



Team Feff -7

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Web Technology

Group Project Assignment

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SPRINT 1: DERIVARIABLES

1. The description of the functionality completed in total by the team as of the end of the sprint

As the user opens this website, they will land on a homepage that provides a brief overview of the website's purpose. From the home page, a user can navigate to the registration page if it's their first time on the website, or to the login page if they have already registered. Depending on the role a user has chosen, they will be able to view only the dashboard corresponding to that role. On the dashboard, a user can view the three cafeterias and select any of them. Upon selecting the Cafeteria, a user can preview the menu and its prices. This way, a user follows the instructions to see the queue in a cafeteria before ordering food, and as they order their food with a particular method of payment, they are alerted when their food will be ready for pickup or dining.

a) A user guide of how to use the currently implemented functionality:

We tried as much as we could to make the website accessible and friendly to the Ashesi's community. First, you have to register to get an account using the Ashesi email, and create a strong password, and then, it will redirect you directly to the login page, where you have to reenter the email used to register and the password. Secondly, after completing the login, the website will direct you to the dashboard, where there are the cafeteria's names, the menus after choosing the cafeteria, the preorder dashboard to avoid the long wait.

Additionally, when you finish preordering, you can see the order ID, the estimated time your order can be ready, and the website will let you know when your food is ready. Ad when i say it is a friendly user, to login or register is at the top of the homepage, where you can also read the overview of our website's goals.

b) A short summary page by team member of what each team member's contribution was to the sprint (specific functions or activities each contributed)

Ester Mkuya

I contributed to the building .php and .css files of the home page, login page, register page, userDashboard, menu and cafeteria selection files. Also debugging all the errors in

the existing files, including connecting one file to another related file and creating the Database for the users.

Mariem Ciré Sall

I contributed to the creation of the website by doing the homepage, login & register forms, the dashboards (User as a student or faculty intern, cafeteria's staff, Pre-order dashboard and Queue monitoring tab), and some of the tables. I also contributed for the description of User guide of how to use the currently implemented functionality.

Debora Suday

I contributed towards the implementation of the frontend which is the homepage, login and register page, user and staff dashboard as well as the back end that involves the queue, menu, feedback and notification through the use of html, css, javaScript and Json files. I also supported in documenting the group work documentation

Naïma Tahirou Maïyaki

I contributed to the implementation of the Home page, Login, Register, UserDashboard, Menu, Creating the tables, Worked on the notification, feedback form and also the order history from the user side. I also worked on the sprint 1 deliverables(Identified the major pages that should be implemented and planning to be implemented, Description of the frontend libraries, worked on the architecture detailing, went over the work to make sure we meet the requirements of the Sprint1.

c) The link to our [github](#).

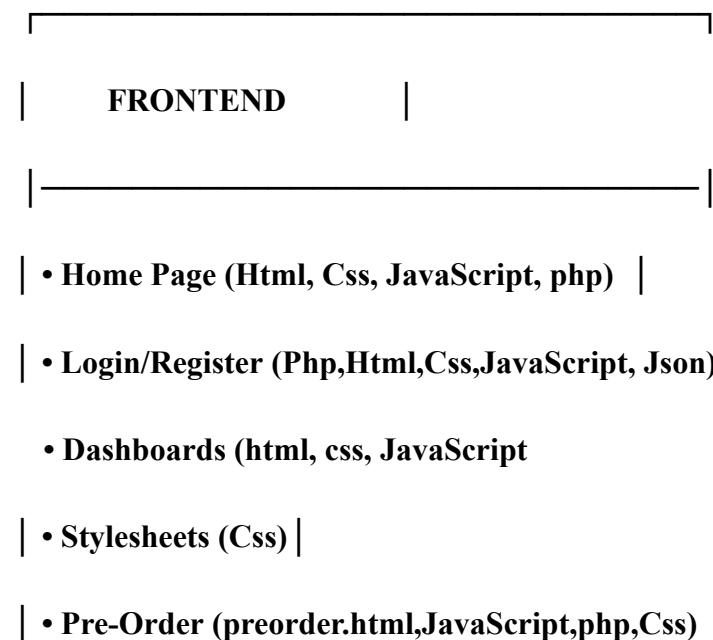
d) A retrospective Page:

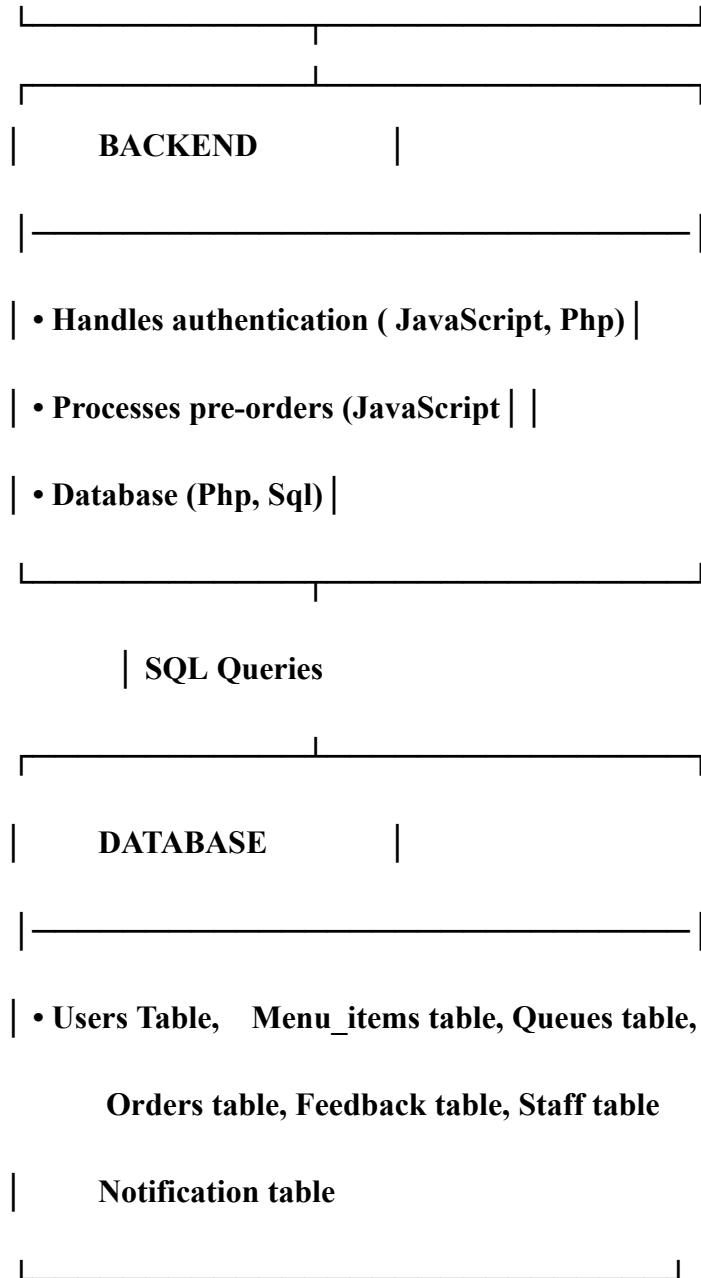
What went well: We were able to come up with a feasible functionality of our website which was what we initially agreed to implement as part of the project requirements. We were able to incorporate our user interface with the backend interactivity to ensure proper navigation of the web pages.

What did not go well: A misunderstanding of concepts among group members, which resulted in different outputs of the work. Our group utilized the Agile methodology, which can be time-consuming, as we often need to revisit and refine existing work whenever we discover something new.

What the team is changing about how they work in the next sprint: We plan to adjust the working mechanism of the queue time displayed to users upon ordering food, which will be feasible. We would reverse the flow of our pages which will be homepage, 3 Cafeteria view, Menu of a specific Cafeteria, Login or register page, page displaying the order receipt of the user and a notification on the time their food will be ready.

2. The Architecture Detailing Diagram:





Key Technologies

- Frontend: HTML, CSS, JavaScript
- Database: MySQL and php

a) The major tables, or PHP functions implemented or envisioned to support the pages:

- Sql tables:

- User table
- Menu_items table
- Cafetaria table
- Notification table
- Feedback table
- Order table

3. The page implemented

Which of those pages are implemented; and which are planned

- Homepage
- Login
- Register
- Menu
- User Dashboard
- Staff Dashboard

Since we are using agile approach, we are planning to modify the existing pages into a more functional way friendly.

4. A description of any frontend libraries / frontend choices. For example, is a CSS layout library being chosen? Will the team use jQuery or another major front-end framework?

So far we are not using any frontend libraries but we are planning to do so going forward.

We are still deciding on using jQuery and also for what purposes it will be used.