**Artefact 1:**

Updating search results page

**Filenames:**   
Home.php  
properties\_1.php

**About the pages**  
The user can select their search criteria based on a number of options on the home page. The page would connect to the database and dynamically display the properties found, along with an image of the property. The user could then select on the link corresponding to the property which would then display detailed information about the property.

**Work performed on this page**

Originally this page was designed by other team members where a user could only select one item from each category. Eg the user could only select only 2 bedrooms places but not both 1 and 2 bedroom places. As this limits the ability for the user to select option per criteria, this page needed to be resigned. This was at the client’s request.  
  
1. I resigned this page to with checkboxes (rather than radio buttons previously created)

2. Generated dynamic SQL code based that would cater for every combination the user could select. This dynamically created SQL string would then be used to query the database and collect the results found.

3. If no results were found, it would display a message on the page  
  
4. I also added in more features such as the ability to search via bathrooms.

**Artefact 2**

Favourite page feature

**Filenames:**  
properties\_page.php  
favourite\_page.php  
tenant\_profile.php

**About the pages**

This feature allowed the user to dynamically favourite a properties page that would get stored and retrieved onto the users account. When the user views the property they are interested they can click on the favourite button. The button would store that information into the database and the button label would display “unfavourite”. By clicking this button again it would then remove this from their favourites. Once the user has selected one or more favourites, they could navigate to their profile page and view all their chosen favourites via dynamically generated links. One this page they could also manage their favourite pages and remove 1 or more if they desired.  
  
  
**Work performed on this page**

1. Designed the location of the favourite button
2. Generated the code behind button to favourite/unfavourite to insert into or delete in the database.
3. Created the dynamically generated table of all the selected favourites for that user in the profile page linking to the properties pages
4. Generated the code to allow the user to bulk remove a number of properties they have chosen to favourite.
5. Suppressed the favourites button from displaying if the user has not logging in on the properties page
6. Suppressed the favourites table from displaying if they have not chosen any favourites on the profile page.

**Artefact 3**

Properties page

**Filename**  
Properties\_page.php

**About the page**

The properties page displays a dynamically generated page based on the selection from users search results. In this page the user can view all the property information, such as address, rent amount and inspection times. It would also display as images setup on the page.

**Work performed on this page**

1. Designed the format of how all the items would display on the page
2. Queried the database based on the id selected in the research results
3. Place all the items returned from the query onto the page using PHP and HTML
4. Displayed error message if the page could not be found, for any reason.
5. Queried the database for any images that are for the page.
6. Displayed the images across the top of the page in thumbnail form, linking them to a full sized image.

**Artefact 4**

Database setup and migration to webserver

**Filename**  
import.sql

**About the item**the SQL code used to create the database schema that would working with the all the developers location machines. This was also used when setting up the data on the webserver

**Work performed on this item**

1. Created the SQL based off another members database design.
2. Tested the script and made alternations to improve the overall design, such as adding more tables, foreign keys and changing primary keys.
3. Created records to test the design.
4. Created database on webserver and tested.

**Artefact 5**

Performed Automated Tests with Selenium on the search page

**Filenames**

1-SearchAll.html  
2-SearchHouse.html  
3-Search\_Bedrooms1\_2.html  
4-Search\_Bathrooms3\_4.html  
5-Search\_furnished.html  
Test cases.doc

**About the items**Used Selenium to create a number of automated searches for the search page based on the following:

* Searching with all criteria
* Searching with house properties only
* Searching with 1 or 2 Bedrooms
* Searching with 3 or more bathrooms.
* Searching on furnished Places only

**Work performed on this item**

1. Created all the automations for the test cases and expected results
2. Compared tests with acceptance criteria
3. Tested each test case and investigated any issues.
4. Recorded the tests in Test cases.doc

**Additional non tangible work**

1. Organised Team meetings
2. Assigned Workloads to other team members
3. Supported team members with coding and development issues