Pre-test Questions
1. What is your age?
2. What is your native language?
3. Do you consider yourself techno-savvy?
4. How long have you had diabetes?
5. When you learned that you had Type I diabetes, what were some of the most difficult things to do? Why?
6. How well do you know your condition and what steps you need to take to maintain balance?
7. Do you think a tool that helps you to forecast your BGL over the next few hours would be useful?
8. Are you a vegetarian?
9. Do you exercise a lot? If so, how many hours do you average exercise a week?
10. How often do you record your BGL?
11. How relevant for you is to know your BGL? (From a scale of 1-10)
12. What are the most and least frequent functions you use with your BGL testing device? Why?
13. What are some of the most difficult experiences you have had when getting a reading?

Post-test Questions
1. Did you like the device? If you are given a scale from 1 (least satisfied) to 10 (most satisfied), what would you rate this device?
2. Was doing data entry easy and efficient or was it complex and time-consuming?
3. Were the graphics appropriate? Did you find the text sizes and font styles easy to read?
4. Was the task time consuming, tedious or difficult?
5. Was the prediction informative and helpful or was it too vague?
6. Were you satisfied with the number of screens that you had to pass through to get to the screen you wanted?
7. Were the instructions or the icons presented by DFS ambiguous, confusing or easy to follow?
8. Were you satisfied with the feedback you were presented after entering data?
9. Were you allowed to fix errors (e.g. change the mistyped information)?
10. Do you think that you would remember how to do similar tasks as the ones you have performed in the future? If not, please state which kind of task that would require you most practice.
11. What are the most and least useful parts of the device in your opinion? Please tell us the reasons as well.

Tasks  
Reminder: This test focus on the usability of the device, there is no hidden or implied test on the user.

The following tasks assume that you are using the DFS with normal healthy condition. It is your first time using this device, and you are trying to perform several tasks using the basic features of the device.

Task 1: Test Your Blood Glucose Level
You are doing the routine task of obtaining your BGL with this device.

1. Turn on the device.
2. Go to the get blood section.
3. Insert the testing strip to put blood into system
4. Wait for reading

Task 2: Check the Last Record of BGL
You want to see the BGL that you tested yesterday.

1. Turn on the device.
2. Go to the history section.
3. From the list of dates and time, pick the specific one you want to see.

**Task 3: Check the Food Database**
You want to know how much insulin you need to take if you eat 100 gram of rice.

1. Turn on the device.
2. Go to the database section.
3. Under category, pick rice.
4. Enter the amount of rice you will consume (100g).
5. Click on calculate button.

**Task 4: Turn off the Prediction**
Imagine you are feeling ill. The prediction feature will not work properly at this time and you'll need to turn it off.

1. Turn on the device.
2. Add a test strip. After the picture of a blood droplet comes up, tell the device that you are not feeling well.
3. Pretend that you've given blood (click on the "give blood" button)
4. Interpret the results. Do they make sense? Do you feel closure that you understand a prediction cannot be made when you're ill? i.e., did the device provide feedback to this effect?

The following tasks assume that you have built some knowledge of the system. You want to perform several tasks using the some advanced features along with the basic features of the device.

**Task 1: Enter Food Information and Insulin**
You just ate breakfast and took both long and short insulin. Test your BGL, enter both the BGL reading and food information into the system, and get a forecast for when you need to check again.

1. Perform a Simple BGL Test
2. Enter Food menu
3. Enter Food data and exit to main menu
5. Enter Insulin Menu
6. Enter Insulin Data then press Forecast button. Did the result show up? Do you understand what the reading says? i.e. Did the system provide useful suggestion and prediction that can help you know when to check your BGL again?

**Task 2: Send the Result through Email**
You want to send the result of the forecast to your doctor by sending the information to his email address. Suppose the device is wireless enabled.

1. Turn on the device, do a BGL test and forecast.
2. Locate the Data link screen and enter it.
3. Choose “send to email address” feature.
4. Enter the doctor’s email address.
5. Click send. Did the system give you a feedback of successful/unsuccesful transmission? If unsuccessful, did the system state what the reason is? i.e. wrong email address.

**Task 3: Change a Default Setting**
You are a user in a foreign country and instead of measuring your blood glucose level in terms of milligrams/deciliter (mg/dL), you need to change the default setting to millimoles/liter (mmol/L), the sensible way to measure a blood glucose reading where you live.

1. Turn on the device and enter the setup screen.
2. Locate the blood glucose setting screen and enter it.
3. Change the default mg/dL to mmol/L
4. Exit the setup after saving the setting.
5. Insert a test strip and press "give blood" button. Do results show up with new measurement unit (mmol/L)?