**SIES 630-01 Database Management Systems & Design**

**Final Project Proposal**

**Project Topic: Recipe Junction - Cooking Recipe Portal**

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* **What is the project about:**

‘Recipe Junction’ is an online Cooking Recipe Portal designed to inspire and guide cooking enthusiasts through the world of flavors. This project is an approach to create database schema that will contain a vast collection of recipes, user profiles, ratings, and other essential information.

Using a well-designed database schema, ‘Recipe Junction’ organizes recipe data into entities such as Admin, User, Recipe, Category, Favorites, Rating, and Image. These entities will be interconnected through appropriate relationships, ensuring data integrity.

* **Why this topic:**

I chose the idea of cooking recipe portal as it appeals to a wide range of audience and has a practical and enjoyable aspect of cooking. Food is a topic of interest for everyone which will help in creating a community of the same interests.

Also, when I searched for the database, there was no database available related to food or recipes. This project will give me an opportunity to create a new database from scratch and understand the project closely.

* **Plan for the project:**

Make a useful database.

Create logical models using Oracle Data Modeler.

Create relational model and an ER diagram.

Perform Normalization on database.