**CS6314 Project Part1**

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| Member of Team | NetID | First Name | Last Name |
| 1. | VXD240002 | Venkata Abhiram | Dacharla |
| 2. |  |  |  |

Submission requirements.

Submit (1) a word document (this file with your answers and listing of any program & its run [log or screenshots]) and (2) a zip file of a folder which will contain all the codes (all the source codes, data and any other items related to this assignment and your work done).

This word document (this file) is your documentation (as a basis to add your answers) to be included here - all your answers, all your program-listings, instructions to compile and run [screen-shots, terminal text, or session log] to show your work done, including how to compile and run for each cases.

The word file should also have (1) in header with the course & section number, your name (Name: last name, first name), your netID (email), and Assignment #, (2) in footer with page number, (3) line number (restart from each page in left margin. Page Layout => Line Numbers). (4) Your program should have some comments (minimal or reasonable), to tell the code-reader what a segment of code is doing, and with the comment in the front/head of the program about you, this course and assignment, etc. (you may copy and paste some out of this document for your comment).

\*\* Your executable codes (that you submit) should run in cs1 without any change or recompilation.

\*\* Bring this cover sheet (this page) to TA for your demo.

Upload (attach) this document (with your answers) and a zip file (containing all the codes [source and data, etc.]).

Score-sheet (please specify what you have done by each team member has done below).

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| --- | --- | --- | --- | --- |
| Member Name | 1. | 2. | Demo | Documentation |
| For example | HTML and Javascript codes to extract the course info, …  Done 50% of Task1 | Documentation, MySQL tables & SQL coding, …  Done 60% of Task2 |  |  |
| Task1  course DB  40% |  |  |  |  |
| Task2  course Web  40% |  |  |  |  |
| Task3  course style  20% |  |  |  |  |
| Task4  Documentation & Demo  (Deduction if not done) |  |  |  |  |

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| --- |
| Deduction - Documentation (this .doc file) and upload  Max -70% if not done or poorly prepared |
| Deduction for Demo (Demo schedule or arrangement will be scheduled by TA, for your demo).  Note. You do the demo only for the part(s) that you have done and submitted.  Max -50% if not done or poorly prepared. |
| Deduction (To use of xampp - all work/project to be done using xampp frame)  Do all your work/project done using/via xampp frame. If not, there will be severe penalty (-70%). |

CLO - After successful completion of this course, the student should be able to:

1. Ability to understand web architecture, standards, protocols, tools, and technologies

2. Ability to understand HTML, HTML5 and CSS.

3. Ability to understand JavaScript, JQuery, AJAX, XML, JSON

4. Ability to understand Database Technologies and SQL

5. Ability to understand Server-side programming with PHP

6. Ability to understand Web Services SOAP and RESTful Web Services

7. Ability to understand Web Security Protocols & Standards Semantic Web

[Place Table of Contents (of this document) here]

[Note. For how to insert TOC in a word document. Check

<https://support.microsoft.com/en-us/help/285059/how-to-create-a-table-of-contents-by-marking-text-in-word> ]

# Task1 Solution

**File Organization**

The project files are organized as follows:

* **task1.html:** The main HTML file containing the course content.
* **js folder:** Contains task1.js, the JavaScript file for data extraction
* **exports folder:** Stores all the exported data files in various format.
* **task1.sql:** Output of task1.html file that is uploaded in phpmyadmin for creating table.
* **coursebook2025.html:** Source file from which data is extracted.
* **task1.docs:** Steps followed to do this task is docummented also with screenshots of testcases.

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# Task2 Solution

**File Organization**

The project files are organized as follows:

* **task2.php:** The main PHP file that displays the table and provides CRUD functionality.
* **js folder:** Contains testcases.js, the JavaScript file for test cases.
* **task1.sql:** Output that we got by running task1.html.
* **results folder:** All the results obtained after clicking each of the buttons in html format.
* **task2.docs:** Steps followed to do this task is docummented also with screenshots of testcases.

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# Task3 Solution

**File Organization**

The project files are organized as follows:

* **task3.php**: The main PHP file from task2 (task2.php) with Bootstrap integration.
* **task3.js**: JavaScript file containing test cases from task2 and additional functions.
* **task3.css**: Custom CSS file for styling the web page.
* **task3.doc:** Steps followed to do this task is docummented also with screenshots of testcases.

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# Task4 Solution

**File Organization**

This Task files are organized as follows:

* **task1.docs:** Document for Task 1.
* **task2.docs:** Document for Task 2.
* **task3.docs:** Document for Task 3.
* **task4.docs:** Document for Task 4 – describing overall Project part 1.

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