Food Pantry Website

Going to the food pantry, we realized that everything is mainly done on paper, like the questionnaire and the consumer's information. It is then inserted into the computer. We wanted to make the overall experience for the worker and the consumers fast and easy. So, we decided to make a mobile friendly website. Another main objective for the use of this site is to make sure that workers know when their food will be expiring or is expired, for sometimes there will be expired food on the shelves.

Food Pantry Project Timeline
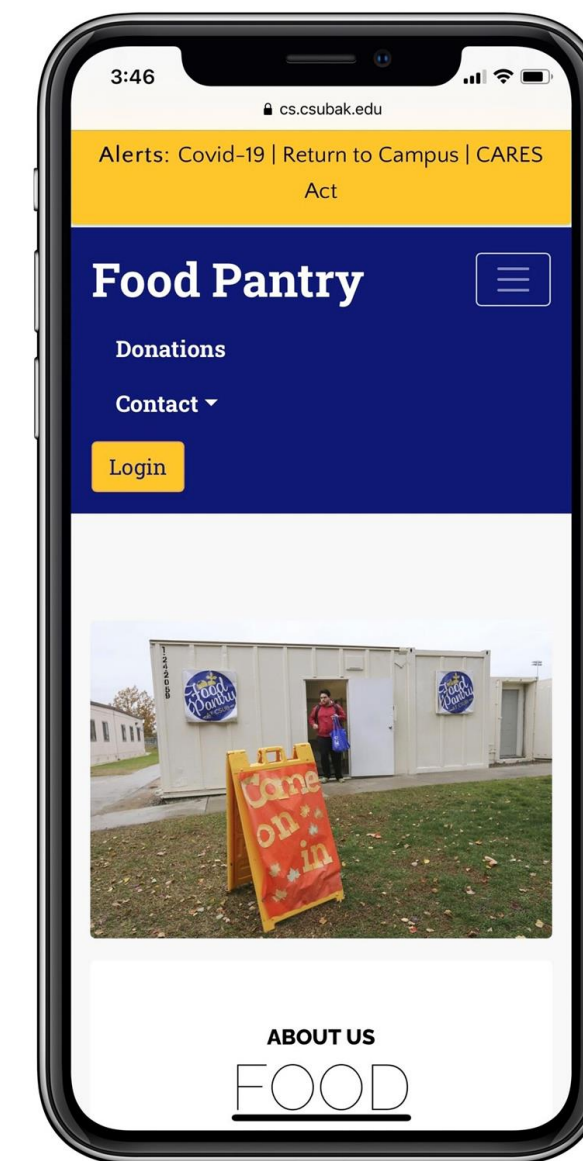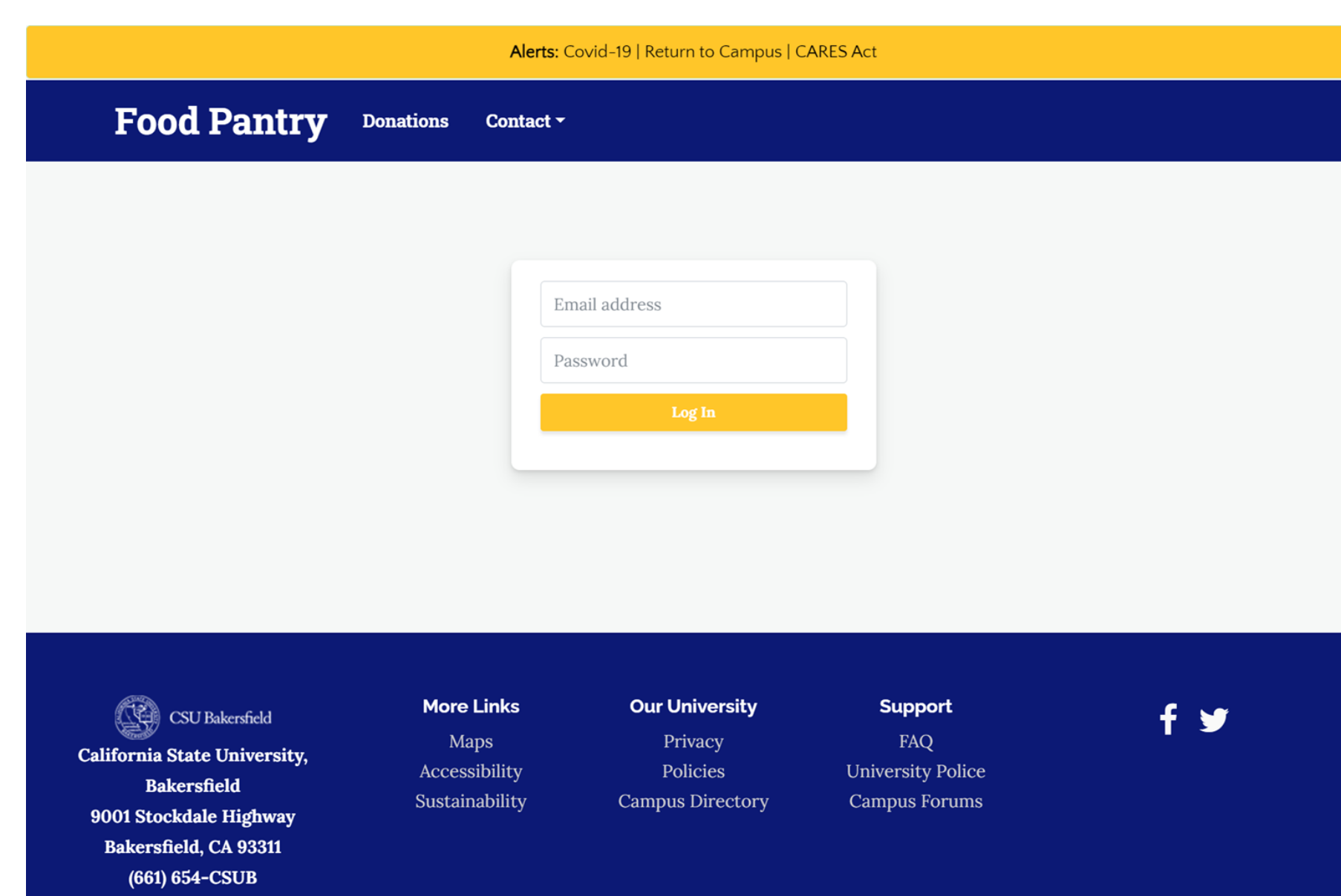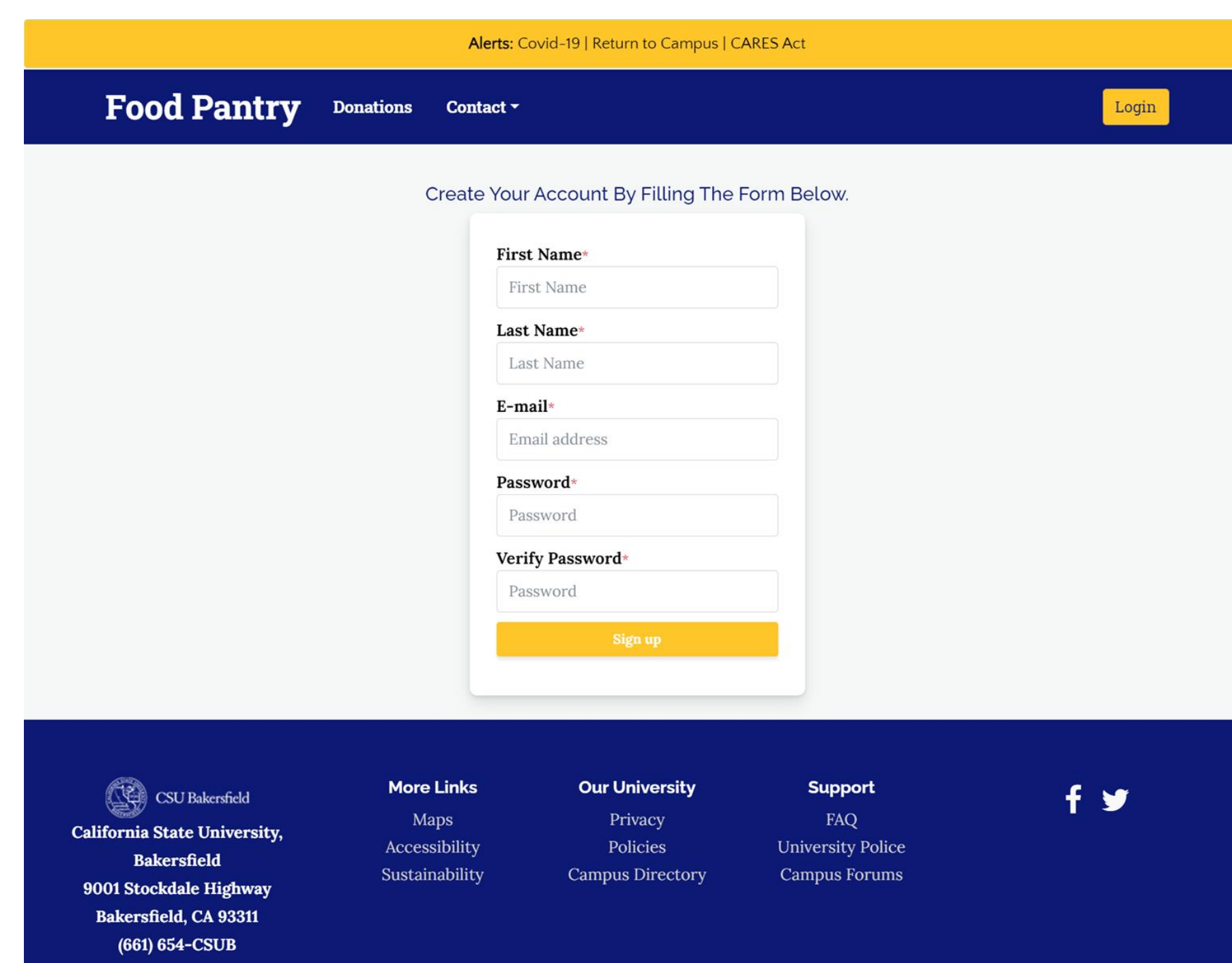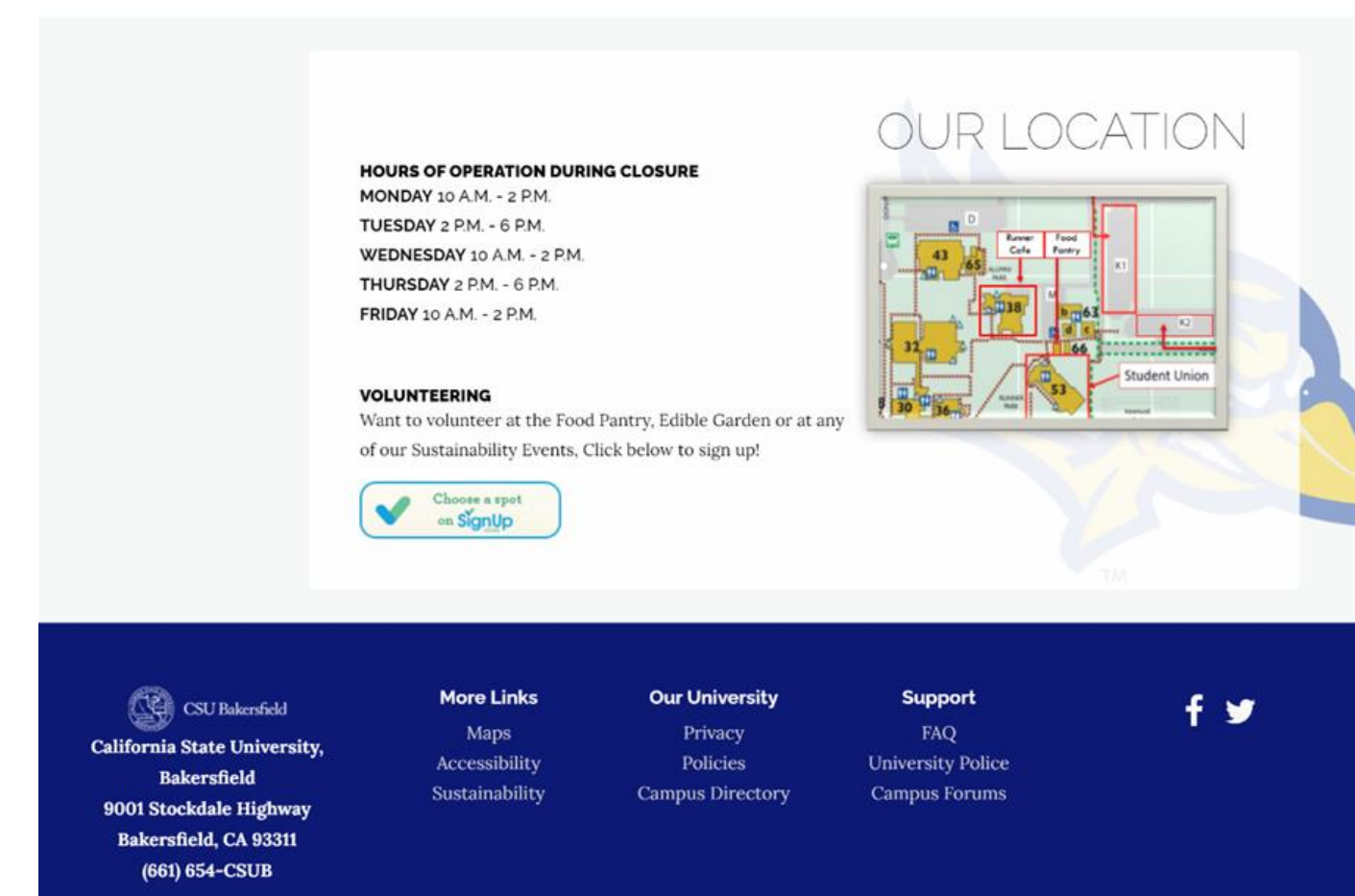### Spring 2020

1. Create a conceptual database design
2. Initiate a git repository
3. Create database MySQL code
4. Create a design for our interfaces

Fall 2021

1. Connect the backend with the frontend
2. Sanitize user inputs, implement security, hashing functions
3. Implement the QR code
4. Manage database user permissions
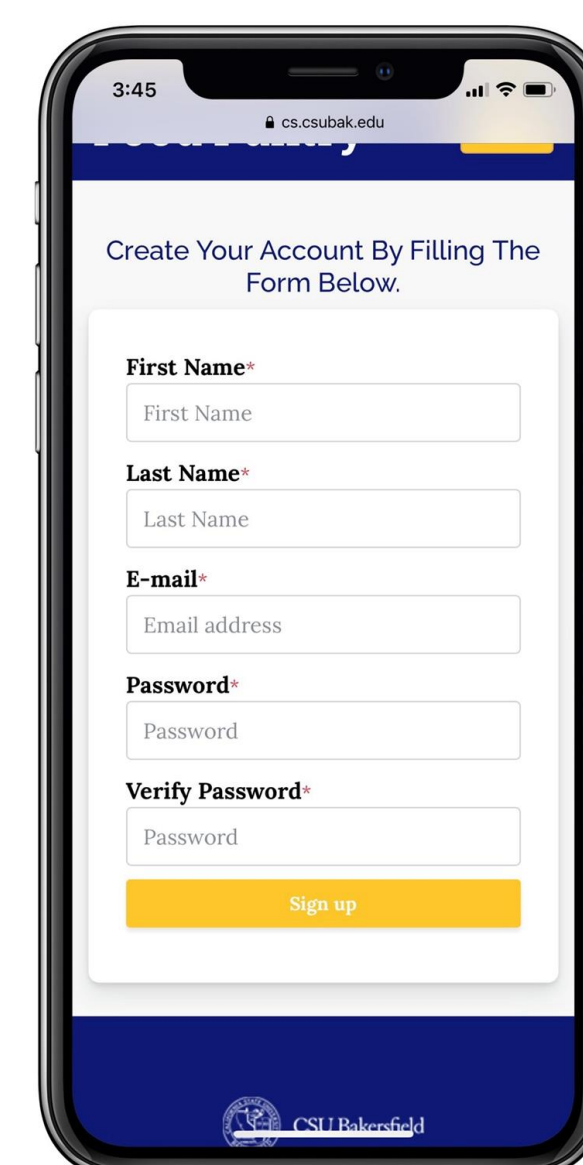5. Backend heavy queries and communications with front end

Consumer Interfaces

On our homepage you can find information about how the food pantry point system works, contact information, donation information, FAQs, and how to volunteer.

The QR code given to you by a staff member will be direct you to our sign up page.

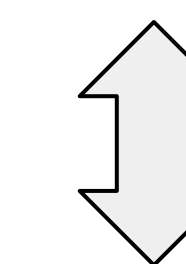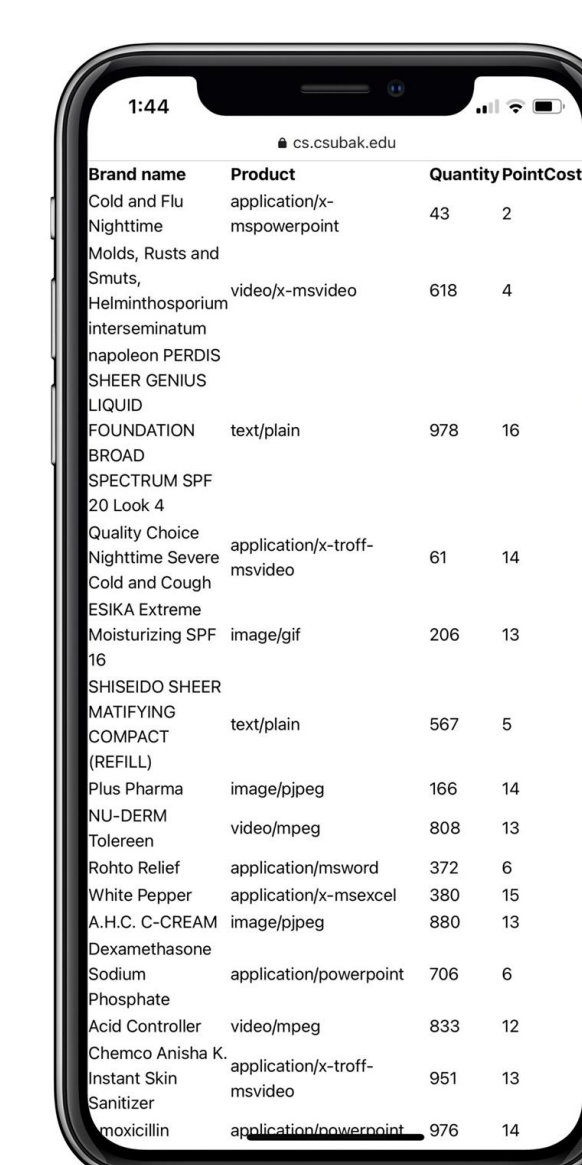Consumers will be able to see the product, brand name, quantity, and how much the items costs.

As a consumer, you are able to sign in using the credentials you created in the sign up page.

After signing in, you can view your unique qr Code and use it to check out at the Food Pantry.

Staff Interfaces

As soon as a staff members log in, he or she will be able to view all inventory. From this page, staff are able to add, delete, and update inventory, register new users, and check out consumers at the Food Pantry.

Inventory View

ProductID	BrandID	Brand name	Product		Quantity	PointCost	ExpirationDate
100000	100000	Cold and Flu Nighttime	application/x-mspowerpoint		43	2	2020-09-05
100001	100001	Molds, Rusts and Smuts, Helminthosporium intersiminatum	video/x-msvideo		618	4	2020-05-16
100002	100002	napoleon PERDIS SHEER GENIUS LIQUID FOUNDATION BROAD SPECTRUM SPF 20 Look 4	text/plain		978	16	2020-10-27
100003	100003	Quality Choice Nighttime Severe Cold and Cough	application/x-troff-msvideo		61	14	2020-05-17
100004	100004	ESIKA Extreme Moisturizing SPF 16	image/gif		206	13	2020-04-09
100005	100005	SHISEIDO SHEER MATIFYING COMPACT (REFILL)	text/plain		567	5	2020-08-24
100006	100006	Plus Pharma	image/pjpeg		166	14	2020-02-24
100007	100007	NU-DERM Toloreen	video/mpeg		808	13	2020-10-16
100009	100009	Rohto Relief	application/msword		372	6	2020-03-05
100010	100010	White Pepper	application/x-msexcel		380	15	2020-09-15
100011	100011	A.H.C. C-CREAM	image/pjpeg		880	13	2020-05-04
100013	100013	Dexamethasone Sodium Phosphate	application/powerpoint		706	6	2021-01-08
100014	100014	Acid Controller	video/mpeg		833	12	2021-01-24

Add, Update, and Delete View

Food Pantry   ADD   UPDATE   DELETE

Product ID

Brand ID

Quantity

Point cost

Expiration date

Brand name

Produce type

Produce picture

Submit

Check Out Page

FP Staff Menu   ADD   UPDATE   DELETE   ACCOUNTS   REGISTER NEW   CHECK OUT

qrcodeid
1000000069

Point Balance

Total
enter points due

Check Out