

**University of Witwatersrand**

**ELEN 7046**

**Software Technologies and Techniques**

Johannesburg Centre for Software Engineering, Johannesburg, South Africa

---



**Group Assignment**


SirVey User Guide

## Sign Up

To access any of the functionality, the user has to be signed up to SirVey.

To do so,

1. Click on Sign Up in the top right hand corner
2. Enter name, email address and password in the fields provided. Note that only email addresses unique to SirVey will be accepted as valid
3. Click Sign Up


[Show apps](#)  Sir Vey [Home](#) [Sign up](#) [Login](#)

### Sign up

**Name**

**Email**





**Password**

 Connect with Google+

## Login

Once registered, you can log into the application. To do so,

1. Click Login in the top right hand corner of the application.
2. Enter the registered email and password of the user
  - a. The default admin credentials: **email:** [admin@admin.com](mailto:admin@admin.com), **password:** admin
  - b. The default surveyor credentials: **email:** [test@test.com](mailto:test@test.com), **password:** test

 Sir Vey  Home Sign up  Login 

## Login


Accounts are reset on server restart from `server/config/seed.js`. Default account is `test@test.com / test`

Admin account is `admin@admin.com / admin`

Email

Password

Login Register

 Connect with Google+











Once logged in, the administrator will have access to the tabs as shown below. The survey will only have access to the Capture Survey and Local Storage tabs.



## Capture Survey

To capture a survey,

1. Navigate to the Capture Survey tab
2. Click on the survey you'd like to complete from the list of surveys. In the example below, the Sample Food survey has been selected.

 Sir Vey  Home  Capture Survey  Survey Admin  General Admin  Reports  Local Storage  Hello Admin   Logout

Choose a survey from the list below:

Medical Health Survey

Sample Food Survey

What is your favourite food?

What is your favourite restaurant?


Are you vegetarian?

☐ Yes











☐ No

☐ Not Sure

What flavours do you like out of these?



3. Complete the survey, and click the Submit button.
4. Once submitted, the confirmation message will be displayed, and the Local Storage survey count will increment by one.
5. To capture another survey, click on the hyperlink as shown

 Sir Vey  Home  Capture Survey  Survey Admin  General Admin  Reports  Local Storage  Hello Admin   Logout

## Your survey has been captured

Click [here](#) to capture another survey

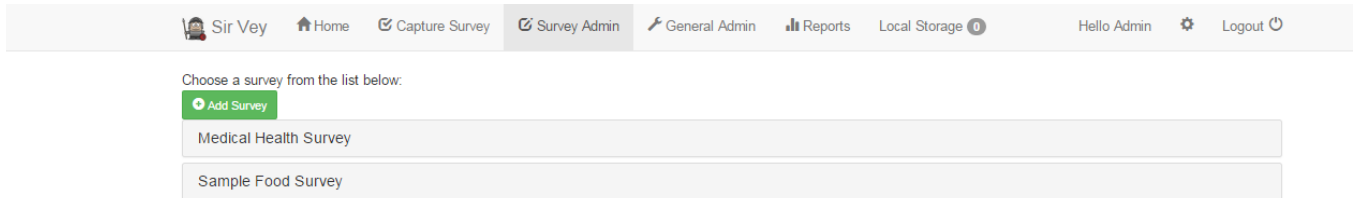
## Survey Admin

Under the Survey Admin tab, the administrator is able to create new surveys, edit existing surveys as well as delete surveys.

### Add Survey

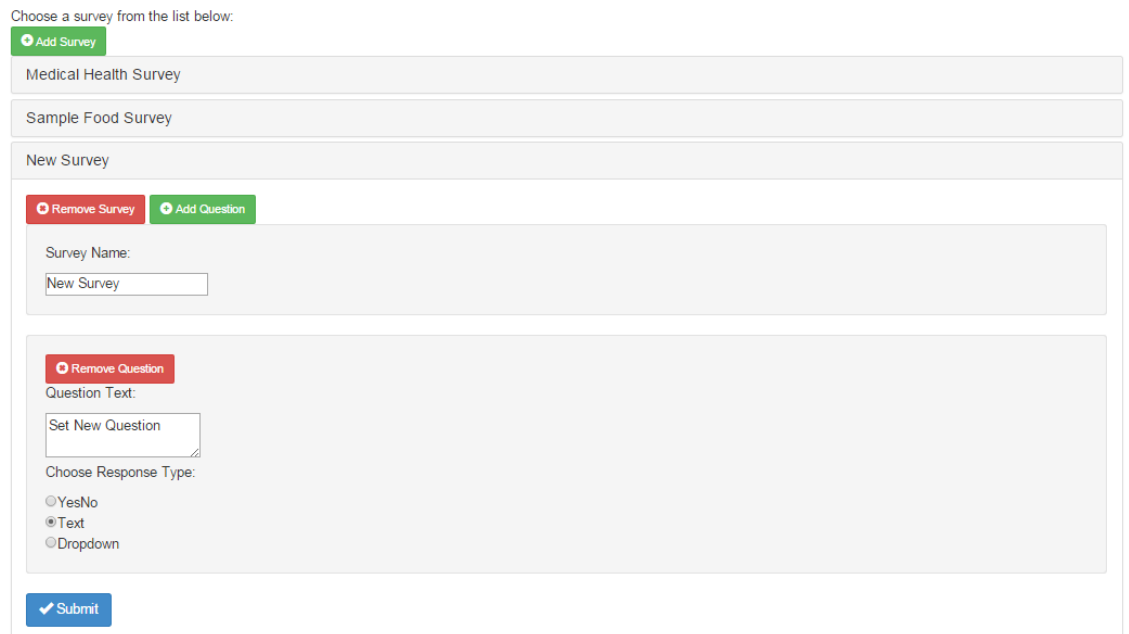
To add a new survey,

1. Click on the Add Survey button



The screenshot shows the top navigation bar with the 'Survey Admin' tab selected. Below the navigation bar, there is a section titled 'Choose a survey from the list below:'. This section contains a green 'Add Survey' button and a list of two existing surveys: 'Medical Health Survey' and 'Sample Food Survey'.

2. A new survey appears where the user can
  - a. Delete the survey by clicking the Remove Survey button
  - b. Add a new question to the survey by clicking the Add Question button
  - c. Rename the survey under the Survey Name text box
  - d. Remove a question by clicking the Remove Question button
  - e. Edit the exiting questions



The screenshot shows the 'New Survey' form. At the top, there is a section titled 'Choose a survey from the list below:' with a green 'Add Survey' button and a list of two existing surveys: 'Medical Health Survey' and 'Sample Food Survey'. Below this list, there is a 'New Survey' section. This section contains a red 'Remove Survey' button and a green 'Add Question' button. Below these buttons, there is a 'Survey Name:' text box with the value 'New Survey'. Below the text box, there is a 'Question Text:' text box with the value 'Set New Question'. Below the text box, there is a 'Choose Response Type:' section with three radio buttons: 'YesNo', 'Text', and 'Dropdown'. At the bottom of the form, there is a blue 'Submit' button.

3. Once complete, click the Submit button to save the changes

### Edit Survey

The user is able to add new questions, edit existing questions as well as delete questions to existing surveys.

To edit a survey,

1. Click on the survey name hyperlink to expand it. In the example below, the sample food survey has been selected.

Choose a survey from the list below:

➕ Add Survey

Medical Health Survey

Sample Food Survey

➕ Add Question
➖ Remove Survey

Survey Name:

➖ Remove Question
 Question Text:
 
 Choose Response Type:
 

☐ YesNo
 ☒ Text
 ☐ Dropdown

➖ Remove Question
 Question Text:

2. Once expanded, the user is able to
  - a. Rename the survey under the Survey Name text box
  - b. Delete the survey by clicking the Remove Survey button
  - c. Add a new question to the survey by clicking the Add Question button
  - d. Add a new answer option in the case of the YesNo and Dropdown question types
  - e. Remove an answer option in the case of the YesNo and Dropdown question types
  - f. Remove a question by clicking the Remove Question button

➖ Remove Question
 Question Text:
 
 Choose Response Type:
 

☒ YesNo
 ☐ Text
 ☐ Dropdown

➕ Add Answer Option

Yes	✕
No	✕
Not Sure	✕

3. Once complete, click the Submit button to save the changes

## Delete Survey

To delete a particular survey,

1. Click on the survey hyperlink
2. Click on the Remove Survey button

## General Admin

The administrator is able to delete user profiles on this tab.

To delete a user profile,

1. Click on the dustbin icon on the right of the user details

The delete user and user index api routes are restricted to users with the 'admin' role.

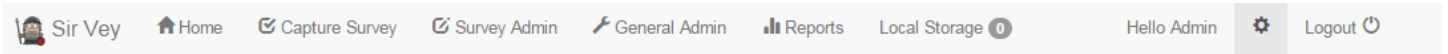
Admin  
admin@admin.com



## Profile Admin

The user is able to manage his own password by,

1. Clicking on the gear in the top right hand side of the page
2. Filling in the current and new passwords in the text fields provided



## Change Password

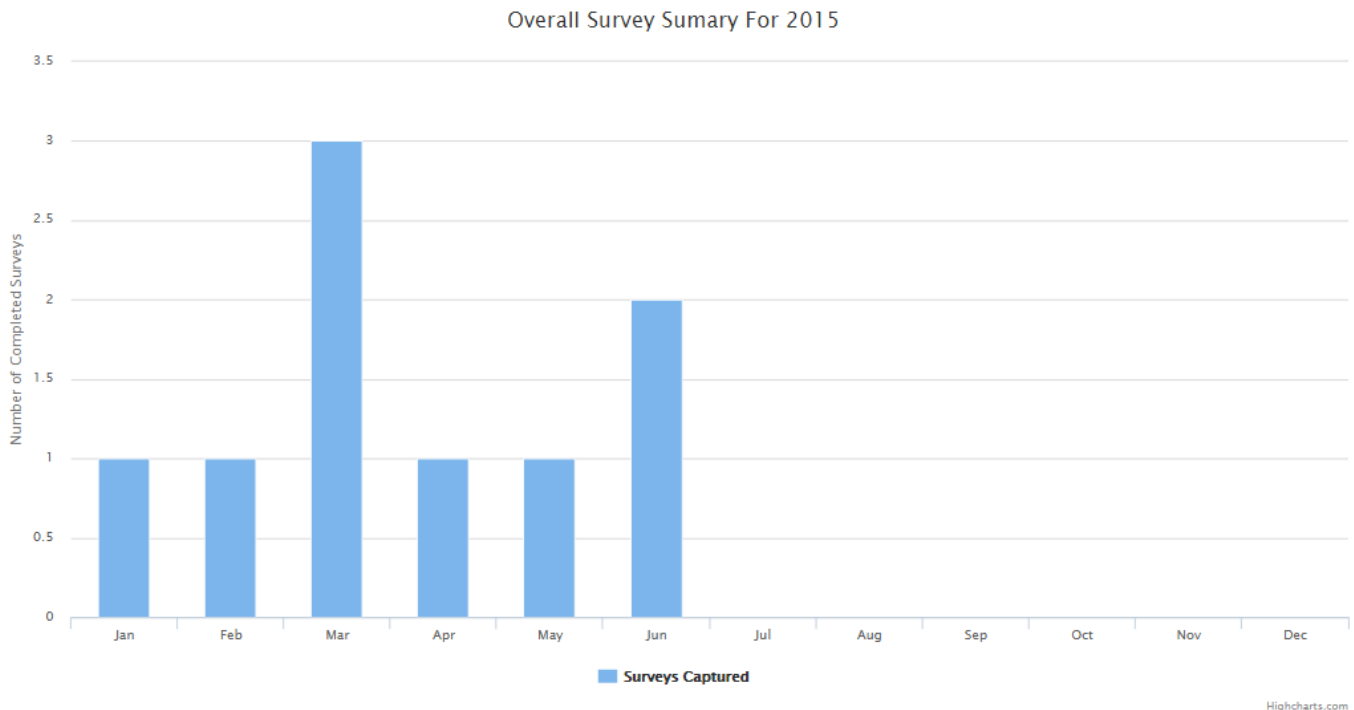
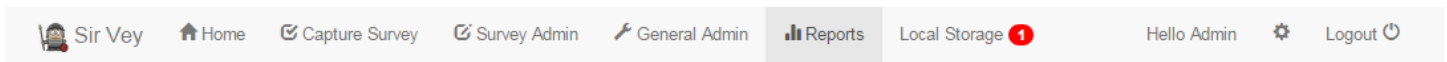
Current Password

New Password

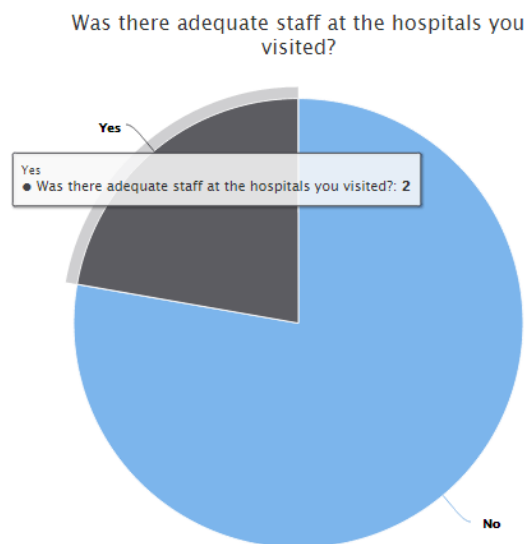
Save changes

## Reports

The reports tab allows the administrators to view the reports of the completed surveys. Currently, reports for YesNo and Dropdown questions are supported. The total number of completed surveys for the current month is also displayed.



More detail on the question and the number of responses can be obtained by hovering over that particular part of the graph. In the example below, more detail on the total number of “yes” answers was sought for the question “Was the adequate staff at the hospitals you visited?”

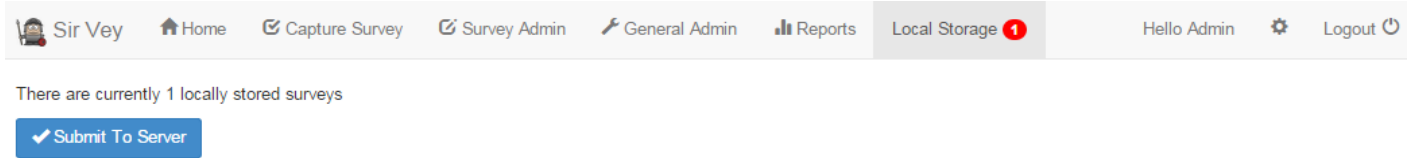




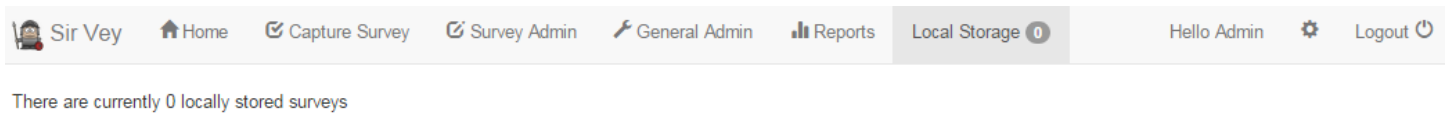
## Local Storage

Once at least one survey has been completed, the surveyor or administrator can submit the locally stored surveys to the database. The number of locally stored surveys is conveniently displayed on the tab as well as the tab's landing page. To submit the surveys to the database,

1. Click the Submit to Server button



2. Once submitted, the number of locally saved survey count will return to zero



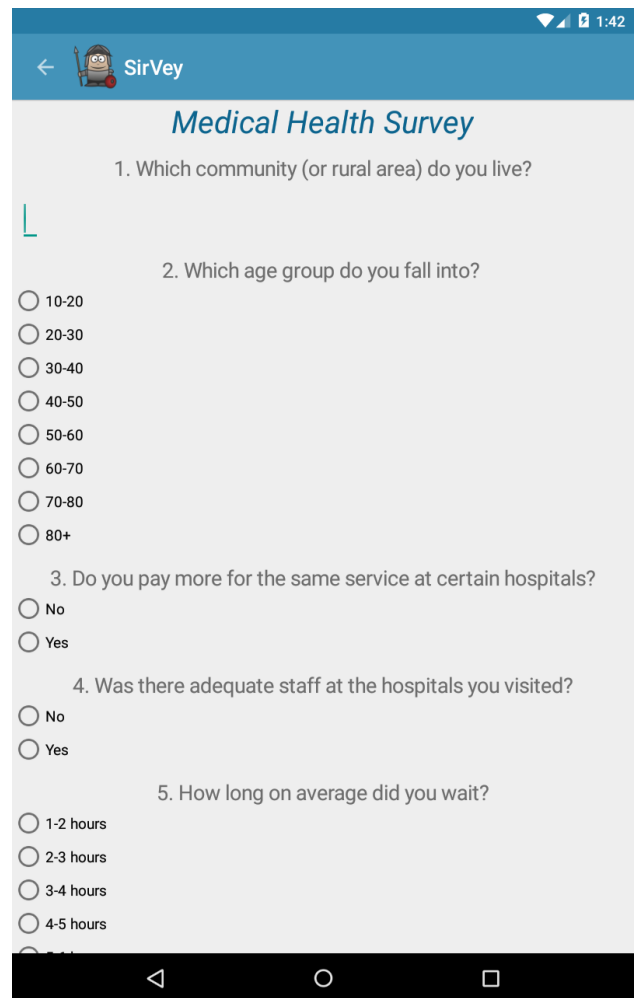
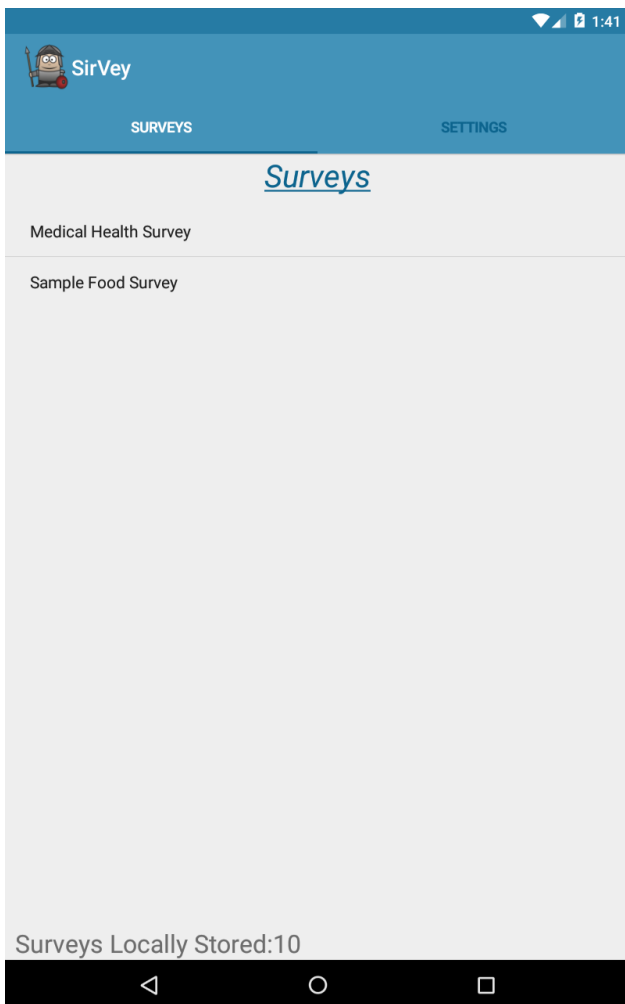
## Android Application

The Android application provides access to the capture survey functionality for surveyors. There is currently no requirement for login on the mobile app.

### Surveys Tab

On the surveys tab of the mobile app, the user has access to the list of available surveys as shown below. In addition, the user is prompted as to the number of locally stored surveys (on the device's local database). To access a survey and complete it,

1. Click on the survey name
2. Complete each of the questions presented
3. Should any of the questions be marked as compulsory but not be completed, the user will get prompted
4. Once completed, click on the Submit button



## Settings Tab

The Settings tab on the mobile app allows the user to configure the web app's server address as well as perform survey specific functionality like sync with the application server.

To configure the server address, click the Change button and edit the existing address to reflect the desired one.

To synchronise the local surveys on the device to reflect the list of surveys on the web application server, click on the Synch Surveys with Server hyperlink

To delete the surveys currently stored on the devices local database, click on the Delete Stored Local Surveys hyperlink

Once the surveys are completed and submitted on the Surveys tab, the completed surveys are stored locally. To delete these from the device, click on the Delete Stored Answered Surveys hyperlink.

To send the locally stored completed surveys to the web application server, click on the Send Completed Surveys to Server hyperlink.

