ST0291

ENTERPRISE APPLICATION DEVELOPMENT

Submission to Mr Vernon Tan

This assignment was done by:

Ng Wei En, Amos

Admission No. 1804263

Class. DISM/2B/22

amosng.18@ichat.sp.edu.sg

Tan Cheng Kit

Admission No. 1804193

Class. DISM/2B/22

chengkit.18@ichat.sp.edu.sg

Advanced Features

1. **Session Management**

Allows us to save the user session if user is already authenticated. If the user browses to other pages and decides to come back, the session will detect that user is already authenticated and allow direct access to admin dashboard.

1. **Recover Deleted Games/Genres**

If the admin accidentally deleted a game or genre, the admin is still able to recover it after deletion.

1. **Use of Strong Password Hashing**

The hashing method we used is called “Implements PBKDF2HmacWithSHA256”. This allows for us to store the password in an encrypted manner to prevent identity theft.

1. **Intuitive Web Design**

The web design has been designed with bootstrap, along with other jQuery plug-ins. This has made the interface very easy to use, even if the user is computer illiterate, they will find it very easy to use.

1. **Page protection for Sensitive pages**

For pages that are admin-access only, the user must have been authenticated in order to access those pages. Else, the user is redirected to the login page.

1. **A configuration page**

Should the server needs to be shifted to a different database or web server, the configuration can be changed easily through a .java file (Dbinfo.java)

Task List

Tan Cheng Kit

1. Create the Database
2. Implement the OOP method for use with JSP pages
3. Assisted with some parts of the JSP programming pages.

Ng Wei En , Amos

1. Create a Website Design for both main website and admin dashboard, and ensure ease of use.
2. Integrated the website together with JSP methods designed by Cheng Kit