



SILVER OAK UNIVERSITY
EDUCATION TO INNOVATION

1. Manan Dhinora(2101030400064)
2. Dubey Avinash (2101030400069)
3. Doriya Shivam (2101030400068)
4. Gajjar Yash (2101030400075)
5. Dhaval Patel (2101030400063)
6. Dhanavade Harshal (2101030400062)

Guided By :
Ami Charadava
Silver Oak College Of Engineering and Technology,
College of Technology, SOU

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.

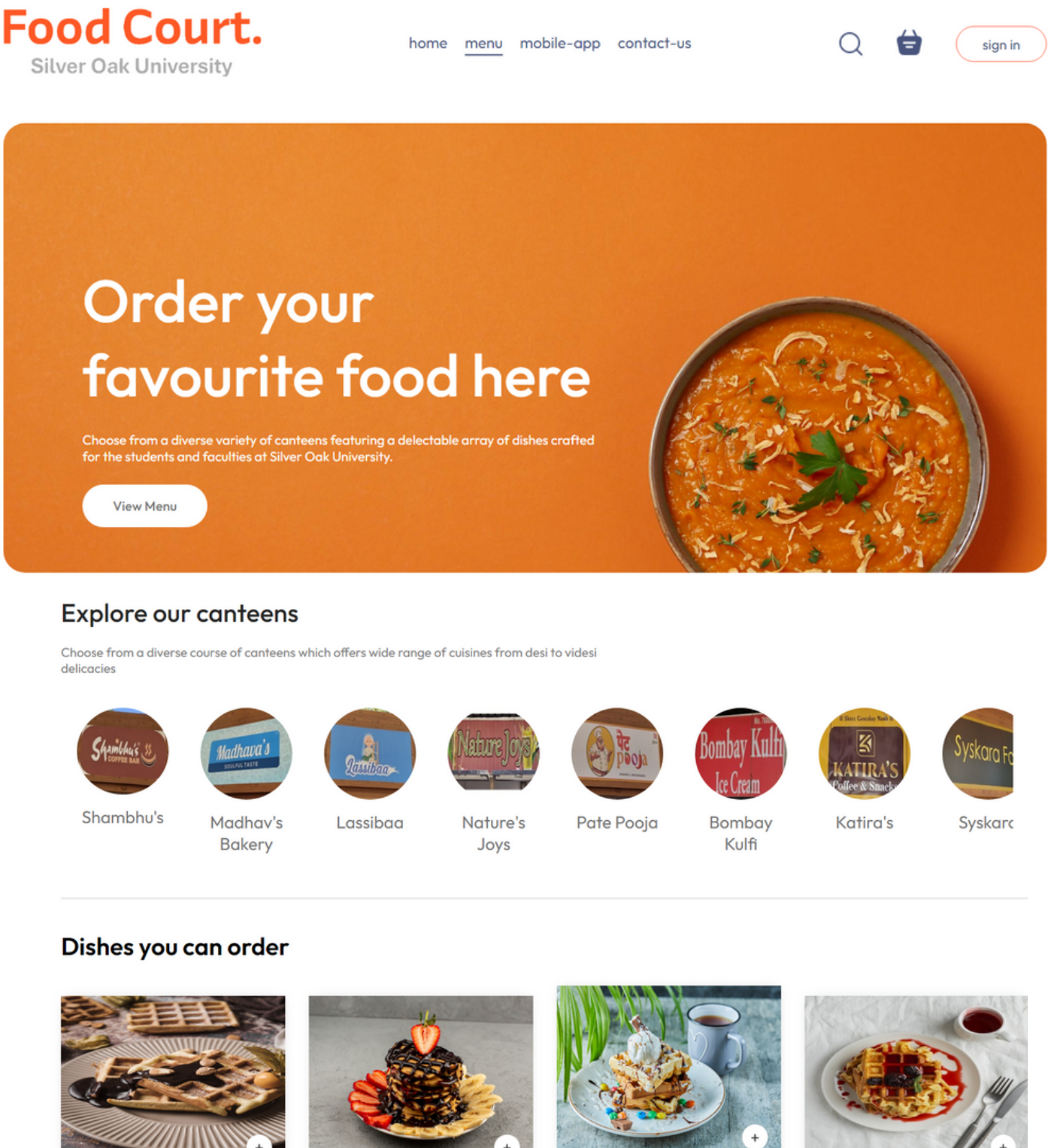
GOALS & OBJECTIVES

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.

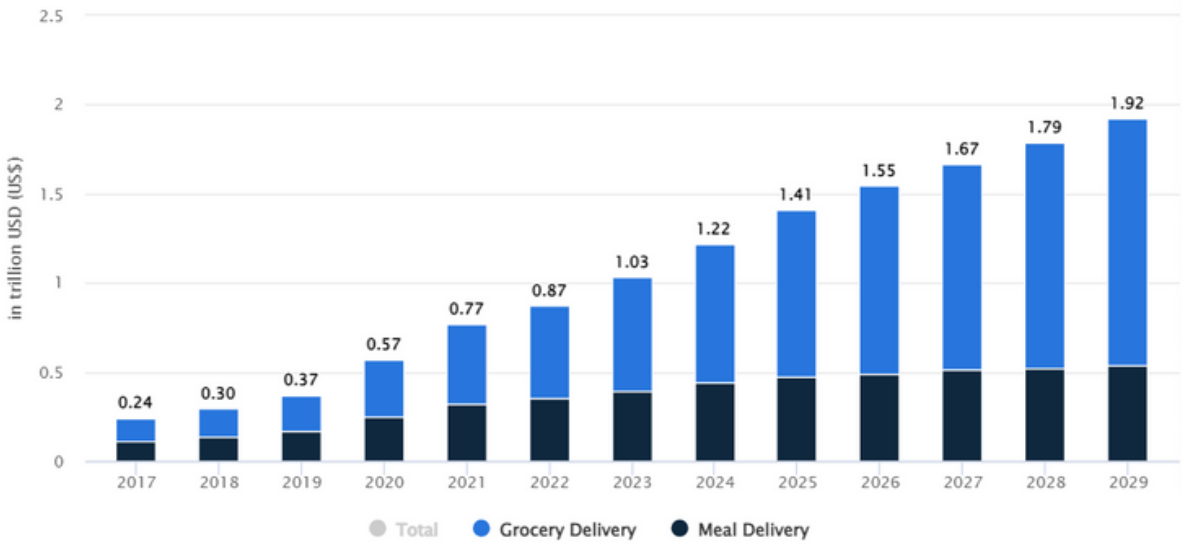
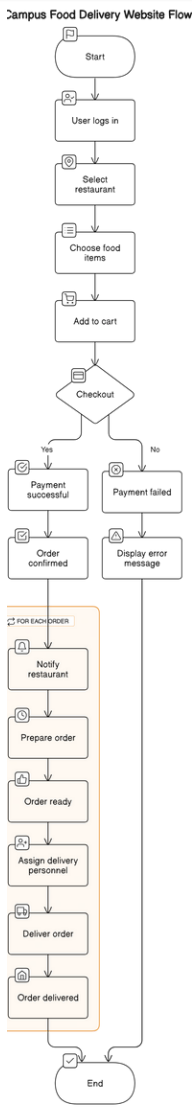
TECHNOLOGIES USED

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



SYSTEM FLOW , STATISTICS



IMPLEMENTATION

1. **Hosting:**
 - The project is relatively light weight so it can ibe 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 usingREACT 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