Web Design Final Report

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Cloud Link(unregistered): https://cs5774pro6.herokuapp.com/news/

(logged in): https://cs5774pro6.herokuapp.com/news/home

1. Context

Purpose

This design is created for advertising and selling a video game online. The example in this case is called "Mount and Blade III: Destiny". Visitors are welcomed to view and purchase the game's original edition and further DLCs. Each visitor can create an account at the official website of M&B3 to try complete functions, but visitors are also free to view some pages without an account.

Intended Audience

People who feel interested in video game are all intended customers for this. According to game types and related elements, tags may be appended for specific groups of users.

An **Unregistered Visitor** can (1)View Homepage(incomplete),and the item list(Scenario) page. All the pages have a Navigation Menu(incomplete); (2)Resort item list(Scenario) page by refreshing. (3)Register an account in the Homepage(incomplete).

A **Regular User** can enjoy all the functions available to an unregistered visitor and also: (1)View the completed Homepage and Navigation Menu. (2)See the username and Logout button on each page. (3)Use the upvote buttons in item list(Scenario) page. (5)Use the add item function in add item page. (6)View, post, edit or delete one's own comments on an item in unit item page. (7)View and edit one's own profile EXCEPT role. (8)View Activity Feeds. (9)Search for items by using the search box. (10) View the Detecting Language function

An **Administrator** can enjoy all the functions available to a regular user and also: (1)Use the delete button in item list(Scenario) page. (2)Use the edit button in item list(Scenario) page(there is a link leading to the unit item page and you can edit there). (3)Edit other regular users' Profiles including role(4)Edit or Delete other user's Comments.

Key Features

Users can find the general information of the game, add or delete comments to the comment list, enjoy functions of add, edit and delete scenarios(items) in the item list page. The comment function is available on the unit item page. Users can also search for specific scenario they want through the searcher in the Item List page.

Go Through

At the home page, the user can see the posters of the game with logo and game screens. If the user feel interested, further clicking will lead to scenario list and detail introduction for every scenario in connecting pages. After login, the user can enjoy much more interesting functions.

2. Major Requirements

User Accounts

- Unregistered User(Default)

- Regular User Account(Username: test2, Password: test2)

- Administrator Accounts(Username: wentao1, Password: wentao1)(Username: 321, Password: 321)(Username: test, Password: test).

   There is a registration page with proper form validation. Link to registration by click register at the bottom of the home page List5-HomeNotLogin.html(for unregistered user). 3 distinct user roles are ready. Only the Admin can change other users' roles in corresponding profile pages.

Crowdsourcing and human-AI interaction(item list & unit item pages)

   An human-AI interaction of Detecting Language is activated in this project. When adding a new item into the item list page. This AI will automatically check the language used for adding and post the result with the item together in the item list page. When going to the unit item page, you can also see the confidence score(0~1) given by the AI which tells how much you can trust this result of detecting. The score is higher when the result is more accurate. Generally any language in reality can be detected.

Profile Pages

   Homepage: (Default)

   Item list: Click "Scenario" on the orange navigation bar.

   Unit item: Click any title in the item list page.

   Add item: Navigation bar.

   User list: Navigation bar.

   User's profile: Click the username on top right of any page.

   Logout: Top right.

   Register: Click "register" at the bottom of homepage(must log out).

Fully functional

   Requirements from previous projects are generally fulfilled. Html, css, js and django are used. Database is as usual. Ajax function is kept from previous times. Cloud hosting link is at the top of this report.

   Completeness and coherence are improved a lot from previous times. There are no useless stuff, destroyed functions or broken links anymore.

Reference

1. **Mount and BladeII: Bannerlord**, *TaleWorlds*, 2019,
https://www.taleworlds.com/en/Games/Bannerlord

2. **Dynasty Warriors 9**, *TecmoKoei*, 2018, https://www.koeitecmoamerica.com/dw9/?lang=us

3. **Text Analytics API**, Microsoft, https://azure.microsoft.com/en-us/services/cognitive-services/text-analytics/