div>Questionnaire</div> </div> </div>				
SN	Title	Number of Questions	Action	
1	17_Dag1	8		
2	17_Dag2	10		
3	17_Dag3	9		
4	18_Dag1			
5	18_Dag2	13		
6	18_Dag3	12		
7	19_Dag1	9		
8	19_Dag2	11		

To delete a questionnaire, it is necessary to dissociate all the questions with that questionnaire. Only then the questionnaire can be deleted. The easiest way to dissociate all the questions to a questionnaire is as follows:

- Inside **Question** section select the questionnaire to be deleted and find all the list of questions associated with that questionnaire.
- Edit each question and remove the associated questionnaire to be deleted and click update button inside edit question view.
- Once all the questions are disassociated from the questionnaire, the questionnaire can be deleted by clicking delete button.

2) Answer

Inside **Answer** screen we have export, Filter, and List answer feature. Export answer allows to export data in CSV format within provided date range. Filter answer has **Questionnaire** and **User** as filter parameters.

Answer

Export Answer

From

2021-03-09

To

2021-03-09

Export to CSV

1

Select Questionnaire

Select User

Filter

Show

10

entries

CSV

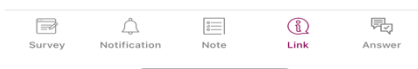
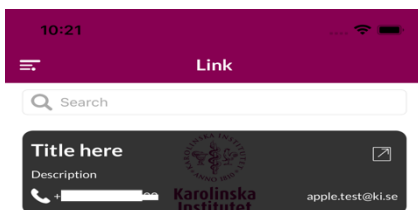
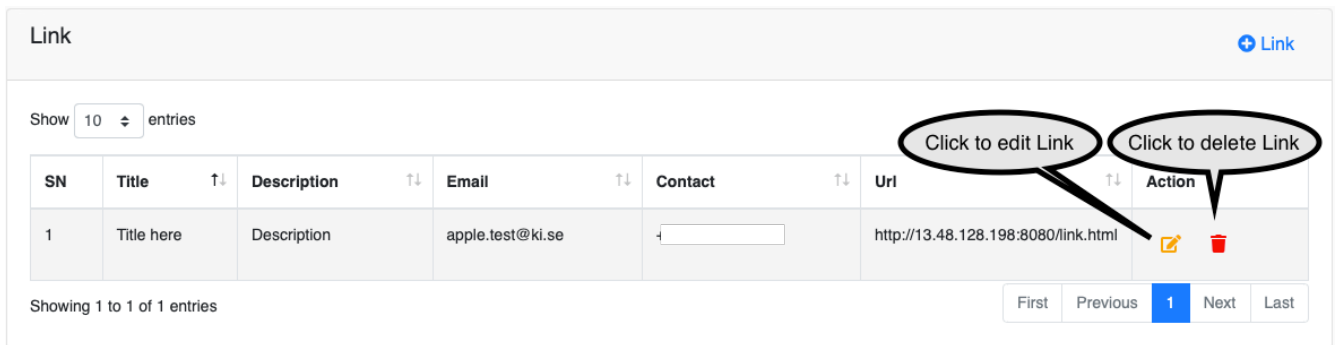
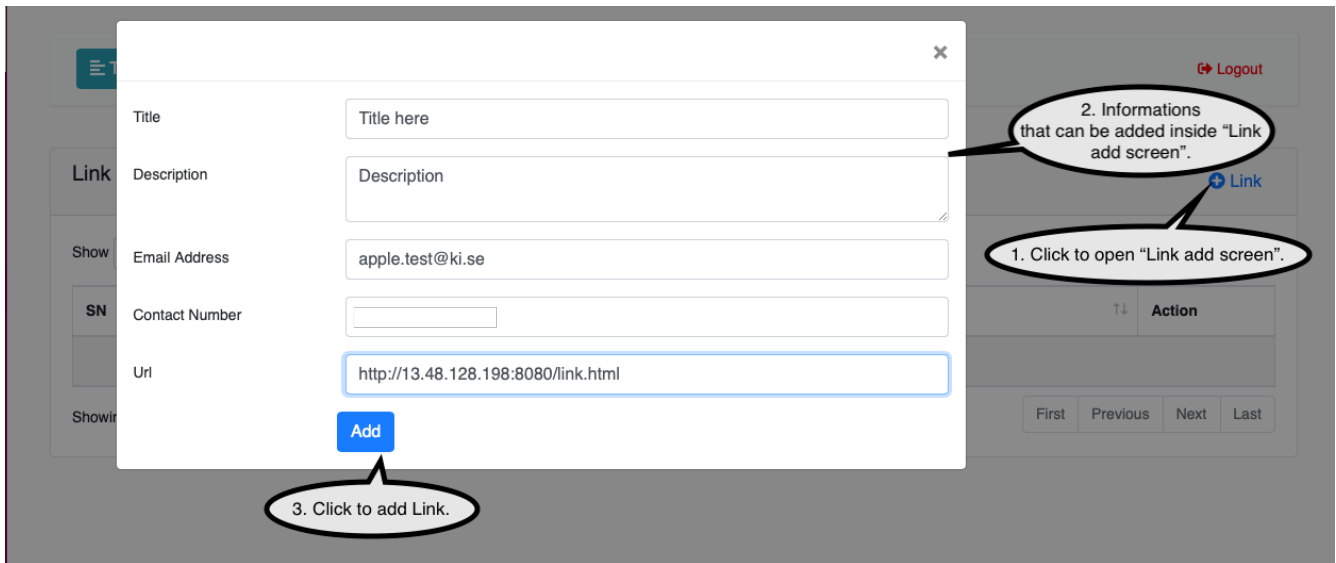
Print

Column Visibility

SN	Date	Questionnaire	User	Title	Body	Answer	Type	Action
1	2021-02-15 9:55PM	Dag 1 - M	sara bartels(Sara.bartels@ki.se)	Dag 1 - M	Vad tyckte du om tipset?	Ok, kanske är användbart	SELECT_ONE	<div>Delete answered question.</div>
2	2021-02-15 9:55PM	Dag 1 - G	sara bartels(Sara.bartels@ki.se)	Dag 1 - G	Under det senaste dygnet, i vilken utsträckning har du känt dig avslappnad?	I viss utsträckning	SELECT_ONE	<div></div>
3	2021-02-15 9:55PM	Dag 1 - N	sara bartels(Sara.bartels@ki.se)	Dag 1 - N	Har du några övriga kommentarer? Har det hänt något särskilt som påverkade ditt mående idag?	i had neck pain	DATA_INPUT	<div></div>
4	2021-02-15 9:54PM	Dag 1 - N	Leo h(leo.kowalski@ki.se)	Dag 1 - N	Har du några övriga kommentarer? Har det hänt något särskilt som påverkade ditt mående idag?	lite stressig morgon	DATA_INPUT	<div></div>

3) Link

Link screen is used to provide general information related to organization, educational material, etc. Once links are provided in the web application, they will be shown in the **link** screen of the **DIARY App**.



4) User





















The User screen shows the list of users already registered. The registration process can be done from **DIARY app** or it can be directly added by **Super Admin** in the web application. If the user is registered from the **DIARY app** then its role will be “**Participant**”. Role of registered user can be updated from the web application. The **Super Admin** role is the only authorized to update the role of any registered user.

User

Filter by Role

Participant

Super Admin

SN	Name	Mobile Number	Email	Role	Action
1					   
2				Participant	   
3				Participant	   
4					   
5				Participant	   

1. Filter user list by role.

2. Add new user. Only Super Admin can add new user.

3. Delete answers given by user.

4. Delete user. User can be deleted only when all the answers given by user is deleted. Refer [3]

5. Edit user detail

6. View user detail

Add User

Logout

User

User's Role: Select

First Name:

Last Name:

Gender: ☐ Male ☐ Female ☐ Other

Date of Birth:





Mobile Number:





Email Address:





Password:

Add

Action

Super admin can add user directly.

5) Group

The Group screen is used to associate members and questionnaire. Once questionnaire and members are associated with a group, and a group is activated, the associated user(s) can see the list of questions in the app, during the activated time frame.

Group						
						+ Group
Show 10 entries						
SN	Title	Description	Member Count	Questionnaire	Action	
1	Intro-enkätGrupp	Test	0	[20_Dag1 (2021-02-15 7:17PM to 2021-02-16 2:45AM) fdffdf - 0:3]	View group detail	
2	iOS Android Test Group		2	[19_Dag3 (2021-02-15 8:00AM to 2021-02-23 8:00AM) Reminder message for iOS Android (Test Server) - 1:1]	Delete group detail	
3	LeoSophia			[20_Dag3 (2021-02-15 8:21PM to 2021-02-16 4:40AM) Prova denna :) - 0:3]	Edit group detail	
4	Ny grupp			[18_Dag1 (2021-02-14 1:24PM to 2021-02-14 8:45PM) fdffdf - 0:3]		
5	Test 1		1	[1_Dag1 (2021-02-15 9:45PM to 2021-02-16 9:44PM) Enkät redo! - 0:0] [1_Dag2		

1:1 => Reminder message will be sent to users after each 1hour, 1 minute time difference. Reminder message will be sent to the user who haven't finished their questionnaire.

Number of member associated with this group.

Logout

Group

Add Group

Title

Description

Members

Select

Search and assign user to group

Questionnaire

Add Questionnaire

Questionnaire:

Select

Select one questionnaire.

Start Date Time:

2021-03-12 03:00 PM

Set start date and end date in which group will be active for assigned users.

End Date Time:

2021-03-12 03:00 PM

Reminder Message:

Set reminder message which will be sent to assigned users if he/she didn't finished to answer.

Reminder Time Interval (hh:mm)

hh

mm

Set reminder interval. Reminder message will be sent to assigned user after each reminder interval if user haven't finished to answer.

Remove

Add

Action

6) Notification

The Notification screen is used to send notifications to registered users. **Broadcast, Role, Group, and Individual** are Notification types. **Broadcast** notification is used to send notification message to all the registered users. **Role** notification is used to send notifications to users having specific role. Currently **Participant** and **Super Admin** role is only defined. **Group** notification is used to send notification message to users assigned to a specific group. **Individual** notification is used to send notification message an individual user.

Notification

Send notification.

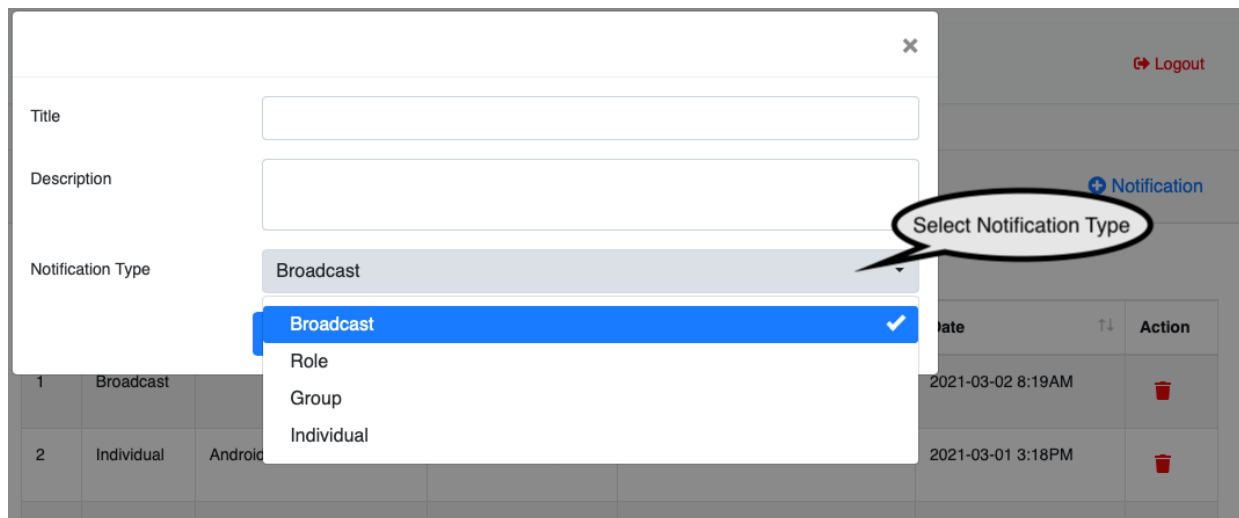
Send notification.

Notification

Show 10 entries

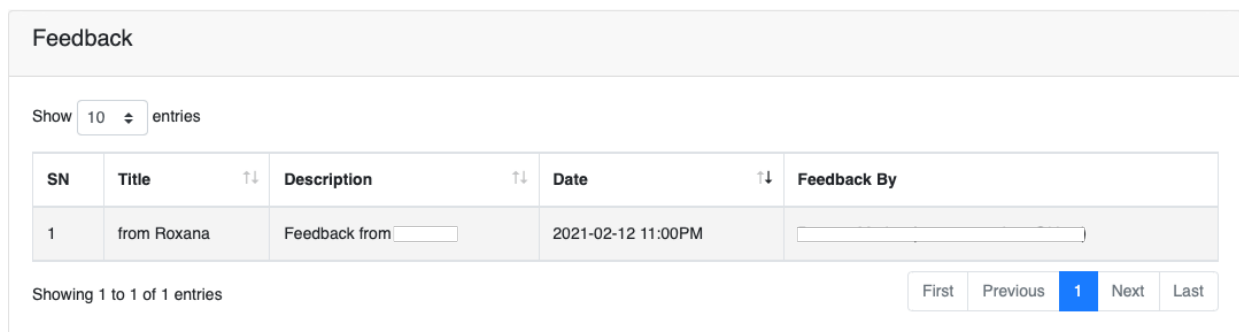
SN	Type	To	Title	Description	Date	Action
1	Broadcast		Broadcast test	notification test		Delete notification.
2	Individual	Android Tester	individual testing	notification	2021-03-01 3:18PM	
3	Broadcast		broadcast	boradcast testing	2021-03-01 3:17PM	
4	Individual	Android Tester	wewwe	dsfd df	2021-03-01 3:16PM	
5	Broadcast		Test notification	Test notification for android	2021-03-01 3:14PM	

9



7) Feedback

The Feedback screen is used to see the feedback provided by users from DIARY app.



8) Utility

The Utility window has **Question Type**, **Role**, **Authority** and **Allowed Registration** sub menus.

Question Type: This section is only used by technical person during server setup time.

Role: This section is only used by technical person during server setup time.

Authority: This section is only used by technical person during server setup time.

Allowed Registration: From then **DIARY app** only allowed users can register. The email address of the users allowed to register into the system should be added in this section. List of email address can be added individually or can be imported as csv file with one column.

Allowed Registration				
Show 10 entries		Import Allowed Registration Allowed Registration		
SN	Email	Create At		
1	aleksandra.bujacz@ki.se	2021-02-10 3:46PM	<div>Import list of email addresses which is supposed to register from DIARY app</div>	
2	android.test@yopmail.com	2021-02-26 1:06PM	<div>Add email address which is supposed to register from DIARY app</div>	
3	apple.test@ki.se	2021-02-11 11:05AM	<div>Delete email.</div>	
4	chandra.ets@gmail.com	2021-02-09 8:56PM		

9) App Analytics

The App Analytics has **Key**, **Key Pair** and **Report** sub menus.

Key: This section is only used by technical person during server setup time.

Key Pair: This section is only used by technical person during server setup time.

Report: This screen is used to see analytics report. Report shows how much time spent by selected user inside selected screen inside **DIARY app**.

App Analytics Report					
<div>FEEDBACK_IN - FEEDBACK_OUT</div> <div>Select screen name(s) for which report needed.</div> <div>Select All Deselect All</div> <div> <div>FEEDBACK_IN - FEEDBACK_OUT ✓</div> <div>LINK_DETAIL_IN - LINK_DETAIL_OUT</div> <div>LINK_IN - LINK_OUT</div> <div>MENU_IN - MENU_OUT</div> <div>NOTE_DETAIL_IN - NOTE_DETAIL_OUT</div> <div>NOTE_IN - NOTE_OUT</div> <div>NOTIFICATION_DETAIL_IN - NOTIFICATION_DETAIL_OUT</div> <div>NOTIFICATION_IN - NOTIFICATION_OUT</div> </div>					
Note In	2021-02-12 6:20PM	Note Out	2021-02-12 6:20PM	00:00:01	

App Analytics Report

FEEDBACK_IN - FEEDBACK_OUT, LINK_DETAIL_IN - LINK_DETAIL_OUT, LINK_IN - LINK_OUT, MENU_IN - MENU_OUT, NOTE_DETAIL_IN - NOTE_DETAIL_OUT

1

Select user
name(s) for which
report is needed.

yopma

odu

Select All

Deselect All



App Analytics Report

FEEDBACK_IN - FEEDBACK_OUT, LINK_DETAIL_IN - LINK_DETAIL_OUT, LINK_IN - LINK_OUT, MENU_IN - MENU_OUT, NOTE_DETAIL_IN - NOTE_DETAIL_OUT

1

Export report for selected users in CSV format.

Export report for all users in CSV format.

Filter Reset Export CSV (Selected) Export CSV (All)

Show 10 entries

Report list.

Title1	Value1	Title2	Value2	Difference (hh:mm:ss)	User
Note In	2021-02-12 6:23PM	Note Out	2021-02-12 6:23PM	00:00:01	
Note In	2021-02-12 6:23PM	Note Out	2021-02-12 6:23PM	00:00:01	
Note In	2021-02-12 6:20PM	Note Out	2021-02-12 6:20PM	00:00:01	
Menu In	2021-02-12 6:20PM	Menu Out	2021-02-12 6:20PM	00:00:01	
Menu In	2021-02-12 6:20PM	Menu Out	2021-02-12 6:20PM	00:00:03	
Notification In	2021-02-13 9:27PM	Notification Out	2021-02-13 9:27PM	00:00:01	
Notification In	2021-02-12 6:20PM	Notification Out	2021-02-12 6:20PM	00:00:01	



10) Setting

The Setting screen has **App Version**, **Setting**, **Project Responsible**, **Welcome Detail** and **Resource File** sections.

App Version: Whenever a new version of the app is updated in App Store or in Play Store, it is good to inform registered users. This can be done by editing **iOS** family if there is update in App Store and by editing **ANDROID** family if there is update in Play Store. Once the current version is updated, a notification message will be sent to the registered users about availability of new version in App Store or in Play Store.

App Version

Show 10 entries

Family	Version	Force Update	Url	Action
IOS	1.0	false		
ANDROID	1.0	false		

Showing 1 to 2 of 2 entries

First Previous 1 Next Last

Edit App Version

Family *

IOS

Version *

1.0

Force Update

☐ Yes
☒ No

Url

Update

Current version available in App Store.

Force Update "Yes" means DIARY app will be locked until recent version will be installed/updated. Force Update "No" means user will see only notification message about new version.

Put url from where app can be downloaded.

Logout

↑↓

Action

Setting: Bulk SMS related credential can be configured. No need to change anything here otherwise SMS feature will break.

Project Responsible: Information configured here will be reflected in DIARY app.

Welcome Detail: Welcome and Thank You text can be configured here but currently it is not reflected in DIARY app.

Resource File: Consent file in Swedish and English can be updated here, and it will be reflected inside DIARY app during registration process. The title of resource file must be of same name I.e "CONSENT" for the English version, and "CONSENT_SE" for the Swedish. Otherwise, relevant consent will not be displayed in DIARY app and may cause app crash during the registration process.

Resource File

+

Resource File

Show

10

entries

Title	Description	File	Action
CONSENT		See File	<div></div> <div></div>
CONSENT_SE		See File	<div></div> <div></div>

Showing 1 to 2 of 2 entries

First

Previous

1

Next

Last

