Individual Portfolio: Release 02

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Artefact 1: Manage Volunteers

Artefact 1 enables an administrator to view a list of requests for volunteer accounts and pre-existing volunteers. For requests administrators are then able to view the individual's details and either approve or deny their request. If they approve the user is assigned a volunteer account and if denied they are assigned a general user account. For pre-existing volunteers the administrator can view their details and delete their account. It required a combination of MySQL, Javascript and PHP. Table 1 details the purpose of each file.

Table 1 Manage volunteers

File	Description
listVolunteers.php	Creates a page that lists all volunteers, includes their details and links to view a volunteers details. Also lists requests for volunteer accounts. File also includes code for pop up messages that indicate success or failure when approving/denying/deleting volunteer accounts.
processViewVolunteer.php	Selects volunteer's details to display on viewVolunteer.php.
viewVolunteer.php	Creates a page that displays a volunteer's details and includes buttons for deleting volunteers and canceling. Cancelling redirects administrator back to listVolunteers.php. If it is a request for a volunteer account it will display approve, deny and cancel buttons instead.
processSelectVolunteers.php	Retrieves volunteers' details from the database.
processApproveVolunteer.php	Code to update database and set account to volunteer account.
processDeleteVolunteer.php	Code to delete volunteer's details from the database.
processDenyVolunteer.php	Code to update database and set account to general user (client) account.
Validation.js	Code to determine which pop up message to display.

Artefact 2: Database

Artefact 2 involved the creation of tables to store service provider, feedback and quotes in the database. It required MySQL. Table 2 details the purpose of each file.

Table 2 Database

File	Description
Database.pdf	Wrote code to create SERVICEPROVIDER, VOLUNTEERFEEDBACK, SERVICEFEEDBACK and QUOTE tables. Wrote code to insert VOLUNTEERFEEDBACK table.
ERD.pdf	Entity Relationship Diagram.

Artefact 3: Test Request Approval

Artefact 3 involved the creation of automated acceptance tests using Selenium IDE to test the request approval aspect of the website. The request for approval of a quote was sent to the users email inbox, hence manual tests were also performed to ensure the request was sent. Table 3 details the purpose of each file.

Table 3 Test Request approval

File	Description
testRequestApproval.html	Test Suite
testRequestApprovalPlan.txt	Test Plan

Artefact 4: Start Request

Artefact 4 enables a volunteer to view a list of new requests, view the requests details and assign the request to their account. The volunteer is then able to start working on the request. It involved PHP, JavaScript, MySQL and HTML. Table 4 details the purpose of each file.

Table 4 Volunteer assign request to their account

File	Description
startRequest.php	Creates a page that lists a requests details and has a start and cancel button.
processStartRequest.php	Code to update database and assign request to volunteer.
processRequestDetails.php	Code to retrieve request and client details from the database
Validation.js	Code to determine which pop up message to display.

Artefact 5: View Volunteer Feedback

Artefact 5 involved the creation of a database to store volunteers' feedback and modifying the admins view of volunteers to include the volunteers rating. Required a combination of MySQL and PHP. Table 5 details the purpose of each file.

Table 5 View Volunteer Feedback

File	Description
listVolunteers.php (lines: 100 and 115)	Modified list to display volunteer's average rating
processViewVolunteers.php (lines: 15 – 21)	Modified code to retrieve volunteer's ratings from database and calculate their average.
processSelectVolunteers.php (lines: 11-17)	Modified code to retrieve volunteers' ratings from database and calculate their average.
viewVolunteer.php (lines: 73-78)	Modified list to displays volunteer's average rating.