**Project Setup**

SherDer is a Java-based desktop application designed to help users connect, inspired by popular dating apps like Tinder. The application includes various modules for user registration, login, profile editing, swiping for matches, and reviewing selected matches.

**Technologies Used:**

* **JDK Version:** 11
* **IDE:** NetBeans 14
* **Dependencies:** Standard Java libraries for GUI development (javax.swing), file handling, and event management

**Functionalities**

**1. Register:** Users can sign up by creating a unique username, setting a password, confirming they are over 18, and providing their location.

**2. Login:** Users can log in with their chosen username and password.

**3. Edit Profile:** Users can enhance their profiles by adding a bio, listing their interests, or changing their gender.

**4. Swipe (Choosing Matches):** Users can swipe through profiles using the mouse or keyboard:

* Press "z" for yes if interested
* Press "x" for no
* Press "s" to stop swiping

**5. Review Matches:** Users can review profiles they liked by selecting yes during the swipe phase.

**6. Exit:** Users can log out, with their information securely saved for future sessions.

**UI**

**1. LoginUI:** Handles the user login interface.

**2. MatchUI:** Manages the display and interaction with potential matches.

**3. ProfileUI:** Allows users to edit their profiles.

**Security**

**1. Authentication.java:** Ensures user login and profile information is securely saved for future use.

**2. SessionManager.java:** Manages user login status to ensure secure access.

**Contribution**

This project was independently developed by me, contributing 100% to all aspects, including design, coding, testing, and documentation. Explore the source code and documentation on GitHub [GitHub URL](https://github.com/shirleytran04/SherDer)