Prescription Refill

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In this task, an automated telephone system for setting up an appointment to refill a prescription is simulated. This is implemented in two pages, in the first page, the instruction is given, and by pressing the call button, the second page will appear. In fact, there is one windows Form naming form1, and two tableLayoutPanels as the first and second pages. In the second page, there is a telephone. Every Button on the second page has a click event. Except for the “hang up” button which simply terminates the phone call, the click event of each button has a switch case which decides the action of the button based on the current status of the call which is held in int curStatus. The curStatus can get the values defined in ConstValues class. Depending on the current staus, by pressing each of the number key buttons a method of an object of Telephone class will be called. Telephone class basically performs all the automated telephone system expected actions, so an object of it naming telephone is instantiated in the Form1 class.

The default language of the system is English, but the user has the option to change it to Spanish in the beginning of the phone call. The field language in Telephone class is used to determine the language, and based on that in each method of the Telephone class, plays either the English or Spanish audio file.