

CS 5336/7336 - Web Application Development

Fall 2025

Instructions for the final product demonstration

About test data

1. There are two separate test data files - one for regular sections (CS 5336-Sec 001 and CS 7336-Sec 001), and another for online section (CS 7336-Sec401). Make sure to download and use the correct test data file.
2. Each file has several tabs, corresponding to several parts of the test data. There are two places which require email addresses - one for restaurants (only for regular sections), and one for customers (only if you use bonus part of the project). In both places, I did not include any email address and I leave it for you to fill in.
3. I did not include menu item pictures and I leave it for you to choose.
4. Customers data has been included in both test data files. Use it only if you implement the bonus part. Otherwise, you can ignore it.
5. Each file has two tabs corresponding to orders “Orders completed” and “Orders pending”. Both tabs include credit card information. Though you will not be saving the credits cards (as per the project description, credit card information for an order should not be saved, unless you implement the bonus part - in this case, it is saved as part of the customer profile), you can use this information to create the order while testing your product. Your final demo question paper will include credit card information for orders exactly in the same format as shown in the test data.
6. Test data has been created based on the project description posted - make sure to read both the original project description posted at the beginning of the semester and the changes reported in “Project Navigation” and “Project clarification” documents.
7. If you have included any additional information during your implementation (example: restaurants receiving orders back from `FrontDash` or adding a menu category), you should create your own test data for those parts.

Demo instructions

Before the demo

1. You must have selected one of the time slots posted in the final demo schedule. No other options will be given.

2. For group projects, all members must be present during the final demo. Absence for the final demo will significantly reduce your mark even if your group members agree to demonstrate the product on your behalf.
3. You must load the test data given by the instructor before coming to the final demo. All other data should be purged. This is because the final demo questions will be based on the test data only. Any additional data, if present, may create problems during the final demo.

During the demo

1. Each student/group will be given a separate question paper which will include some (not all) functionalities described in the project description. You should demonstrate each functionality through inputs and outputs observed from the front-end only. Do not use/open the database to show what is happening in the back end. Assume that you are showing this to a potential customer who does not know (may not like to know) anything about your implementation.
2. You can use your own algorithm for estimated delivery time for an order. Make sure that it is realistic, and not just any value.
3. The demonstration may require several additional operations which were not explicitly listed in the project description. Some of them (not exhaustive) are given below:
 - Confirmation of success/failure of a functionality should be visible on the front-end. For example, adding a new staff member should have a message something like “The new staff member has been successfully added”, displayed on the front-end.
 - All error messages should be clearly visible on the front-end.
 - View operations - include functionalities to view menu items, to view orders, to view requests from restaurants, to view requests from customers etc.
4. If a task requires administrator approval (e.g., restaurant registration, customer registration), make sure to provide complete details for administrator to approve. For example, restaurant registration requires every single detail of the restaurant filled up. This way, you will make your product more realistic. Similarly, for customer registration (only for bonus part), delivery address and credit card information must be provided.
5. For credit card approval, use your own algorithm/mechanism. Just filling up the credit card information does not guarantee that the card is valid. Format validation such as 16-digit card number, three digit CVV code are already performed by the front-end, but the actual validity of the amount and cardholder information should be verified by another algorithm/mechanism. You can write a very simple algorithm to randomly approve or disapprove a credit card request.

After the demo

1. Send the link (not the files) for your source code to the instructor. You should not modify anything after the demo. The instructor will review the source code mainly to check whether you followed the design, and to check individual contributions for group projects.