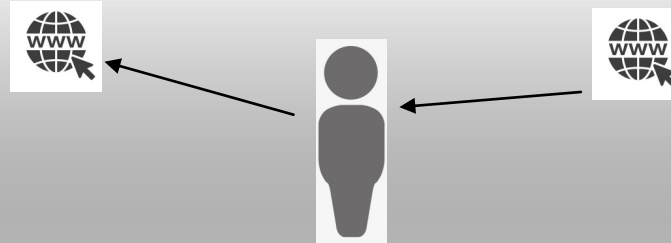


Mutual Authentication is a security process where the client and the server authenticate themselves by verifying each other's certificate before communication occurs.

The aims of this project is to minimise the risk of phishing from happening, as this is a very dangerous threat to people, another aim for this project is to create a tool that allows a connection between a user and a server only if the user and the server trust's each other's certificate, so that users doesn't hand over their details to the wrong people.

Gwion Jones
Supervisor: Dr Cameron Gray

Mutual Authentication



The user will set up an account, to do this the user will need to enter their username, password and some kind of form of ID so that when he signs up next time the ID will be shown before the user signs in to prove that the website is genuine as the ID that the user has entered when creating an account will appear, if the ID is the same then the user will continue signing in knowing that he's on the genuine site and not giving their details away to fraudsters.

The software platform that is being used are Java and MYSQL .

Java is an object oriented programming language that was first released in 1995, this software is free to use.

MYSQL is a Relational Database Management System that uses SQL language released in 1995.



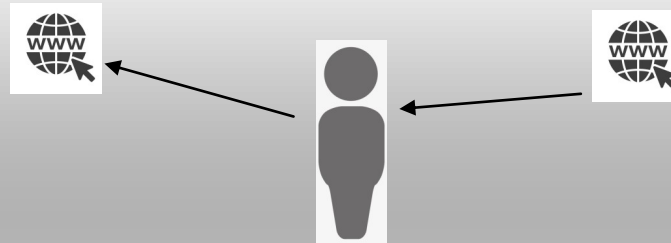
This project asks for user's postcode as an ID, If the postcode is the same as the one that they entered when creating their account it will allow them to continue signing in.

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