UNIVERSITY OF CALOOCAN CITY
COLLEGE OF ENGINEERING
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Data Structure and Algorithm

Progress Report No. 1

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# FOOD ORDERING SYSTEM

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# I. Introduction

In this program, we will use the linear data structure which is the “Queue”. The stack follows the FIFO method (First in, first out), meaning the last item added (enqueued) to the stack is the first one to be removed (dequeued). We choose this data structure since the program we will create is the food ordering system including search history and transaction.

# II. Work in Progress

Development of both the front-end and back-end component of the program is currently in progress. On the front-end the user interface has a search bar, food icon / home icon, and user profile. Back-end on the other hand, has its user input. This coordinated approach facilitates seamless integration between the two components and supports the overall efficiency of the development process.

# IV. Conclusion

In conclusion, we are still developing the program. Both front-end and back-end development reflects a well-structured approach in the project. These components ensure that the application is being built with both functionality in user and the admin.

# References

[1] Co Arthur O.. “University of Caloocan City Computer Engineering Department Honor Code,” UCC-CpE Departmental Policies, 2020.