DabbeWale - Project Synopsis

1. Title

DabbeWale: A Digital Platform for Home-Cooked Meal Delivery Services

2. Introduction

DabbeWale is a web-based platform designed to bridge the gap between local home-cooked meal providers and consumers seeking authentic, nutritious, and affordable food options. The platform provides a convenient access to homemade meals while supporting local communities and traditional cooking practices.

3. Objectives

- Allow users to sign up and browse available tiffin services
- Enable tiffin service providers to register and list their meal plans
- Provide location-based search to find nearby food providers
- Let users contact or book tiffin services directly

4. Scope

- User Management: Registration, authentication, and profile management for both consumers and providers
- Provider Discovery: Location-based search and filtering of tiffin service providers
- Order Management: Complete order lifecycle from placement to delivery tracking
- Menu Management: Dynamic menu creation and management for providers
- Payment Integration: Secure payment processing for orders
- Responsive Web Interface: Mobile-friendly design for accessibility across devices

5. Methodology

- Requirement gathering and planning
- Database design for users and tiffin providers
- Backend development with Flask
- Frontend design with responsive layout
- Integration and testing

6. Tools and Technologies

- Frontend: HTML, CSS, JavaScript
- Backend: Node.JS, Express.JS
- Database: MongoDB
- Version Control: Git and GitHub
- Deployment: Netlify, MongoDB Atlas, Render

7. Timeline

- Week 1: Requirement analysis and planning
- Week 2-3: Database schema design Backend setup using Flask
- Week 4: Implementing user and provider registration
- Week 5: Frontend development for listing and browsing tiffin services
- Week 6-7: Adding location-based search functionality
- Week 7-8: Testing and bug fixing
- Week 9: Deployment and documentation finalization

8. Resources

- Internet for documentation and hosting
- GitHub for storing source code
- Device with the required languages

9. Expected Outcome

A working website where users can find and contact nearby tiffin providers and book home-cooked meals based on their preferences and location.

10. References

- Swiggy
- Zomato
- Zepto Cafe