



SILVER OAK  
UNIVERSITY  
EDUCATION TO INNOVATION

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INTRODUCTION

Introducing Silver Oak Food Court, the all-new in-campus food delivery website designed to bring your favorite meals straight to your study spot. Silver Oak Food Court streamlines the way you experience food on campus. With just a few clicks, you can browse menus from all your favorite on-campus canteens, place your order, and have it delivered directly to you. No more waiting in lines or rushing back from breaks – Silver Oak Food Court puts the convenience back into campus dining.

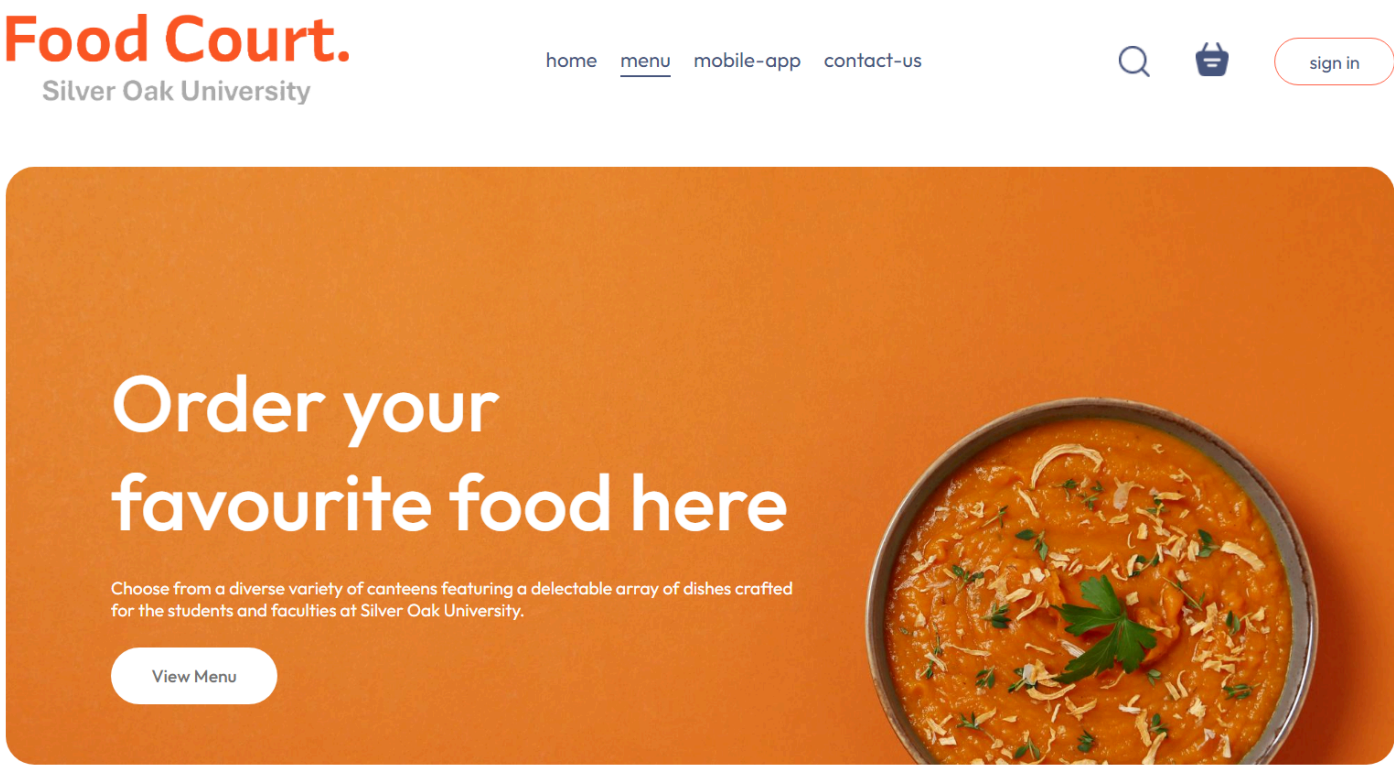
GOALS & OBJECTIVES

To become the in-campus food delivery platform at Silver Oak University, providing a seamless and convenient way for students to enjoy on-campus dining, Enhance User Experience and increase user adoption.

TECHNOLOGIES USED

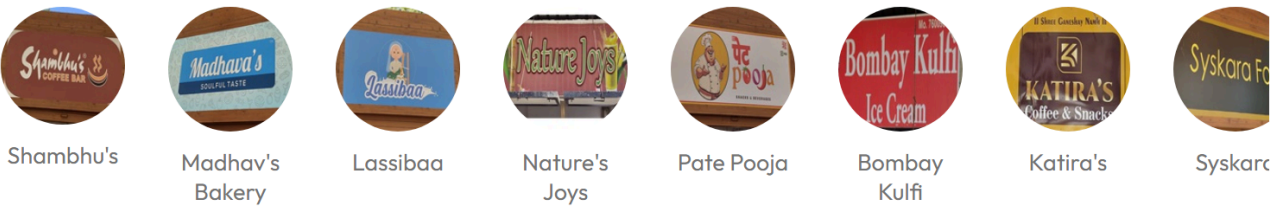
- 1. **Flask (Python):** We utilize Flask, a lightweight Python web framework, for building the backend API (Application Programming Interface). Flask allows for rapid development and flexibility, perfectly suited for our dynamic food delivery platform.
- 2. **MongoDB:** MongoDB, a NoSQL document database, serves as our data storage solution. MongoDB's flexible schema and fast performance are ideal for handling diverse data like menus, orders, and user information.
- 3. **React:** React, a popular JavaScript library, takes center stage for building the interactive user interface of Silver Oak Food Court. React's component-based architecture enables us to create reusable UI elements and deliver a smooth, responsive user experience.

SCREENSHOT

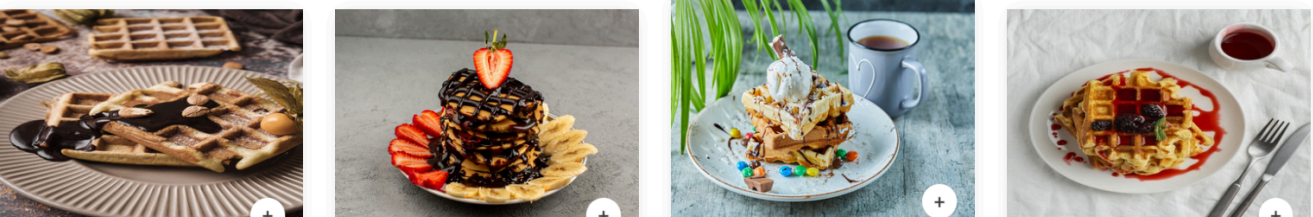


Explore our canteens

Choose from a diverse course of canteens which offers wide range of cuisines from desi to videsi delicacies

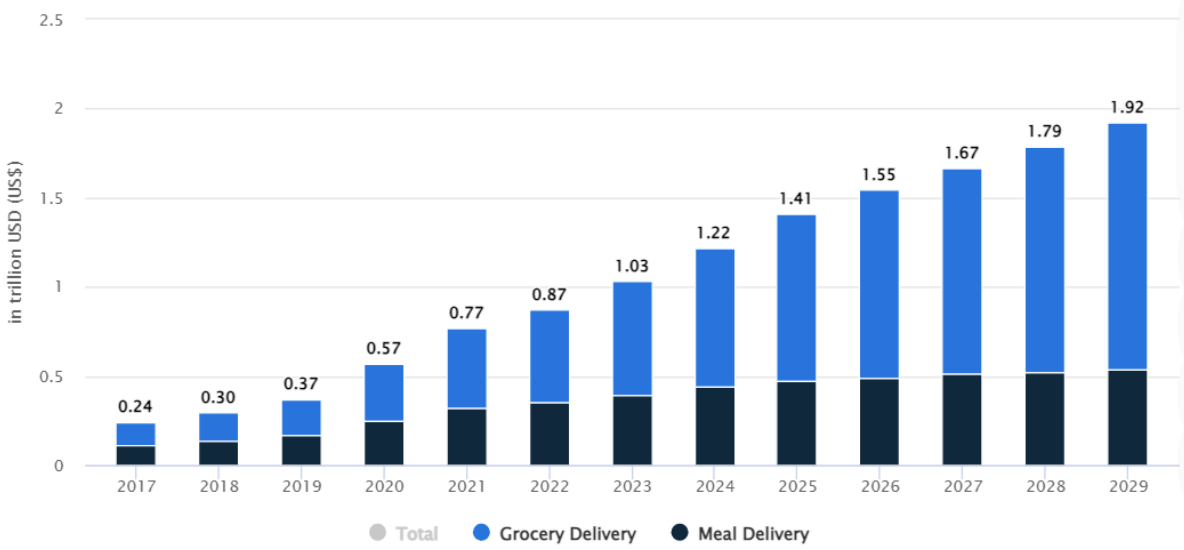
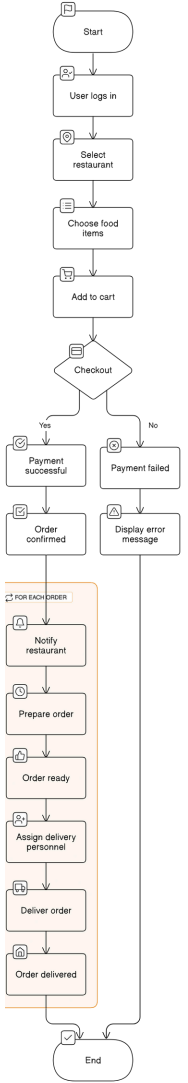


Dishes you can order



SYSTEM FLOW , STATISTICS

Jampus Food Delivery Website Flow



IMPLEMENTATION

- 1. **Hosting:**
  - The project is relatively light weight so it can be hosted on free tier of AWS
- 2. **Design :**
  - Utilized design principles to ensure a user-friendly and visually appealing design.
- 3. **Frontend Development:**
  - Implemented the frontend using REACT and VITE to create the structure, style, and interactivity of the website.
- 4. **Backend Development:**
  - Developed the backend functionality using Python and flask to implement a REST API.

FUTURE SCOPE

- 1. **Expansion of Product Categories:** Expand beyond fresh produce to include other agricultural products such as dairy, meat, grains, and value-added products like jams, sauces, and baked goods.
- 2. **Geographical Expansion:** Extend the platform's reach to serve farmers and consumers in different geographical regions or even internationally, enabling cross-border trade and fostering global connections.

CONCLUSION

Silver Oak Food Court is poised to revolutionize the way you experience food on campus. With its user-friendly interface, diverse restaurant selection, and real-time tracking, Silver Oak Food Court brings convenience and efficiency to on-campus dining backed by a robust tech stack of Flask, Python, MongoDB, and React, the platform is built for scalability and a delightful user experience.

REFERENCES

- zomato.com
- swiggy.com
- blinkit.com