CS1IAD Portfolio 3 Report
Name: Duwa Khan. Student ID Number: 210044641

Basic information

Your Website URL: *https://210044641.cs2410-web01pvm.aston.ac.uk/Astoncv*

One registered user account:

Username	Password
SarahGreen@aston.ac.uk	password123

Brief Description of Technologies and Structure

Specify both the server-side and client-side technologies used in your development and the structure (e.g. MVC) of your system.

I have mainly used procedural PHP in developing this website, as well as some aspects of object-orientated PHP, and used both to implement the MVC design pattern in my code. I have queried the database and connected to it, handled data submitted by users, and shown DB data to the users. I have used HTML and CSS to handle the user interface and connect relevant web pages to each other.

Implementation of the required functions:

Functions	Main Source File(s)	Working	Notes
P1. View the basic information of all cvs	*Astoncv / CVdb.php*	*yes*	*Contains a search bar, to filter basic CV details and returns all details of filtered CVs. A table displaying 5 columns containing basic information and a column to view further cv details at the end of each row.*
P2. Click one CV in the list to view the CV details	*Astoncv / CVdb.php -> view.php*	*yes*	*Within CVdb.php, the last column of each row contains a 'View' hyperlink, which when clicked leads to view.php and this page displays the details of the CV selected where id equals the row where 'View' was pressed.*
P3. Search all CVs using first name, last name or key programming language	*Astoncv / CVdb.php -> searchdb.php*	*yes*	*Contains a search bar, to filter basic CV details and returns all details of filtered CVs. If search bar is empty, and the*

			search button has been pressed all details of every CV are displayed.
P4. Register to become a registered user	*Astoncv / register.php*	*yes*	*The user can enter their name and email and create a password.*
R1. Log in to the system	*Astoncv / index.php*	*yes*	*The Log-in system is situated in the header of the web page. And other pages have a log-in page linked in header.*
R2. Update your CV	*Astoncv / registered / UpdateCV.php*	*yes*	*Users must fill in all fields to update their cv.*
R3. Logout the system	*Astoncv / registered / logout.php*	*yes*	*User will automatically be logged out if they go to home page or view main database.*

Implemented security features

Features	Main Source File(s)	Notes
Authentication	*Astoncv / index.php* *Astoncv / registeredcvs.php*	*Authentication is done via HTML UI and through PHP by using if statements to verify user log-in details.* *And using PHP sessions aswell.*
Form Validation	*Astoncv / register.php* *Astoncv / index.php* *Astoncv / registered / UpdateCV.php*	*I have used the required HTML keyword in the form fields and used PHP to verify details through if statements.*
Authorization	*Astoncv / index.php* *Astoncv / registered / registeredcvs.php* *Astoncv / registered / UpdateCV.php*	*Used PHP sessions.*
Hash password	*Astoncv / register.php*	*Used PHP hash password function.*
Handle injections (SQL/HTML)	*Astoncv / index.php*	*Binding parameters and using prepared statements.*

Notes to examiners (if applicable)

- Database connection source files exist in Astoncv/includes/connectdb.php and in Astoncv/includes/dbh.php.
- Source files relating to registered user functions exist in Astoncv/registered.
- And whilst user is logged in if they visit ../index.php or ../CVdb.php through the navigation bar, they will be logged out and the session will be destroyed, and the user will have to log in again to update or view their personal cv details.