

AWP MID EXAM Fall 2017

Instructions

- Read the question/s properly before developing the web applications.
- All the files should be in a zip/rar file otherwise they won't be marked.
- Try to attempt parts in their respective order.
- You have to follow the mentioned methods for developing the application.
- There should not be any unused code in your files.
- Plagiarism offense in midterm will result in (F) grade.
- All **UI files and sql** file is provided on LMS. Place all the files in **xampp/htdocs** in order to avoid inconvenience.
- Only write javascript/jquery code in created "*assets/js/question1Script.js*" and "*assets/js/question2Script.js*". Some of the code is already provided for your help.
- Implement **API** using PHP programming language only.
- Proper event handlers should be written if needed.

Note: Cheat sheet, Notes & Internet is allowed for this exam.

We are developing a content management system(cms) based web application. Currently, our focus here is to develop a restaurant web application. The website consists of the following sections:

- Frontend (for users viewing the website)
- Backend (for admin/restaurant owner to manage the frontend website)

Question-1: Frontend Section

(20)

Frontend website isn't complete yet, for now just add the following features to make it more presentable. You need to update "*Question1.html*" and "*assets/js/question1Script*".

- a) Add introductory Youtube video in the designated section. Use the following video **(4)**
<https://www.youtube.com/watch?v=C0DPdy98e4c>
- b) Hide the company's image when user screen size is less than or equal to 480px. And show the image when screen size is greater than 480px. Use bootstrap classes to implement this functionality. **(4)**
- c) Add google Map in the designated section **(4)**
- d) Add image carousal/slider) in "our specialty" section. Use the images present in "*assets/img/gallery*" folder. To implement this functionality, use classical JavaScript. **(8)**

NOTE: In this question you don't need any database connectivity or any PHP code. Use

Question-2: Backend Section

(20)

In backend section **admin/owner** should be able to create a food item. The backend section code is present in "*Question2.html*" file. The page contains the following components:

- 1) **Input field** to for the name of food item
- 2) **Text box** to add the description of food item.
- 3) **Drop down/Combo box** to choose the category of food item. For now, categories are all, breakfast, lunch, dinner and snacks
- 4) **File input field** to hold the image of the food item.
- 5) **Data table** containing all the food items

Add the following features to this webpage:

- 1) When user click on the **reset** button. All the fields should be empty or set to default values. **(2)**
- 2) When user click the **submit** button each field should be validated using jquery. Consider that all fields should be filled in order to save a food item. The name of the field should not contain any special character or number. **(4)**
- 3) The **Data table** should display all food items present in the database (order by created date with most recent at the top). This data should be fetched by using an ajax call. **(14)**

Functionality	Marks	Functionality	Marks	Functionality	Marks
PDO + DB-CONNECTIVITY CODE	6	API CODE	4	Data Table Proper Integration	4

NOTE: In this question you need to create an API which will provide response to the ajax requests.

Bonus Question: When you complete the basic requirement of the paper you can add these functionalities to your program to gain bonus marks.

- 1) Frontend website contains “Our Menu” section which should display the food items from the database. An ajax call should be initiated on “page load” and that fetch all the required data. Keep in mind that new data should be displayed in proper format and filtration should also work.

NOTE: You should create an additional copy of “Question1.html and question1Script.js” files and then rename it too “bonus.html and bonus.js” in order to avoid overwriting.

Good Luck!
