**Pseudocode**

New Scanner = D

PRINT “Welcome to the Dentists”

DO

PRINT Menu: “1 – Admin”

“2 – Dentist”

“3 – Patient”

“Q – Quit”

User input: “Pick : “);

Scanner D = input.next

SWITCH

Case 1 = PRINT Admin Menu

Case 2 = PRINT Dentist Menu

Case 3 = PRINT Patients Menu

WHILE

Q = Program Exit

Static void = loadData

WHILE

INFO.hasNext

String dentistFirstName

String dentistLastName

String dentistPasscode

Static void = Patients

Patients = new scanner

FOR i=0; i<3

PRINT = “Please input username”

String usernameP

Scanner Patients = input.next

PRINT “Please input password”

String passwordP

Scanner Patients = input.next

IF usernameP + passwordP EQUAL correct details

THEN display patientsMenu

ELSE println = “Your username or password is incorrect, please try again"

I>3 THEN println = “Tries exceeded, Returning to menu.”

Static void = Dentist

Dentist = new scanner

FOR i=0; i<3

PRINT = “Please input Name”

String usernameD

Scanner Dentist = input.next

PRINT “Please input password”

String passwordD

Scanner Dentist = input.next

IF usernameD + passwordD EQUAL correct details

THEN display dentistMenu

ELSE println = “Your username or password is incorrect, please try again"

I>3 THEN println = “Tries exceeded, Returning to menu.”

Static void = Admin

Admin = new scanner

FOR i=0; i<3

PRINT = “Please input username”

String usernameA

Scanner Admin = input.next

PRINT “Please input password”

String passwordA

Scanner Admin = input.next

IF usernameA + passwordA EQUAL correct details

THEN display adminMenu

ELSE println = “Your username or password is incorrect, please try again"

I>3 THEN println = “Tries exceeded, Returning to menu.”