

WebD

Problem Statement:

The construction of Tata Research Canteen has recently been completed at IEST. The canteen has decided to experiment on providing an electronic reception system where one can submit their order and collect it after some time from the counter. For this experiment, few students have been chosen by the institute.

The Compulsary Requirements-

1. Create a login page. You will be provided with **users.json** containing the userid, username and **md5 hashed passwords** of the students selected for the experiment. Registration page is **not** required as no new students will be allowed to register.
2. Create an index page which will display the menu items available in the canteen. For this you will be provided with the **menu.json** file containing the itemId, item, category, pricePerItem of the menu items.
3. The user should also be able to search items according to category (provided in **menu.json**).
4. The page should also display the price of the items and allow the user to order maximum quantity of 10 for any item.
5. Use HTML Local Storage or HTML Session Storage to store the item and quantity of each item ordered.
6. Have a user section or **"Your Order"** section where the user can view, decrease the quantity or cancel the items that he/she has ordered till then.
7. Once a user has finished ordering, he would click the **"Order Now"** button and would be redirected to the confirmation page where a summary of the user's order would be shown and the user will click **"Confirm"**.
8. The page should also contain a **"Go Back"** button to allow user to change his order, if required.
9. The user will then be redirected to the home page or a separate page where the message **"Collect your order from the counter after some time"** and will be provided the order number.
10. Once a user logs out, this information should be automatically deleted from local storage.

Bonus points will be given to-

1. Better security for login and json fetching.
2. Better presentation of the website.
3. Responsive Website.

Rules

1. This is a **team event**, maximum of 2 members.
2. Team members can be of different institutions.
3. The website should be responsive otherwise the entry will be highly penalised. Mobile compatibility will also be tested and you will be marked upon it.
4. Use of **CSS tools and JavaScript tools are allowed**. But the website should be light.

5. **Use of any template will lead to disqualification.**
6. You can use any kind of font tools to make your site more attractive.
7. You can use any kind of open source framework to make your site responsive.
8. Entries should be zipped and sent to webd@instruo.in
9. The Entries should be of the format **TeamName_Member1FullName_Member2FullName.**
10. The decision of the WebD committee will be final and binding.
11. Last day of sending the entry is 19th March, 2016 by 11:59:59 pm.

Prize Money

Prizes worth ₹ 15,000 will be given.

Contact

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