

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

Patient Login (Kiosk Mode DEMO) Exit

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

Patients click buttons to select their gender then their birth month & birth date.
If more than one patient with an appointment matches those details, two more screens are shown for patients to select their birth year.
After confirming those details, the appointment screen is shown.

For more information, click this button: More Info

KEYBOARD SHORTCUTS:

1. Open the application with the SHIFT key held code to view the navigation pane & code
OR click Ctrl+H to view the navigation pane and ribbon at any time.
2. To hide them again, click Ctrl+Shift+H
3. To return to the startup form, click Ctrl+S
4. To close the application, click Ctrl+Q

OPTIONS:

Hide Navigation Pane & Ribbon

Open in Kiosk Mode? (No title bar or taskbar) **RESTART NEEDED**

Do NOT show this form in future

Start Login

Version 2.0 20/10/2018 Mendip Data Systems 2005-2018

In normal use, this start up form would NOT be shown

Instead the application opens at the login screen

Welcome to Mendip Heights Medical Practice

Please click the button to log in

Start

Patient Login DEMO v2.0 27/10/2018 Mendip Data Systems 2005-2018

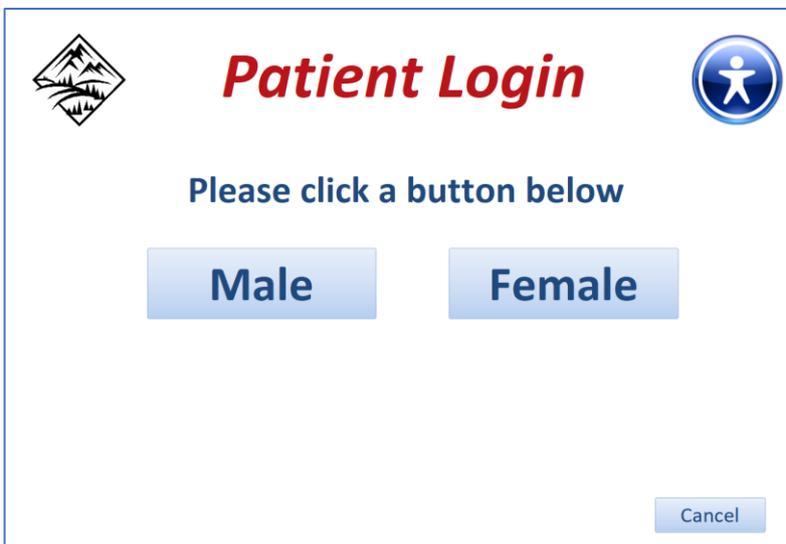
Clicking the **Kiosk mode** option on the **Start** form removes the **title bar** and **taskbar**.

This means the application completely fills the screen

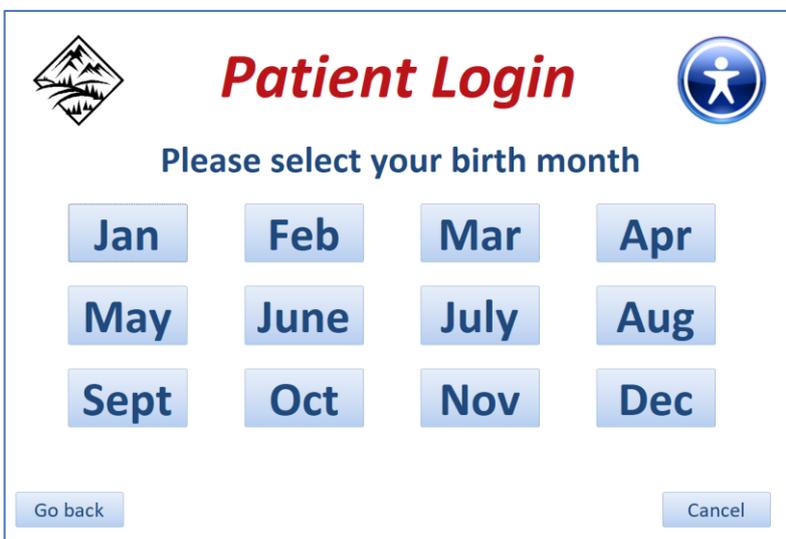


Users click the **Start** button to begin the login process. A series of screens appear in turn

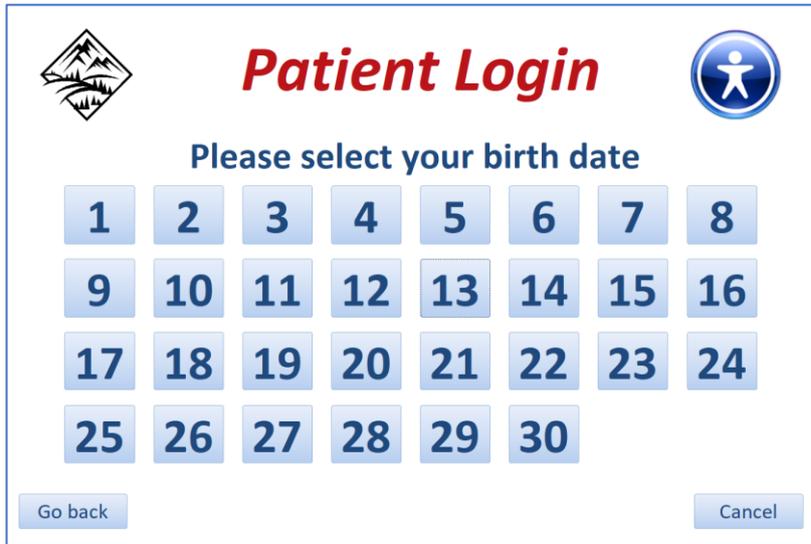
1. Gender



2. Birth month



3. Birth date



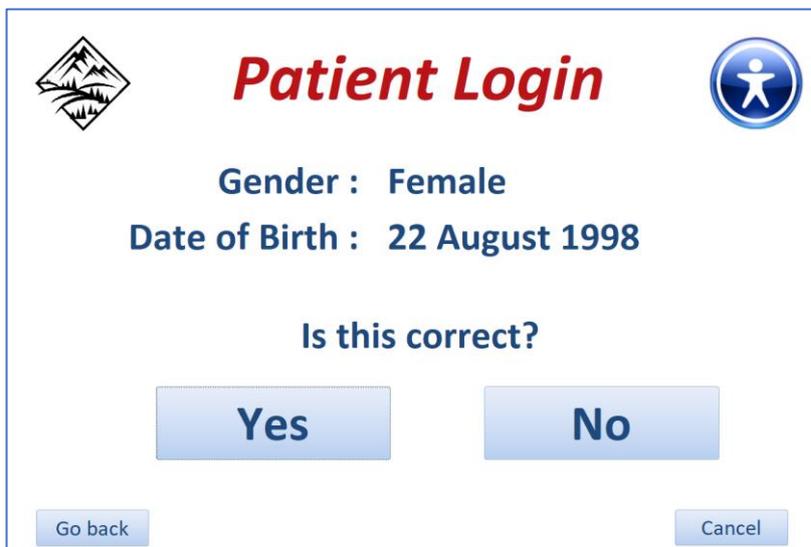
 **Patient Login** 

Please select your birth date

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30		

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



 **Patient Login** 

Gender : Female
Date of Birth : 22 August 1998

Is this correct?

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



 **Appointment Info** 

Name : Flo CHUAH
Date/Time : 29/10/2018 14:10
With : Maire MCNEAL (Nurse)

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



Patient Login



Gender : Male
Date of Birth : 9 May

No patient appointments with these details

Returning to the login screen . . .

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



Appointment Info



Name : Robbie BELL
Date/Time : 29/10/2018 14:20
With : Anne MORGAN (Nurse)

Your appointment is for later today
You may prefer to come back in a while

Done

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



Appointment Info



Name : Laura MEADER
Date/Time : 29/10/2018 12:00
With : Jody LANNING (Doctor)

Missed Appointment - Please go to Reception

Done

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.

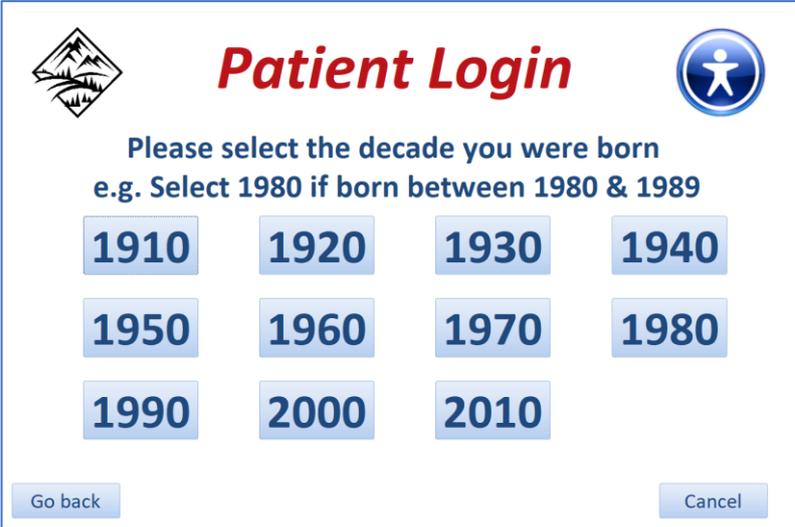
This provides an easy method of checking for **non-attenders** as these will have no login time

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:

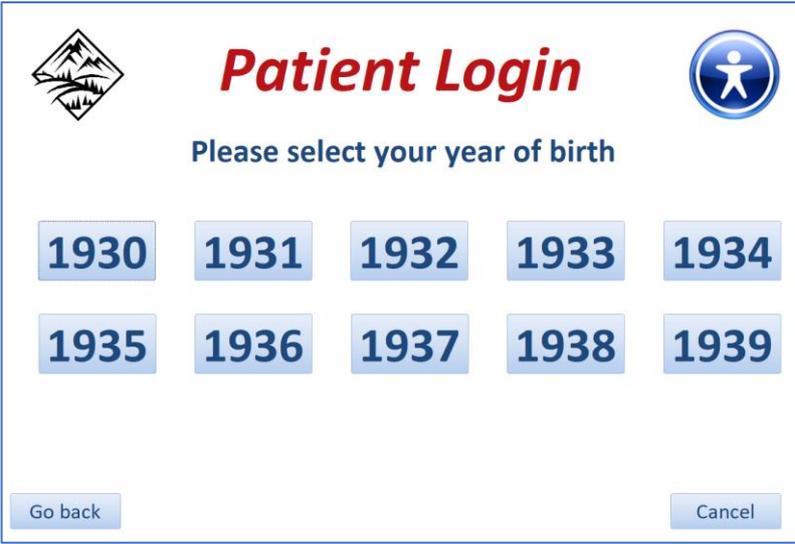
Birth Month	Birth Date	Female – Birth Year	Male – Birth Year
Feb	10	1932 & 1962	1928 & 1945
Mar	10	1958 & 1973	1966 & 2000
Dec	10	1938 & 1977	1945 & 1999

5. Decade of birth



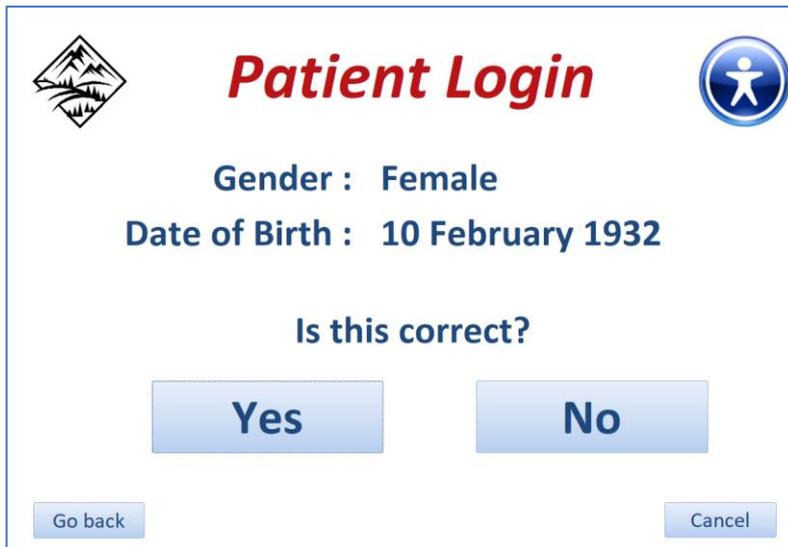
The screenshot shows a 'Patient Login' screen with a mountain logo on the left and a person icon on the right. The title 'Patient Login' is in red. Below the title, it says 'Please select the decade you were born e.g. Select 1980 if born between 1980 & 1989'. There are ten blue buttons with white text representing decades: 1910, 1920, 1930, 1940, 1950, 1960, 1970, 1980, 1990, and 2000. At the bottom, there are 'Go back' and 'Cancel' buttons.

6. Year of birth



The screenshot shows a 'Patient Login' screen with a mountain logo on the left and a person icon on the right. The title 'Patient Login' is in red. Below the title, it says 'Please select your year of birth'. There are ten blue buttons with white text representing years: 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, and 1939. At the bottom, there are 'Go back' and 'Cancel' buttons.

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



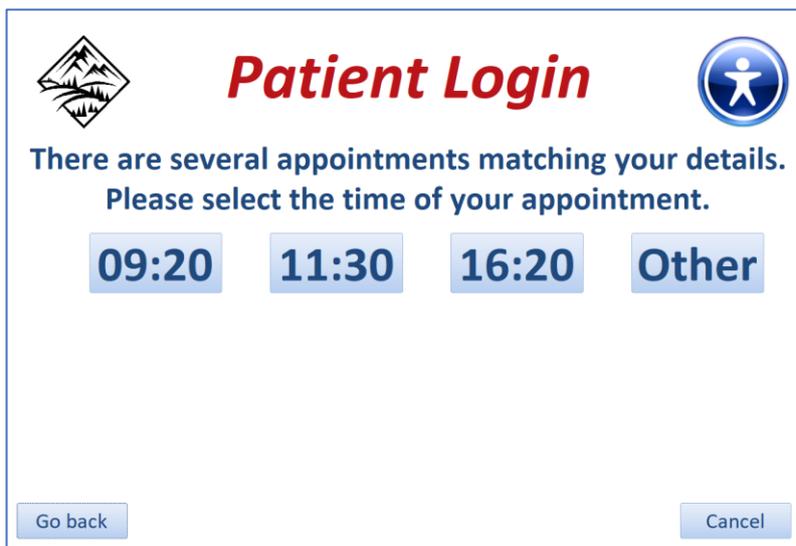
The screenshot shows a 'Patient Login' confirmation screen. At the top left is a logo of a mountain range. At the top right is a circular icon of a person. The title 'Patient Login' is in red. Below it, the patient's details are listed: 'Gender : Female' and 'Date of Birth : 10 February 1932'. The question 'Is this correct?' is centered. There are two large buttons: 'Yes' on the left and 'No' on the right. At the bottom left is a 'Go back' button, and at the bottom right is a 'Cancel' button.

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



The screenshot shows a 'Patient Login' appointment selection screen. It features the same logo and icon as the previous screen. The title 'Patient Login' is in red. The text reads: 'There are several appointments matching your details. Please select the time of your appointment.' Below this, there are four buttons: '09:20', '11:30', '16:20', and 'Other'. At the bottom left is a 'Go back' button, and at the bottom right is a 'Cancel' 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)
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