



# CampusCart: Revolutionizing Campus Food Ordering

A digital solution that connects students with campus food vendors to eliminate waiting lines and streamline ordering processes





# The Problem We're Solving

## For Students

- Long waiting lines during peak hours
- Wasted time between classes
- Limited visibility into menu options
- Frustration with tight schedules

## For Vendors

- Manual order processing errors
- Difficulty managing inventory
- Overwhelmed during rush hours
- Limited digital presence on campus



# Our Solution: CampusCart



## Browse & Select

Students browse menus from all campus food vendors in one place



## Order

Place orders directly through the platform



## Get Notified

Receive notifications when food is ready for pickup



## Skip the Line

Walk up to the counter and collect your order - no waiting!  
waiting!

A seamless web application connecting students and vendors for efficient campus dining







# Student Experience

1

## Guest Browsing

View all campus food options without logging in

2

## Search Functionality

Find specific foods across all campus vendors instantly

3

## Cart

Save favorite items for quick ordering

4

## Order Tracking

Monitor order status in real-time



# Vendor Dashboard

## Powerful Management Tools

- Digital menu management
- Real-time order system
- Inventory tracking

Vendors can update availability and pricing instantly, ensuring students always see accurate information.



# Key Features

## Role-Based Authentication

Separate logins for students and vendors, with appropriate appropriate access controls

## Real-Time Updates

Instant notifications for order status changes and menu updates

## Cross-Platform Access

Available on mobile and desktop browsers for campus-wide accessibility

## Intuitive Search

Find foods by type, vendor, dietary restrictions, or price range range

## Digital Payment Integration

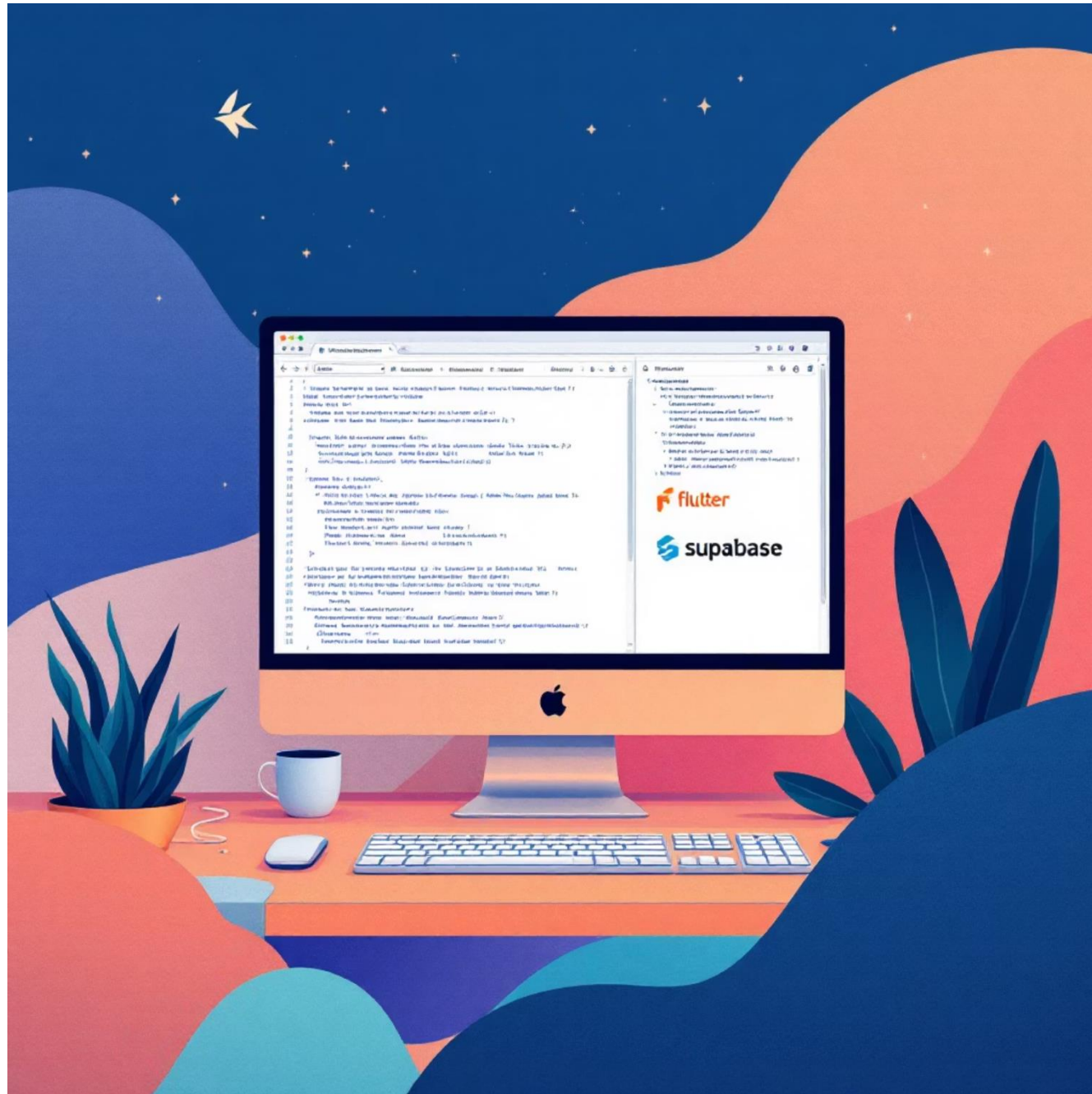
Secure payment processing with multiple options

## Order History

Easy reordering from past purchases for students



# Technology Stack



## Frontend

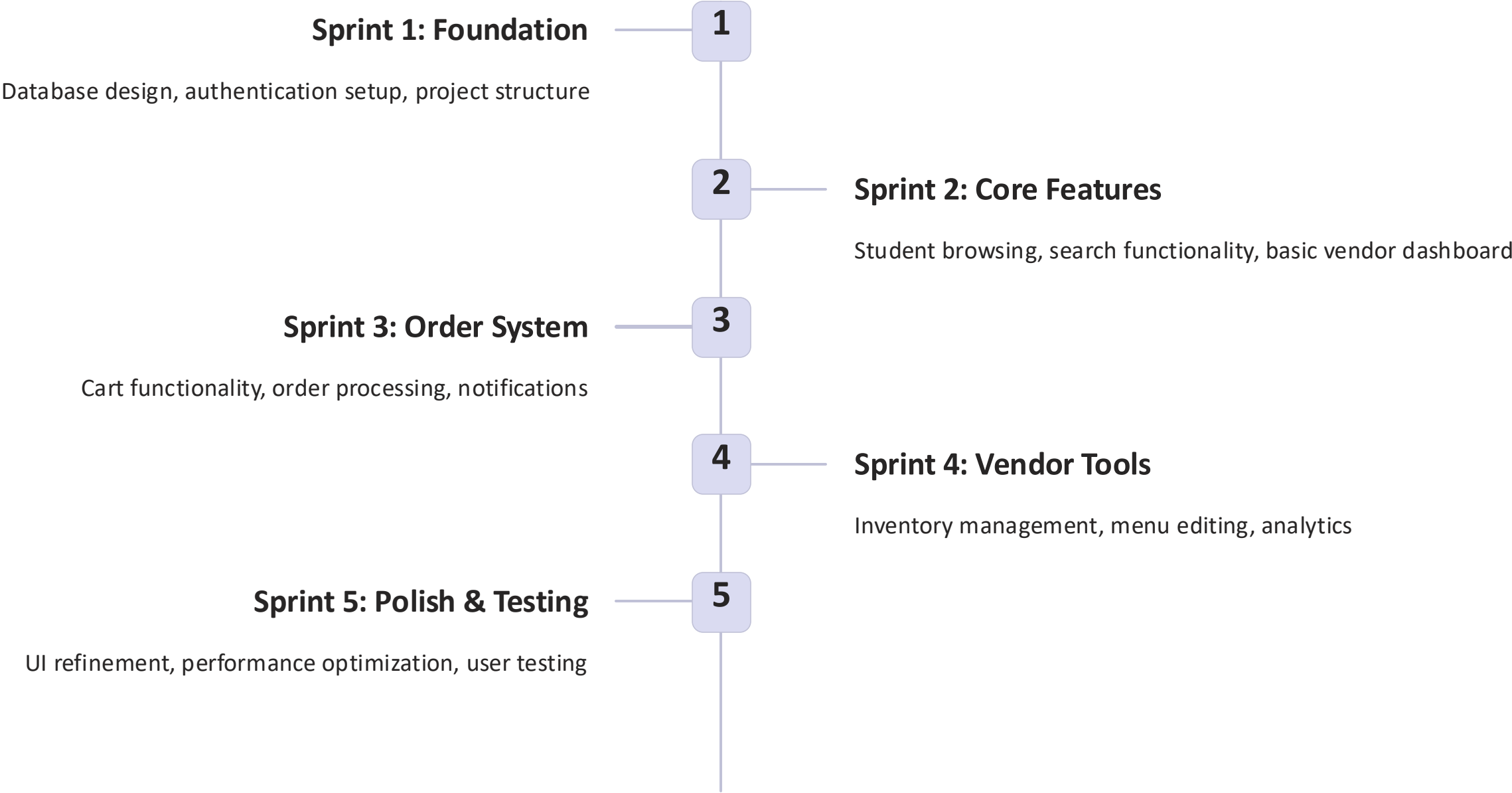
- Flutter
- Responsive web design
- Progressive web app capabilities

## Backend

- Supabase
- PostgreSQL database
- Authentication services
- Real-time data subscriptions



# Development Timeline







# Benefits & Impact

For Students

15+

Minutes Saved

Per order during peak hours

100%

Menu Visibility

Access to all campus food options

For Vendors

30%

Efficiency Boost

More orders processed per hour

20%

Waste Reduction

Through improved inventory tracking  
tracking



# Live Demo & Next Steps

## Live Demonstration

Watch CampusCart in action from both student and vendor perspectives

## Pilot Program

Rolling out to three campus vendors next month for initial testing

## Feedback Integration

Collecting user insights to refine features before full launch

## Campus-Wide Implementation

Full rollout scheduled for next semester

