

Problem Statement

Students and campus visitors waste significant time queuing at food stalls and other campus vendors, leading to inefficiency and frustration. There is no streamlined process for ordering and managing pickups remotely.

Motivation

- Avg wait time = 30 minutes
- Minimum user per day = 100
- Total wasted time = $30 \text{ minutes} \times 100$
= 3000 minutes / day
= **50 hrs / day (minimum)**

Such a huge amount of time wastage must be stopped.



Presented by :
Aryan Srivastava & Piyali Barman

Proposed Solution



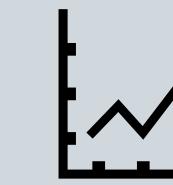
Browse menus/services and place orders from any location on campus.



Select pickup times or receive estimated ready times based on real-time preparation data.



Receive notifications when orders are ready.



Business owners manage incoming orders, update status, and view analytics.



Meet Our Team



ARYAN SRIVASTAVA

TEAM LEAD



PIYALI BARMAN

TEAM MEMBER

As a first-time developer team, we promise to apply our dedication and eagerness to learn in building a reliable and user-friendly web-based ordering system. We will focus on essential features that bring real benefits while continuously improving based on feedback to deliver a high-quality Minimum Viable Product.

Scope and Impact

- Beneficiaries: Students, faculty, campus staff, and campus vendors.
- Usefulness:
- Increased number of customers due to Zero waiting time.
- Increased number of vendors due to increased number of customers.
- Decreased prices due to increased number of vendors.

What We Aim to Deliver



FEASIBILITY

- To build an MVP using standard web technologies (HTML, JavaScript, Node.js/PHP/Python).
- Integration with notifications and order-timing algorithms.
- This approach enables fast development focused on core functions.
- Early MVP testing will allow quick feedback and improvements.

UNIQUENESS

- Campus-specific pickup logistics tailored to unique campus layouts and schedules.
- Real-time preparation estimates to keep users informed and reduce wait times.

RISK FACTORS

- Adoption: Persuading vendors and users to switch from existing routines
- Technical: Ensuring real-time updates and order tracking work reliably
- Operational: Training vendors to use the system
- Scalability: Handling increased load during peak times

ROI:

Getting to learn so much in the process of creating CravEX .

Satisfaction from creating good user experience.

Being able to contribute towards the overall development of campus.

Thank You

for your time and attention
