

Project 93



Coding School

How It Works

Start Here

Built on Code Studio ▲

- ❖ Let's design the health care app created in the 92 project to include the results of reports related to the user's health conditions
- ❖ For this, use the same project that you created and completed in the 92 project and continue to develop it.
- ❖ 92 In addition to the variables created in the project, create these variables for this project at the same place below.

```
var qId = 0;
var suger;
var pressure;
var totalCol;
var ldl;
var hdl;
```

- ❖ Here we ask 5 questions from the user and store the answers related to each question in a data table
- ❖ For that, two screens called dashboard and quizScreen have been provided for you. Use them.
- ❖ Now let's create the data table called quiz which includes the questions and their standard values.
- ❖ For this, as done in the previous project, go to the data tab and create a data table as "QuizTable" in addition to the Users table

← Back to data Debug view

QuizTable Visualize Data Clear table Import csv Export to csv

Id	Question	StandardLowLevel	StandardHighLevel	Actions
#	enter text	enter text	enter text	Add Row
1	"What is your blood sugar level?"	80	120	Edit Delete
3	"What is your blood pressure?"	80	120	Edit Delete
4	"What is your total cholesterol level?"	200	239	Edit Delete
5	"What is your LDL level?"	100	139	Edit Delete
6	"What is your HDL level?"	40	80	Edit Delete

- ❖ Go into that table and add all the records as above using the add row button.
- ❖ Then another data table should be created to store the answer values given by the user to each question.
- ❖ Name it as "HealthRecords"..

DATA TABLES KEY/VALUE PAIRS

Create data tables to store rows of data with multiple columns for different fields.

Table name

Table name	Actions
HealthRecords	Delete
QuizTable	Delete
Users	Delete

- ❖ Add columns for that table as follows.

Id	Userid	Suger	Presure	TotalCol	LDL	HDL	Actions
#	enter text	enter text	enter text	enter text	enter text	enter text	Add Row

- ❖ Only creating the table is done at this time and no data is manually added.
- ❖ In that way, after creating the two data tables, let's code to create how to store the values entered by the user in the data table
- ❖ After logging into the app, you will be in the dashboard screen.
- ❖ First, click on the logout button at the top and enter the following code to log out.

```
onEvent(▼"btnLogout", ▼"click", function() {
  loggedUserId = ""
  setScreen(▼"Home");
});
```

- ❖ Here, the value stored in the loggedUserId variable is removed and directed to the Home screen.
- ❖ Now, when you click on the Enter to check your health status button, code as follows to go to the quiz screen.

```
onEvent(▼"btnLetsTest", ▼"click", function() {
  setScreen(▼"quizScreen");
  makeQuestions();
  setText(▼"txtValue", "");
});
```

- ❖ Here makeQuestions() is called. Let's see how to create the function.

```
function makeQuestions() {
  setText(▼"txtValue", "");
  readRecords("QuizTable", {}, function(records) {
    setText(▼"question", records[qId].Question);
  });
}
```



- ❖ `setText(▼ "txtValue", "");` This block has been used to empty the value of the text box called txtValue, which should be given an answer every time each question is presented to the user.
- ❖ Then read the QuizTable and set the value in the Question column of the record related to the value of the qId variable created above as the text of the label called question
- ❖ When created in this way, only the first question will be displayed.
- ❖ The next button should be clicked to load the other questions. Let's code what should happen when it is clicked.

```
onEvent(▼ "btnNext", ▼ "click", function() {
  if (qId == 0)
  {
    suger = getNumber(▼ "txtValue");
  }
  else if (qId == 1)
  {
    pressure = getNumber(▼ "txtValue");
  }
  else if (qId == 2)
  {
    totalCol = getNumber(▼ "txtValue");
  }
  else if (qId == 3)
  {
    id1 = getNumber(▼ "txtValue");
  }
  qId = qId+1;
  if (qId <= 6)
  {
    makeQuestions();
  }
  if (qId == 4)
  {
    hideElement(▼ "btnNext");
    showElement(▼ "btnReportSubmit");
  }
});
```

Thus, when the next button is clicked, after its functionality is coded, the values given to each question by the user are stored in the corresponding variable.

- ❖ After the user inputs are stored in the variables, when the submit button is clicked, the way to store them in the HealthRecords data table is as follows.

```
onEvent("btnReportSubmit", "click", function() {  
    createRecord("HealthRecords", UserId, loggedUserId, Sugar, suger, Pressure, pressure, totalCol, totalCol, LDL, ldl, HDL, hdl, function(record) {  
    });  
});
```

- ❖ In the HealthRecords table,
 - The value of the loggedUserId variable for the UserId column,
 - The value of the suger variable for the suger column,
 - The value of the pressure variable for the Pressure column,
 - The value of the totalCol variable for the TotalCol column,
 - The value of the ldl variable for the LDL column,
 - The value of the hdl variable for the HDL column, Pass and create a record
- ❖ Run the app and make sure that the values given for the txtValue textbox are stored in the HealthRecords data table.