Table 1

Usability Tasks Assigned to Study Participants

Number	Task	Description
1	Registering new users	The new user is required to enter a username, password, full name, and e-mail address and click on "Register," as shown in Figure 4. Completion of this registration process sends an automated request to the administrator, and the user is expected to wait for approval before proceeding to the next step.
2	Logging into the system	Upon approval by the administrator, the user is able to log into the stand-alone system. Logging into the system requires entering the approved username and password and clicking on "Enter."
3	Registering patients	This is the first step in data collection. The user is expected to enter five major patient details: the patient's name, date of birth, e-mail address, home address, and phone number (Figure 3). These details are utilized by the system in generating a unique identifier for each patient record entered. The user may still proceed with registering a patient in the event that one or more of the required details are missing. However, one or more fields needs to be filled for a patient ID to be generated.
4	Viewing records	This task involves retrieving an existing patient record that was previously incomplete. To do this, the user searches for the record using the "Search" key and identifying the record based on the patient ID number or names displayed in the record list (Figure 7).
5	Navigating through the system	This task involves successively moving through all the steps required to fill a patient record. These steps include registering a new user (task 1 above), logging into the system (task 2), registering patients (task 3), viewing records (task 4), and performing data entry (task 6).
6	Performing data entry	This task involves entering the patient data corresponding to each of the 36 surveys for acute bacterial infections contained in the system (Figure 8). The user is required to complete each survey with the information obtained from interviewing the patient.
7	Synchronizing the entered records	This task involves using the data synchronization feature upon completion of patient records. This function facilitates the transfer of patient data to a central database repository.