Pseudocode

FR1: User Authentication

START

DISPLAY already "have account"

IF Yes THEN

    INPUT username and password

    WHILE input is not valid

        DISPLAY "Invalid username or password"

        INPUT username and password

    ENDWHILE

    DISPLAY "Login successful"

ELSE

    INPUT username, email and password

    WHILE input is not valid

        DISPLAY "Invalid input"

        INPUT username, email and password

    ENDWHILE

    SAVE user data into database

    DISPLAY "Registration successful"

ENDIF

END