Tosan Ogedengbe  
Enterprise Java Spring 2021: Individual Project Plan

PROJECT NAME: Concept Compendium

Week 1: CREATE AND DOCUMENT THE PROBLEM STATEMENTS & USER STORIES:

[x] Create Problem Statement

[x] List User Stories and what functions the application will contain

[x] Create Project Plan

Week 2: ENGINEER THE BASIC MATERIALS NEEDED FOR THE PROJECT:

[x] Create project repository on GitHub

[x] Create project structure in IntelliJ

Week 3: DIAGRAM THE WORKFLOW FOR THE PROJECT:

[x] Begin to Refactor the HTML Pages for application

[x] Begin Document Design Flow for the application using text and pictures

[x] Prepare for Checkpoint 1

Week 4: BUILD FOR BASIC MATERIALS FOR THE PROJECT:

[x] Complete Refactor of HTML Pages for application

[x] Complete Refactor of CSS Pages for application

[x] Complete Document Design Flow for the application using text and pictures

[x] Complete Checkpoint 1

Week 5: CREATE THE DATABASE RESOURCES NEEDED FOR THE APPLICATION:

[x] Determine the data needed and what column names will be needed

[x] Create the project database

[x] Weekly Journal Entries

Week 6: CREATE THE CORE JAVA COMPONENTS OF THE APPLICATION 1:

[x] Design the project to follow the MVC design pattern

[x] Determine the necessary Java classes for the project

[x] Create these Java classes and DAO

[x] Create all necessary unit tests for each Java class

[x] Weekly Journal Entries

Week 7: CREATE THE CORE JAVA COMPONENTS OF THE APPLICATION 2:

[x] Complete creating the Java classes for the project ***(Moved to Week 8)***

[x] Complete creating the Java classes and DAO ***(Moved to Week 8)***

[x] Complete creating all necessary unit tests for each Java class ***(Moved to Week 10)***

[x] Weekly Journal Entries

Week 8: CREATE THE ONLINE JAVA COMPONENTS OF THE APPLICATION 1:

* Complete creating the Java classes for the project
* Complete creating the Java classes and DAO
* Complete creating all necessary unit tests for each Java class
* Design the project to follow the MVC design pattern
* Weekly Journal Entries

Week 9: CREATE THE ONLINE JAVA COMPONENTS OF THE APPLICATION 2:

* Design the project to follow the MVC design pattern
* Complete work on all HTML page conversion to JSPs
* Complete adding and verify button functionality for these JSPs
* Weekly Journal Entries

Week 10: REFINE JAVA COMPONENT FUNCTIONALITY:

* Review and refine code contained in all JSPs
* Review and refine code contained in all Java classes
* Verify code functionality
* Complete creating all necessary unit tests for each Java class
* Weekly Journal Entries

Week 11: REVIEW & REFINE APPLICATION 1:

* Test Project Code/Review and Fix issues
* Weekly Journal Entries

Week 12: REVIEW & REFINE APPLICATION 2:

* Test Project Code/Review and Fix issues
* Weekly Journal Entries

Week 13: REVIEW & REFINE APPLICATION 3:

* Test Project Code/Review and Fix issues
* Weekly Journal Entries

Week 14: REVIEW & REFINE APPLICATION 4:

* Test Project Code/Review and Fix issues
* Weekly Journal Entries

Week 15: REVIEW & REFINE APPLICATION 5:

* Test Project Code/Review and Fix issues
* Weekly Journal Entries

Week 16: CLOSE PROJECT:

* Final Presentation
* Create video, add video link to readme.md
* Finalize all documentation
* Code Check
* Javadoc Check
* Unit Test Check
* Final Touches
* Weekly Journal Entries