**SCO400: Project**

Concept Paper

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| Name: |  | Reg No: |  |
| Email Address: |  | **Telephone:** |  |

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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: |
| The proposed solution for this website is to develop an Online Customizable Food Ordering System that seamlessly connects users with a wide selection of restaurants. The system will feature an intuitive user interface, allowing customers to easily browse through restaurant options, explore diverse menus, and customize their orders based on preferences and dietary requirements. To ensure user satisfaction, a review system will be incorporated, enabling customers to provide feedback on their dining experiences. The platform will prioritize data security, implementing robust measures to protect user information and order details. Moreover, the website will provide accurate and easily accessible calorie information, promoting healthier food choices. With a user-centric design and comprehensive features, the proposed solution aims to create a convenient and delightful food ordering experience for all users. |
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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.