

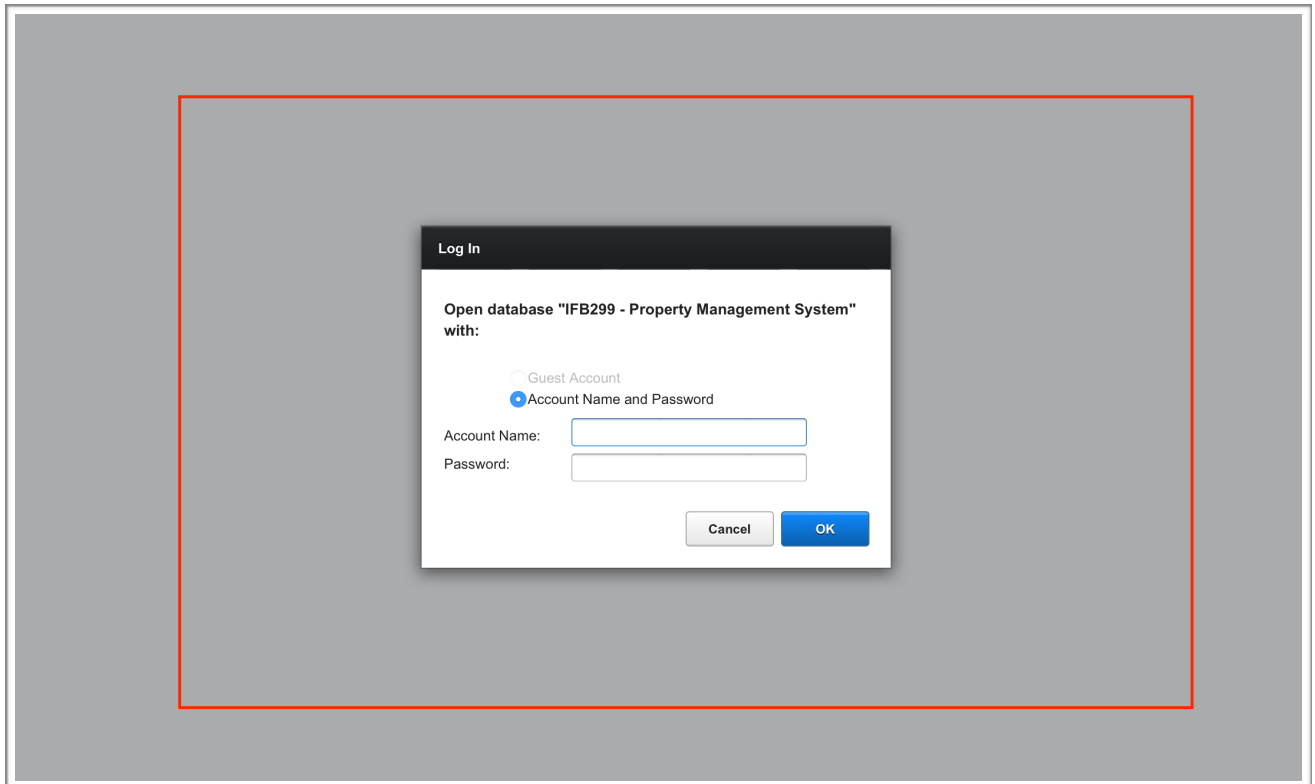
# **IFB299: Application Development and Design**

Personal Portfolio — Release Two

By  
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(Team 94)

Components of the release two are broken down into several artefacts. The contribution made on my behalf is clearly highlighted throughout each artefact via the red box.

## ARTEFACT 1.0 —LOGIN SCREEN



The construction of a login screen, prior to the tenant viewing the property information and other personal details has been constructed. Both the view of the login screen can be viewed either via the desktop application or the webpage which has been viewed above. Upon the creation of a initial profile by the real estate, the user can login into their webpage with the provided information from the agents. Examples of such logins details were created to preview real life scenario of the usage.

Each user login is uniquely different, which is subjected to their personal information only and limited to their viewing of other like screen (the owners) and other core editing functions. For remote access, the 'boss' of the agency is able to login into the database with full access privileges while on the go. For example, if the boss were to show potential tenants of properties available remotely. Offering a more competitive function for management to finalised and appeal future sales.

## ARTEFACT 2.0 — UNIQUE PERSONAL PAGE (TENANT)

The screenshot shows a web application interface for a Property Management System. At the top, there is a dark header with a house icon and the text "Property Management System". Below this is a navigation bar with three tabs: "Property List", "Property Details", and "Tenant Details". The "Tenant Details" tab is active. The main content area is titled "Cameron Henkes". Below the title, there are three sub-tabs: "Personal", "Lease", and "Billing". The "Personal" tab is selected. The form contains the following fields:

- Full Name: Two input fields, the first containing "Cameron" and the second containing "Henkes".
- Contact Number: An input field containing "0412345678".
- E-mail: An input field containing "abcd@abc.com".

A red rectangular box highlights the entire content area of the "Tenant Details" page, including the title, sub-tabs, and form fields.

The core function of this page is to show that uniqueness of the personal profile that each user has to. Upon the completion of the login information, the user can preview their own personal details to ensure the real estate agent's information is accurate. This preview is the construction of the tenant profile.

### ARTEFACT 3.0 —SCRIPTED BUTTON PERSONALISED EXPERIENCE

The screenshot displays a web application for a Property Management System. The header includes a logo, the system name, and a search bar. Below the header, there are three navigation tabs: 'Property List', 'Property Details', and 'Profile'. The 'Profile' tab is highlighted with a red rectangle. The main content area shows a table with five columns: Address, Suburb, Postcode, Rental Cost, and Status. The table contains five rows of property data. At the bottom, it indicates 'Showing 5 Results'.

Address	Suburb	Postcode	Rental Cost	Status
45 South Pine Road	Everton Park	4053	400	Available
27 Kent Street	Hamilton	4007	500	Approval Pending
29 Grace Street	Red Hill	4059	375	Available
50A Perkins Road	Sandgate	4017	250	Not For Sale
29 Rise Street	Mount Gravett	4122	310	Rented

Showing 5 Results

The access to the personal profile was the making of several scripting which sought out the user's privilege set and their associated User ID. Such scripting is the core foundation of the 'Profile' button and following the identification of such details, the button would complete the script and open up the users profile. If the user is a tenant, the tenant will see a tab; 'Tenant Details.' Where as, if the user was a owner, then the owner would see a tab 'Owner Details.'

The editing restrictions are constructed for the tenant within the 'Leasing' details and the same for the owner as it is bounded by the contract. Moreover, the real estate agent is only one where they can void the contract of the user.

## ARTEFACT 4.0 —PEER REVIEW TWO

Although this was of no direct relationship to project, it was however, the directly contributed to the success of others. The business letter was an essential part in identifying the key aspects of the correct direction of the project.

### Team 94

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Workshop 8,  
Level 6, Room S637,  
Queensland University of Technology

12 October 2015

Team 98 and Prakash Bhandari  
Workshop 8,  
Level 6, Room S637,  
Queensland University of Technology

Dear Developers and Prakash Bhandari,

Firstly, we would like to congratulate on your completion of the sprint plan three. The aspects of the presentation was disappointing in demonstrating the product, 'Media Vault', both from the view of the front-end and back-end.

The inability to demonstrate a live preview of the product due to technical error, shows that focus needs to be shifted from the graphical interface to the backend coding. While the technical errors were not the fault of the development team, but merely external parties—the search for other hosting options is strongly recommended in case such errors occur in the future.

The lack of organisation was clear during the demonstration as the technical glitch drew attention away from the sprint plan and the user stories.. The main focus of the presentation was fixing the glitch to the preview the product. In doing so, there was no sprint plan break down, or reasons as to why such users stories were selected—an equally crucial part of the presentation. While there were a selected few that engage in discussing what was completed in the sprint plan, there was only limiting information surrounding what would be completed in the next and final sprint. It is strongly encourage to work on errors and to be more directive with the approach of your presentation. Discussion of the sprint plan break down, the users stories and it respective acceptance criteria would give us clients—with little technical knowledge better insight into the development stages. Despite this, the verbal discussion of the current product clearly shows that the developer team has been driven in given the business the most business value possibility.

Furthermore, the conclusiveness of the presentation shows that the development team is not yet ready for a launch of their product. With the deadline nearing, focus on the back-end side of the product is crucial in ensuring that such errors wont occur when users begin using the product.

Sincerely yours,

Team 94

## ARTEFACT 5.0 — UNIQUE PERSONAL PAGE (OWNER)

Property Management System

Property List Property Details Owner Details

Personal Lease Billing

Full Name John Black

Contact Number 412345678

E-mail: Test8@Test.com

The core function of this page is to show that uniqueness of the personal profile that each user has to. Upon the completion of the login information, the user can preview their own personal details to ensure the real estate agent's information is accurate. This preview is the construction of the owner profile.

## OTHER CORE ARTEFACTS

The construction of several minor scripting functions is the creation of the link to an Amazon SQL server. Through an ODBC connection, it was viable in importing new records each time the window is open (property listing) to ensure all information is correct. An extension of this, is the creation of other scripting functions who's sole purpose is to import the records open the open of the window and the deletion of all information when the window is closed. The reasoning behind this is to ensure that there is no duplication of information and all information is up-to-date and accurate to minimise business and human errors in day-to-day business.