**SCO400: Project**

Concept Paper

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| Proposed Project Title: |
| Online Customizable Food Ordering System. |
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| Problem Description and Justification: |
| The problem that the website seeks to address is giving customers the option to tailor their food and drink orders to suit their unique dietary requirements. Many people have unique nutritional or calorie needs, such as those who are on a weight reduction or muscle-building plan or who have medical issues that call for them to limit a particular nutrient. Customers would find it simpler to adhere to their health goals if they could quickly choose and modify menu items to suit their unique nutritional requirements. The website might also draw a larger spectrum of visitors by offering this customization option, including those who have dietary constraints. |
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| Proposed Solution: |
| Customers would be able to customize their food and drink according to their specific dietary needs. The website would have a built-in calorie and nutrition calculator that would automatically update as customers make changes to their orders, for example, by adjusting portion sizes, removing certain ingredients, or adding substitutions., allowing them to see the effect of their choices on their overall calorie and nutrient intake. To ensure the safety of the customers with allergies, there would be a feature for customers to indicate their food allergies. Customers would be able to save their customized orders as "favorites" for easy reordering in the future. |
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| Proposed Tools for Solution: |

HTML, CSS, JavaScript, Django framework and Python will be used in the frontend of the website. MySQL will be used as the database management system. Visual Studio code will be used as the IDE.