Lesson 04B

Overview

In week 5, you will each be demonstrating the progress of your work for the assigned task for the problem statement solution to your team.

This week, you should take the opportunity to clean up your code and prepare to demonstrate your work to your team the following week.

You will also apply what you have learnt in lesson 4A to your GA proposal presentation(Milestone 1 which was previously submitted in week 3/4. Next submission point is in week 7).

|  |  |
| --- | --- |
| **Worksheet** | **Notes** |
| Section A | Working on the Problem Statement |
| Section B | Working on the Graded Assignment |
| Section C | Submissions |

A checklist for your PS tasks as well as GA is provided in the worksheet. After this session, you should have a good oversight of your current progress for the respective tasks.

Section A – Working on the Problem Statement

A group of cartoon children

Description automatically generated **Exercise 1**

Next week(Week 5), there will be an internal team demonstration. You will need to present to your team mates and lecturer what you have completed for the problem statement solution code so far.

Fill in the checklist below to help you track your progress.

|  |  |  |  |
| --- | --- | --- | --- |
| **Assigned Function** | **Task** | **Completed/In Progress/Not Started** | **Remarks** |
|  | Create | Not needed | Users do not need to create anything |
| Read | In progress | Users will be able to view more about the books |
| Update | Not needed | Users cannot update anything |
| Delete | Not needed | Users cannot delete anything |
| Validation | Not needed | As after login you arrive at categories so validation is already used infront |
| Invalid input is not accepted | Not needed | As all the commands there are for viewing the books |
| Users are authenticated and authorised for relevant features | Not needed | As categories is viewed after login |
| The website is easy to navigate and view on different devices | Completed | Bootstrap |
| The user interface design is suitable and attractive | In progress | Will make it look neater and nicer with more colours |

**Here’s an example on how to use the checklist:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Assigned Function** | **Task** | **Completed/In Progress/Not Started** | **Remarks** |
| Products | Create | Completed |  |
| Read | Completed |  |
| Update | In progress | Fixing some bugs |
| Delete | Not started |  |
| Validation - Invalid input is not accepted | In progress | Completed for C and R, not yet for U and D |
| Roles - Users are authenticated and authorised for relevant features | Not started | Pending completing CRUD and integration with team |
| Mobile friendly - The website is easy to navigate and view on different devices | In progress | Unsure how to use bootstrap, need to research more |
| The user interface design is suitable and attractive | In Progress | Pending input from team |

Section B – Working on the Graded Assignment

Refer to **C372 Graded Assignment Part 1.pdf**. This document is part 1 of the assignment which will span **weeks 1 to 7**.

1. In the GA part 1 document, you were asked to consider the regulatory issues for your idea. After going through the scorm package in the morning, you can now add on to your proposal presentation slides for the graded assignment. (You should have already submitted a draft in week 3/4. The next submission point will be in week 7.)
2. You should have started on the code for your graded assignment.

Fill in the checklist\* below to track your progress.

\*Extracted from **C372 Graded Assignment Part 1.pdf**

|  |  |  |
| --- | --- | --- |
| **Requirements** | **Completed/In Progress/Not Started** | **Remarks** |
| **Functional Requirements** | | |
| Visitors should be able to browse products/services available. | Completed |  |
| Visitors should be able to sign up as a customer or log in if they already have an account. | Completed | Hard coded no database |
| Customers should be able to browse products/services in the system and add/remove products/services they are interested in, into a cart. | In progress |  |
| Customers should be able to update the quantity of products/services in a cart. | In progress |  |
| Customers should be able to come back to the website later (or if they have logged out) and still be able to view the products/services selected earlier. | Not Started |  |
| Administrators should be able to log into the system to browse, add, edit and delete products/services details. | Not Started |  |
| Front-end and back-end validations should be implemented where necessary. | Not Started |  |
| **Non-Functional Requirements** | | |
| Unauthorised access to the Customer or Administrator functions should not be allowed. | Not Started |  |
| Invalid input should not be accepted by the web application. | Completed |  |
| User interface should facilitate ease of navigation | Completed |  |
| Website layout should be consistent and responsive to different screen sizes | Completed |  |
| User interface should be pleasant and coherent | Completed |  |

Section C – Submissions

**Deliverables for today**

* Worksheet (Individual)
* PS Code (Individual)
* PS Presentation slides and prototype (Team)
* Upload your deliverables to LEO even if it is incomplete by 2359.