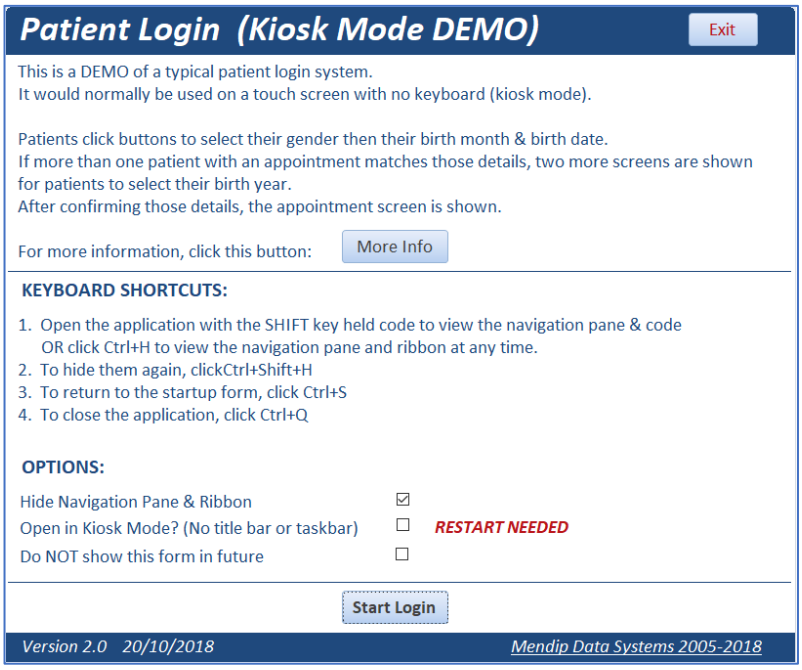
Kiosk Mode DEMO – Patient Login

This is a DEMO of a typical patient login system.
It would normally be used on a touch screen with no keyboard (kiosk mode).
Large text and buttons are used for kiosk mode

Patients click buttons to select their gender then their birth month & birth date.
After confirming those details, the appointment screen is shown.

A startup form shows a summary of its use together with various option settings

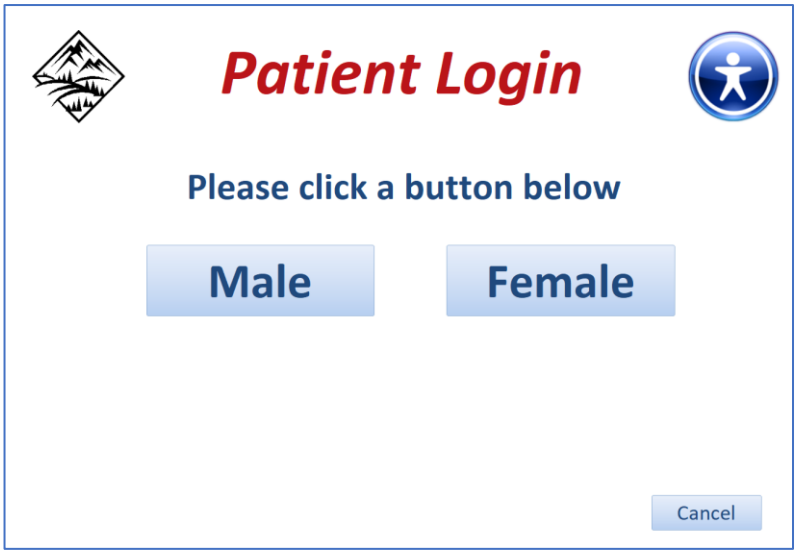


In normal use, this start up form would NOT be shown
Instead the application opens at the login screen

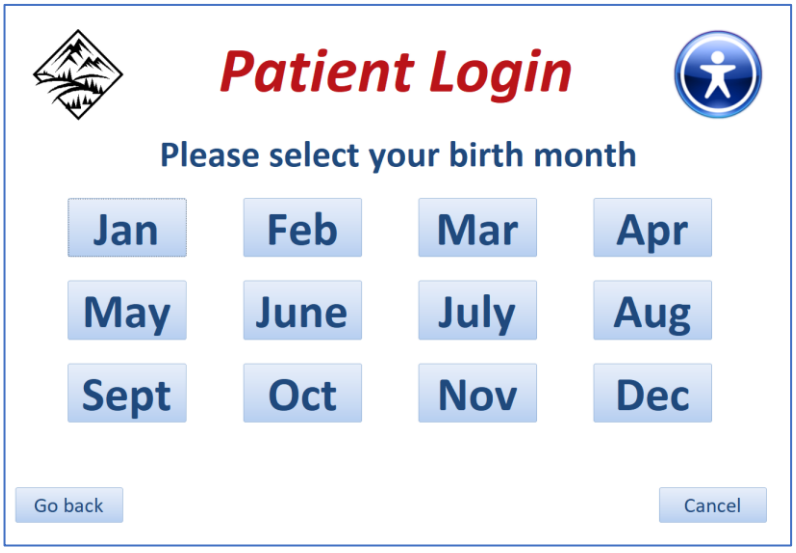
Clicking the **Kiosk mode** option on the **Start** form removes the **title bar** and **taskbar**.
This means the application completely fills the screen

Users click the **Start** button to begin the login process. A series of screens appear in turn

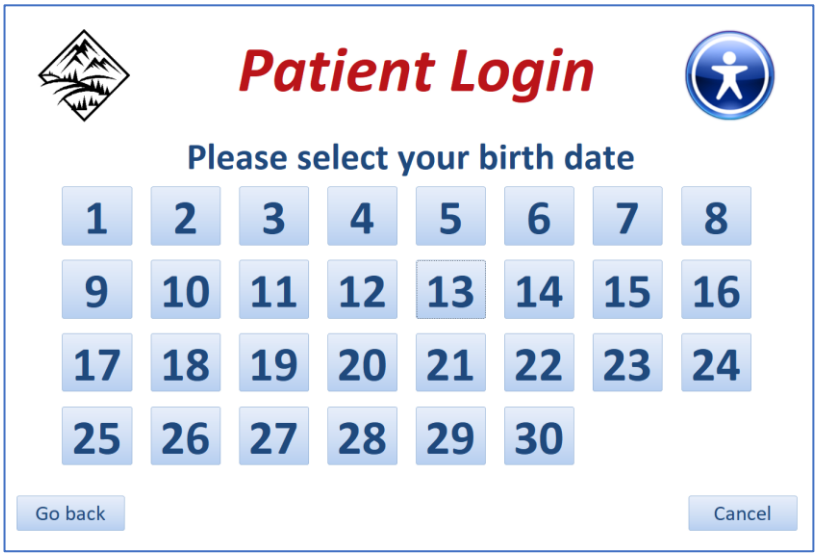
1. **Gender**



2. **Birth month**

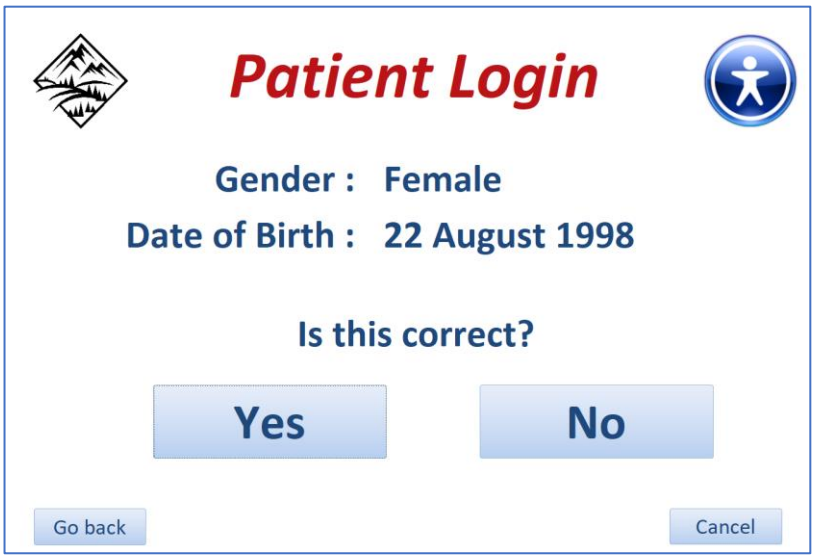


3. Birth date



4. Appointment Check

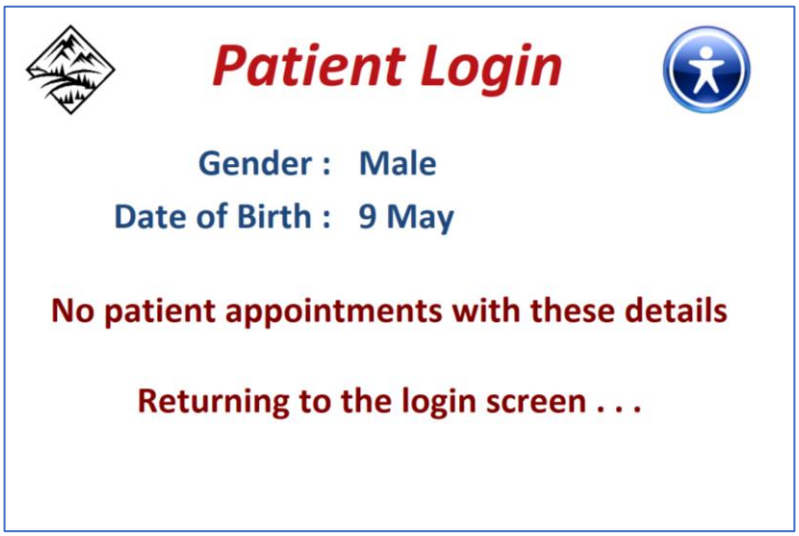
The application then checks the list of appointments for the current date
If there is only **one record** matching those details, a **confirmation screen** appears



Click **Yes** if the details are correct and the appointment details are confirmed

Otherwise click **No** to return to the initial login screen

There are **several variations** on the **confirmation screen** depending on the outcomes.
If **no matching details** are found, this screen appears instead



If the appointment is more than 1 hour later, this screen is shown

If the appointment was earlier in the day, a message like this is shown.

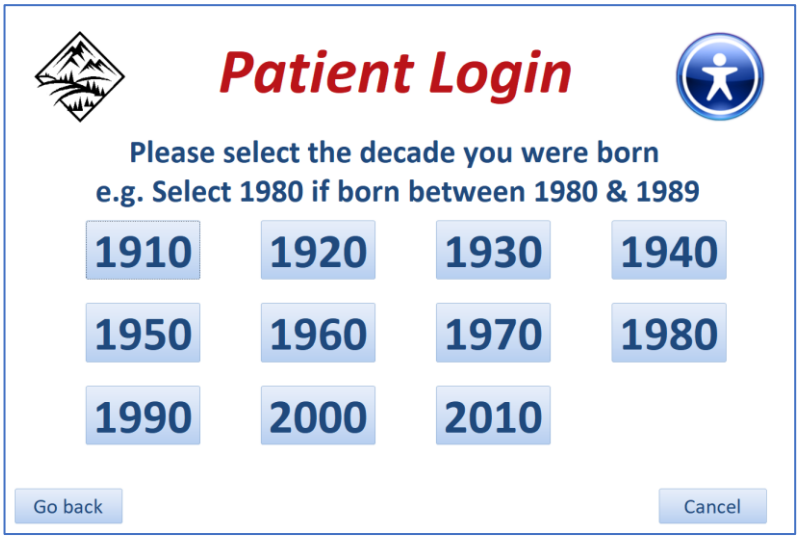
When the **Done** button is clicked, the application returns to the login screen.
In addition, the patient **login time** is saved in the appointments table.
This provides an easy method of checking for **non-attenders** as these will have no login time

Another outcome is that 2 or more patients with the same gender and birth date/month may have an appointment that day. If so, additional screens appear so that the **year of birth** can be checked.

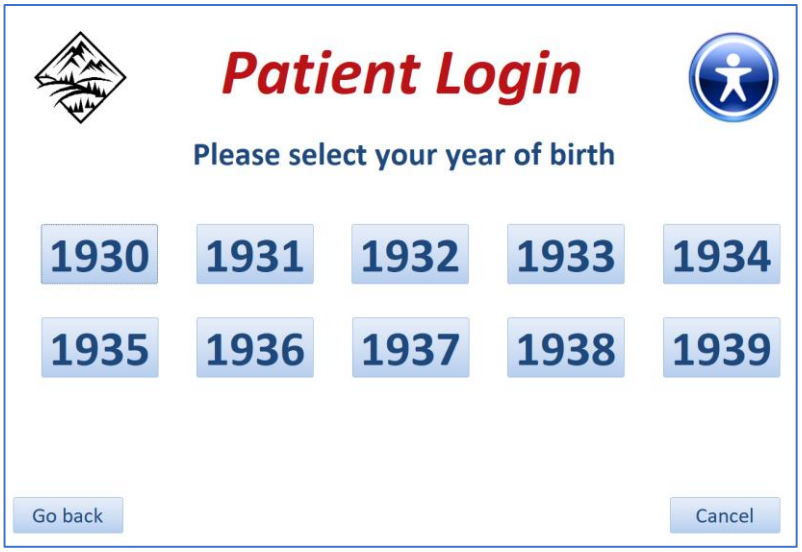
To test this process, multiple appointments have been made for patients born on the 10th of each month.
For example, try the following:

Birth Month	Birth Date	Female – Birth Year	Male – Birth Year
Feb	10	1932 & 1962	1928 & 1945
Mar	10	1958 & 1973	1966 & 2000
Dec	10	1938 & 1977	1945 & 1999

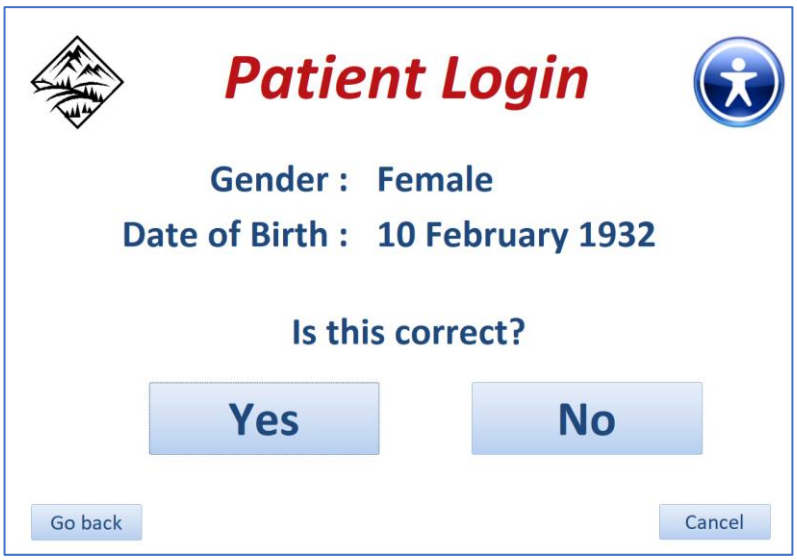
5. Decade of birth



6. Year of birth



The **confirmation screen** is displayed and the application follows the same process as in step 4 earlier.

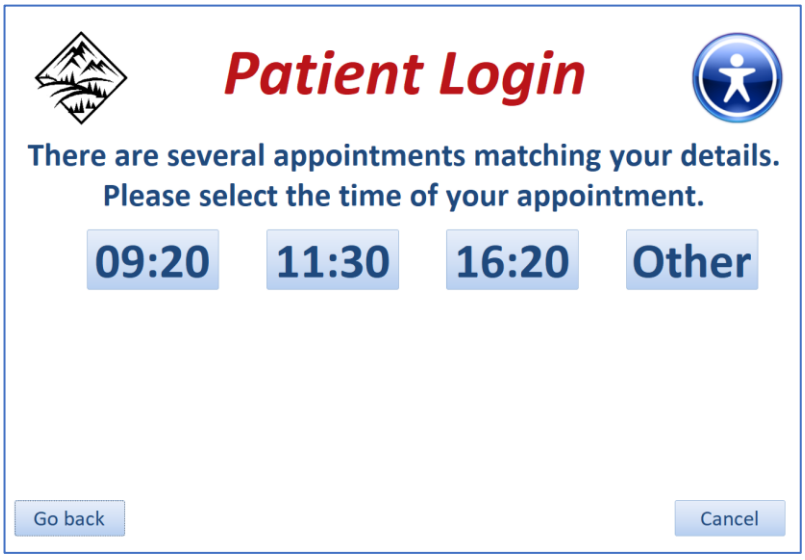


7. Appointment Times

On the rare occasions that two or more patients with the same gender and date of birth have an appointment that day, the application selects the appointment times for that day

This has been tested by creating appointments for 3 female patients with DOB = 10 May 1997. Appointment times are 09:20, 11:30 and 16:20

A final screen appears with the appointment times and an 'Other' button



If the time was earlier in the day, a missed appointment message appears.
If the Other button is clicked, the patient is asked to go to Reception to confirm their details

Otherwise, the **confirmation screen** is shown and the same process is followed as in step 4

8. Further notes on the DEMO application:

The **DEMO** application contains over 3300 patients and over 530 appointments for the same date.

To make this as realistic as possible for testing purposes, the following changes are made to the records in **tblAppointments** when the application is started:

a) All appointments are changed to the current date
b) All login times for dates other than today are cleared

9. Keyboard Shortcuts

a) Open the application with the **SHIFT key** held down to view the navigation pane, ribbon & code OR click **Ctrl+H** to view the navigation pane and ribbon at any time.
b) To hide the **navigation pane & ribbon** again, click **Ctrl+Shift+H**
c) To return to the **startup form**, click **Ctrl+S**
d) To **close the application**, click **Ctrl+Q**

10. Copyright Info

Application:	Kiosk Mode DEMO
Version:	3.0
Date:	28/10/2018
Author:	Colin Riddington (Mendip Data Systems)
Website:	http://www.mendipdatasystems.co.uk
Purpose:	Demonstrate how filtering and grouping can be done in kiosk mode (no keyboard)
Copyright:	The code in the utility MAY be altered and reused in your own applications provided the copyright notice is left unchanged (including Author, Website and Copyright) You are NOT allowed to sell, resell or repost this on other sites such as online forums without permission from the author. Links back to the above website ARE allowed.

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