

# Individual Portfolio: Release 01

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## Artefact 1: Database – User Account

Artefact 1 involved the creation of a database to store users account details. It required a combination of MySQL and PHP. Table 1 details the purpose of each file.

*Table 1 Database - User Account Files*

File	Description
ERDUser.jpg	Entity Relationship Diagram for all entities required in sprint 1.
createDB.sql	Creates the helpdesk database
createUserTables.sql	Creates ADDRESS, USERTYPE and USER tables.
queryUserTables.txt	Includes snippets of code used in other files: <ul style="list-style-type: none"><li>• Inserts user details into database during Sign up (processSignup.php)</li><li>• Retrieves user details from database (processViewAccount.php)</li></ul>

## Artefact 2: Sign in

Artefact 2 allows a user to sign into the site. It involved PHP, MySQL and HTML. Table 2 details the purpose of each file.

*Table 2 Sign in Files*

File	Description
signin.php	Sign in page. Includes a form for users to enter sign in details, buttons to submit form, sign up for account and link to recover password. Includes pop up messages for successful password recovery and account creation.
processSignin.php	Verifies user is registered in database and that password is valid. Handles sign in success/fail.

Please note that these files were refactored by Leandro to ensure consistency.

## Artefact 3: Test Recover Password

Artefact 3 involved the creation of automated acceptance tests using Selenium IDE to test the recover password aspect of the website. The new password was sent to the users email inbox, hence manual tests were also performed to ensure the password was sent and the database was updated. Table 3 details the purpose of each file.

*Table 3 Test Recover Password Files*

File	Description
testRecoverPassword.html	Test Suite
testRecoverPasswordPlan.txt	Test Plan
testRecoverPasswordEmail.doc	Manual acceptance tests. Tests that password has been emailed and is active.

## Artefact 4: Create Request

Artefact 4 enables a user to create a new help request. It involved PHP, MySQL and HTML. Table 4 details the purpose of each file.

Table 4 Create Request Files

File	Description
createRequest.php	Create Request page. Form allows user enter request details. Includes time and date pickers implemented by Leandro. Includes create request and cancel buttons which direct user to My Request page.
processCreateRequest.php	Inserts Request details into DB. Checks if user using their address or new address and inserts relevant details.

## Artefact 5: Database – Help Request

Artefact 5 involved the creation of a database to store help request details. It involved a combination of MySQL and PHP. Table 2 details the purpose of each file. Table 5 details the purpose of each file.

Table 5 Database - Help Request Files

File	Description
ERDRequest.jpg	Entity Relationship Diagram for all entities required in sprint 1 and 2.
createRequestTables.sql	Creates service, priority, status and request tables. Inserts data into priority and status tables.
queryRequestTables.txt	Includes snippets of code used in other files: <ul style="list-style-type: none"><li>• Inserts help request details into database (processCreateRequest.php)</li><li>• Retrieves all of customer's help requests from database (processSelectRequets.php)</li><li>• Retrieves customer's help request details from database (processViewRequest.php)</li><li>• Updates customer's help request details in database (processEditRequest.php)</li></ul>