Idea Proposal

[Maximum 100 words / answer]

Rename the file with Team Number

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Target SDG(s):

1. What is/are the problem/s you want to solve? Why is it important?

- Save food from being wasted

- Food wastage is bad

- Help people in need

1. Who are the users you are targeting?

-Pace university staff and students, primarily people who buy food through Grubhub on campus

1. How will this app solve the tackled problem/s? Provide a vision statement.

**Vision Statement**

To build a sustainable campus community where technology connects surplus food with students, creating a win-win for our plates and our planet.

**How We Solve the Problems**

Our app solves the dual challenges of food waste for kitchens and meal affordability for students.

* **For Campus Kitchens:** We tackle the costly problem of daily food waste. Instead of throwing away unsold meals, chefs can list them on our app in the final minutes of service. Our smart pricing model creates dynamic discounts to ensure everything sells, turning a loss into revenue and eliminating waste.
* **For Students:** We provide an affordable way to eat well. Students get access to the same high-quality campus meals at a steep discount, reducing the financial stress of campus life and making nutritious food more accessible.

Essentially, we connect surplus with savings, creating a smarter, more equitable, and sustainable campus for everyone.

1. What are the major features of the app? (top 5)
   1. Real-Time Surplus Listing (For Kitchen Staff)
   2. Dynamic Pricing Engine
   3. Live "Flash Sale" Feed (For Students)
   4. In-App Ordering and Secure Payment
   5. Notifications and Alerts
2. What similar apps exist on the market? (at least 5 apps with names, screenshots, links, descriptions and how different they are from what you want to do). Present your work with a table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of the app** | **Link** | **Description** | **Differences** | **Screenshots** |
| Too Good To Go | toogoodtogo.com | Largest surplus-food marketplace; users buy surprise “magic bags” from local vendors. | Ours is campus-only, integrated with dining ops/Grubhub flow and price prediction per item. |  |
| OLIO | |  | | --- | | olioapp.com |  |  | | --- | |  | | Local sharing app for free/discounted surplus from neighbors & shops. | Community-wide; ours is institution-specific with payments, kitchen dashboard, and compliance reporting. |  |
| Flashfood | |  | | --- | | flashfood.com |  |  | | --- | |  | | Grocery markdowns on near-expiry items; reserve in-app, pick up in-store. | Grocery focus; ours targets campus kitchens + dynamic last-minutes pricing; single-campus logistics. |  |
| |  | | --- | | Karma |  |  | | --- | |  | | karma.life | Surplus from restaurants/cafés at lower prices; Nordic/UK focus. | Citywide; we integrate campus systems, diet tags, student ID eligibility, and dining analytics. |  |
| |  | | --- | | Food for All |  |  | | --- | |  | | |  | | --- | |  |  |  | | --- | | Facebook page | | Discounted end-of-day meals in Boston/NYC from restaurants. | Limited geo; ours is campus-wide, always-on, with operational tooling for chefs and facilities. |  |

1. How is your app unique?

A campus-based app that works with dining systems and Grubhub accounts. It adjusts prices by item, shows meal-plan and dietary options, lets students pick up food before closing, and gives dashboards on waste saved, carbon impact, and extra money earned. Built just for colleges, not general city food apps.

1. Are you integrating AI in your app?

Yes, we will be integrating either AI or an ML model to help in predicting price of the food

1. What are the risks associated with the development of this app? Why wouldn’t it be delivered completely (scope), on time and on budget? Identify 3 to 5 risks that are relevant in your case.

|  |  |
| --- | --- |
| **Risk Name** | **Description** |
| 1. Pickup logistics | |  | | --- | | Bottlenecks at close. |  |  | | --- | |  | |
| 1. Forecast accuracy | |  | | --- | |  |  |  | | --- | | Bad pricing hurts trust/margins. | |
| |  | | --- | | Cold-start inventory |  |  | | --- | |  | | |  | | --- | | Not enough listings at first. |  |  | | --- | |  | |
| |  | | --- | | Data/PCI compliance |  |  | | --- | |  | | |  | | --- | |  |  |  | | --- | | Payments & student data handling. | |
| |  | | --- | | Vendor buy-in |  |  | | --- | |  | | Dining partner may resist ops change. |

1. What is your goal with this project? (build portfolio/resume, get technical experience …) [One per team member] [You can have several goals]

|  |  |
| --- | --- |
| **Name** | **Goal** |
| Pratik Shah | Build portfolio; lead backend & integrations. |
| Chinmay Chandra | Strengthen ML skills; own pricing model. |
| Sandeep Kumar | Frontend/UX; accessibility and notifications. |
| Karan Nahar | Product/BD; vendor onboarding & metrics. |