

Campus Cuisine - DUTC Replacement Catering Service

Campbell Downie

Proposed Idea & User Needs

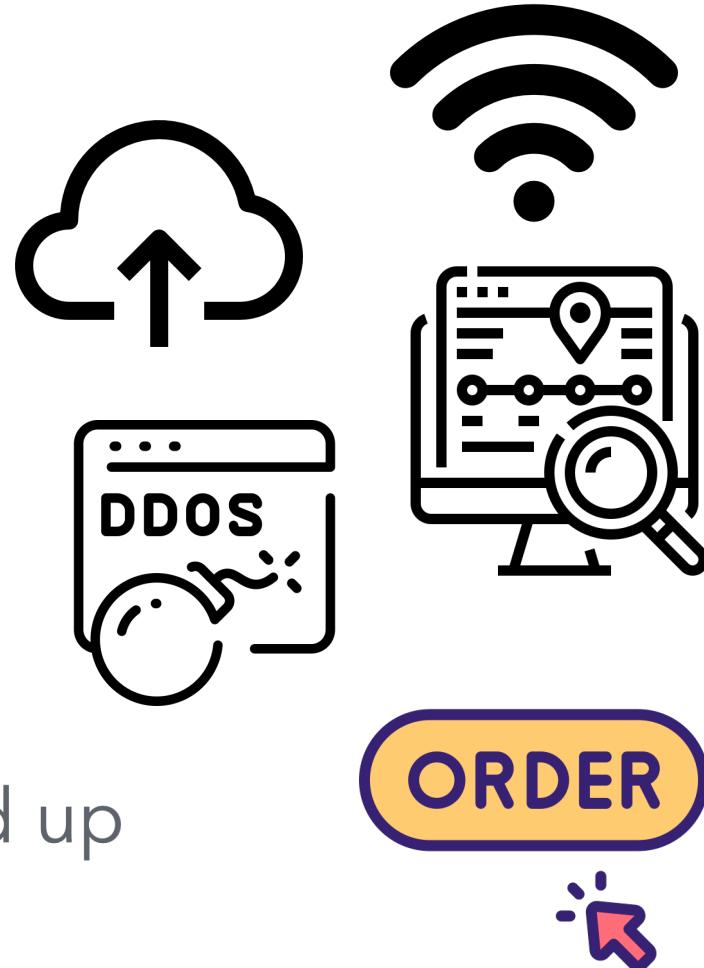
Campus Cuisine is the new bespoke software and has been made to replace the current Legacy system. Here's how it works:

- NFC Lunch Cards
- Order History Reports
- Payment System (Loading & Spending)
- Card Assignment



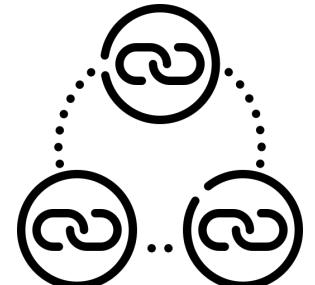
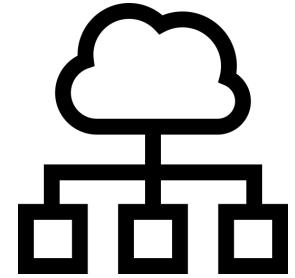
Issues with Breaz

- Wi-Fi/Cellular Reliant
- App Stores Data
- No Parental Tracking
- Could be Spammed (DDoS)
- Food could be ordered and not picked up



How We Wish To Fill The Gaps

- Use an Internal Intranet System
- Use the secure DUTC Database
- Allow integration with DUTC website
- Secure it with DDoS Protection
- Internal Use Only



Features Of Campus Cuisine

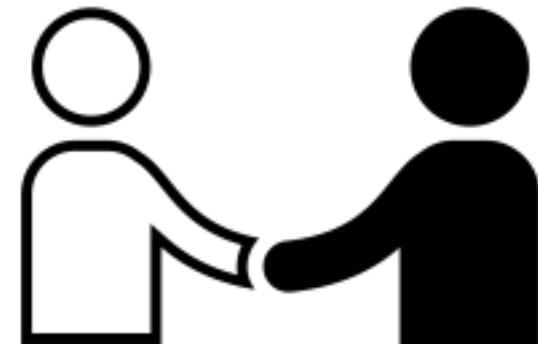
- Offline Access
- No limit on money input on account
- The money loading system is integrated into the website



Compliance To Legislation

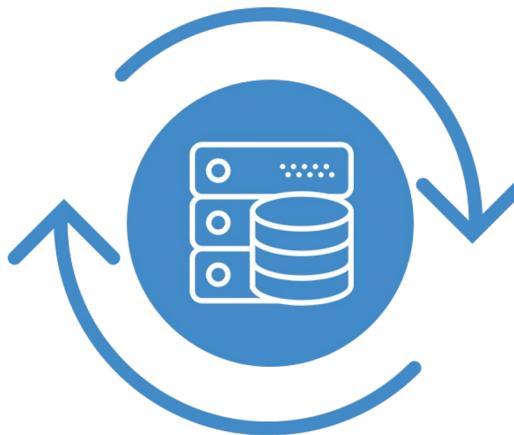
For this app to be live in the way it is used it must comply with the laws and legislation put in place to protect data these are the acts we must comply by:

- Data Protection Act
- GDPR
- Computer Misuse
- Equality Act



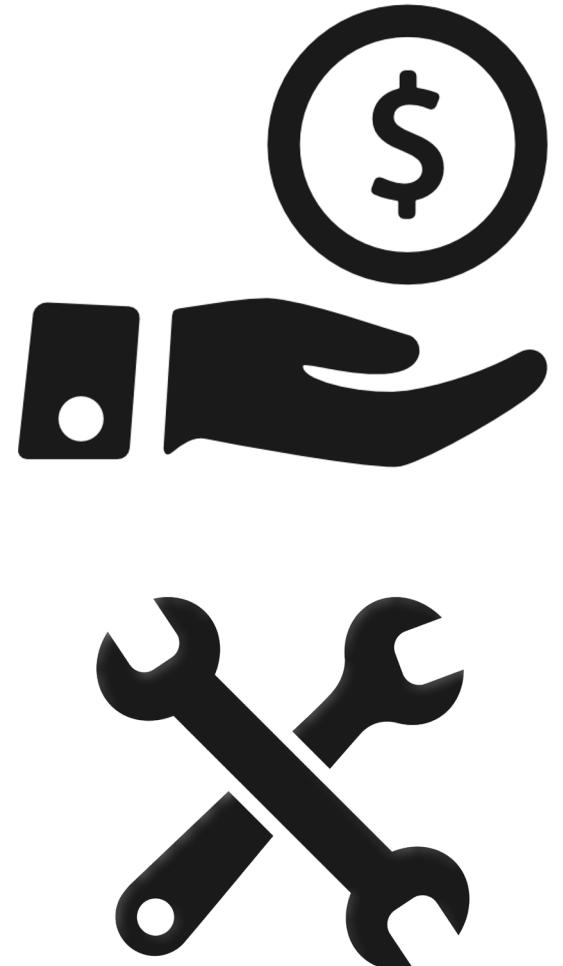
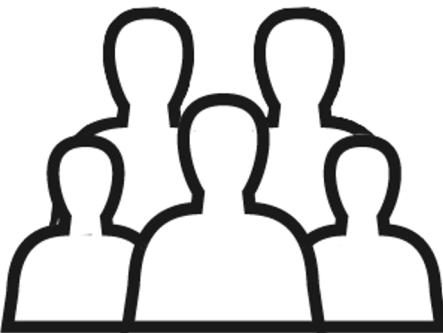
Security Measures

- End-to-End Encryption
- Backups
- Physical Protection
 - Locks on Doors (Biometric is the most secure)
- Software based Protection
 - Anti-Malware
 - Encryption Keys

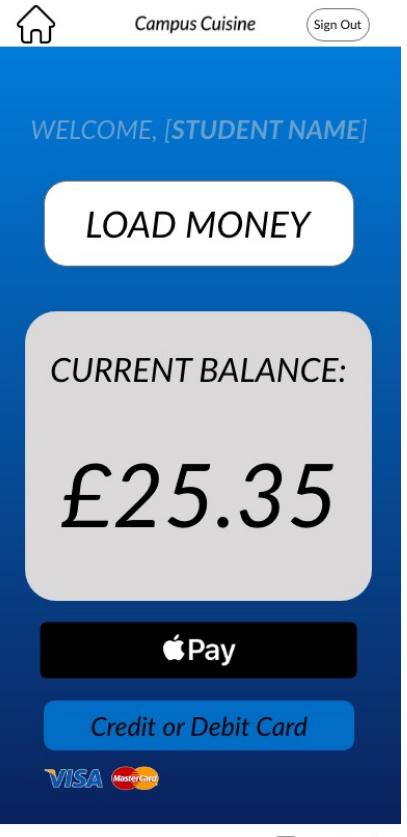
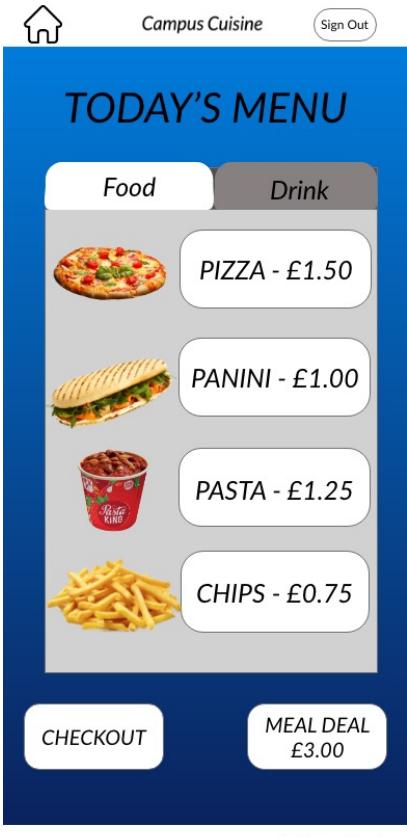
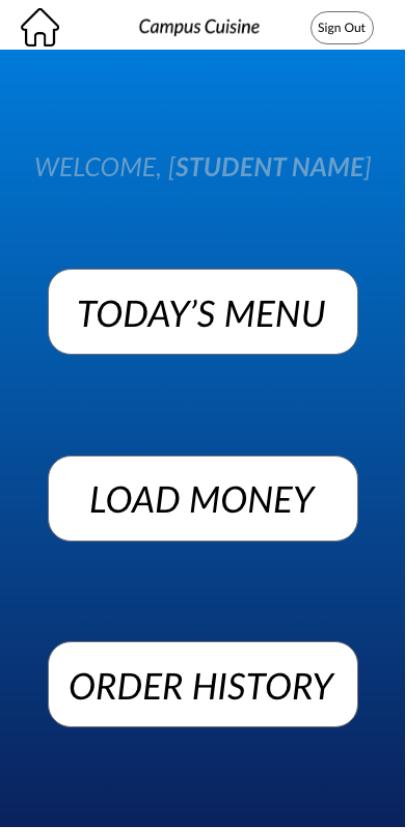


Costs and Maintenance

- Each day the costs of our labour for development will be £22 per hour and 8 hour days.
- We have a small team of about 5 developers and this will all be x5 as each of us need to be paid
- This will be the base costs for development, if maintenance from us is something that is wanted then this will be £50 for the first year and then up to £75 per annum

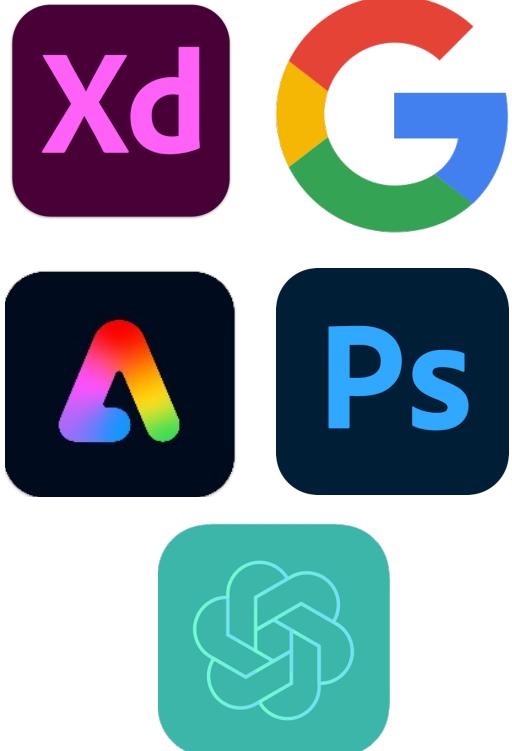


Prototype UI



Software Used

- With this app there were only a few programs required:
 - Adobe XD
 - Prototype Development
 - Wireframes
 - Photoshop
 - Polishing Graphics
 - Adobe Express
 - Logo Creation and adaptation
 - Online AI and research tools
 - To grasp UX and Layout



Working Proof

- This is a video showing that the app is functional and works as intended
- Here it is being displayed through an simulation on a computer



Thank you for Listening

Any Questions?

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