



AMIT SHARMA (011090820)

MAYANK TANWAR (011435320)

NAVNEET JAIN (011419291)

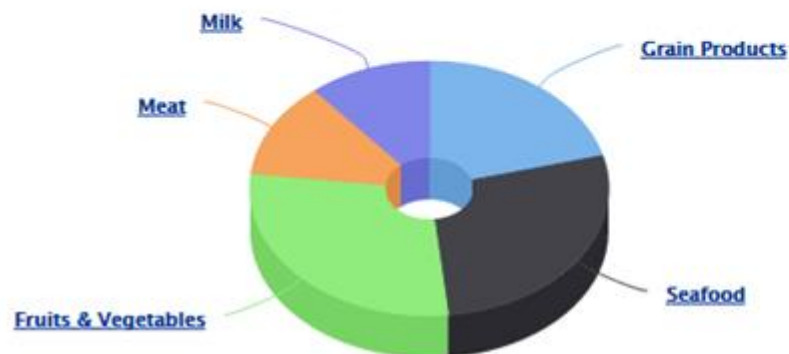
PRATEEK SHARMA (011475620)

PROBLEM STATEMENT

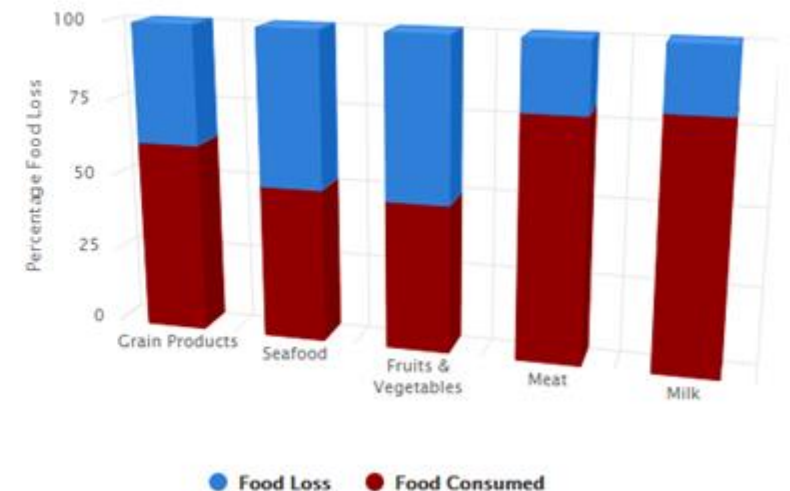
- 40 percent of food in the United States alone goes uneaten causing loss of \$165 billions each year.
- Reducing food losses by just 15 percent can feed more than 25 million Americans every year.
- Businesses should streamline their own operations, to reduce food losses and save money.
- This is where FoodCoin fits in.
- We provide solutions for restaurant businesses to optimize their operations.

Food Loss

(Click on Category for further classification)



Food Consumed v/s Food Lost



SOLUTION STATEMENT

Before Operations:

1> Prediction of Number of guests per day.

Get the prediction of the number of customers you can expect on any given day, based on the customer behavior extracted from customer analytics. This will facilitate you in planning your day work ahead.

You can count on your expected daily customer traffic which we provide you, which is rendered to you by running our analytics on the pattern of customer visits in past.

2> Prediction of the quantity of food.

Prediction of the quantity of food materials that will be required throughout the day is rendered to you in advance, before your business day starts.

This makes it much simpler to work out inventory maintenance in advance without understocking and overstocking.

SOLUTION STATEMENT (CONT..)

After Operations:

1> Sentiment Analysis:

We process the user reviews and we render the ready to use information based on the analytics on the user reviews, which have crucial information on customer expectations.

Through the Sentiment Analysis of the user reviews, it is very easy to have a check on what is working and what is not working. This facilitates in making the customers happy.

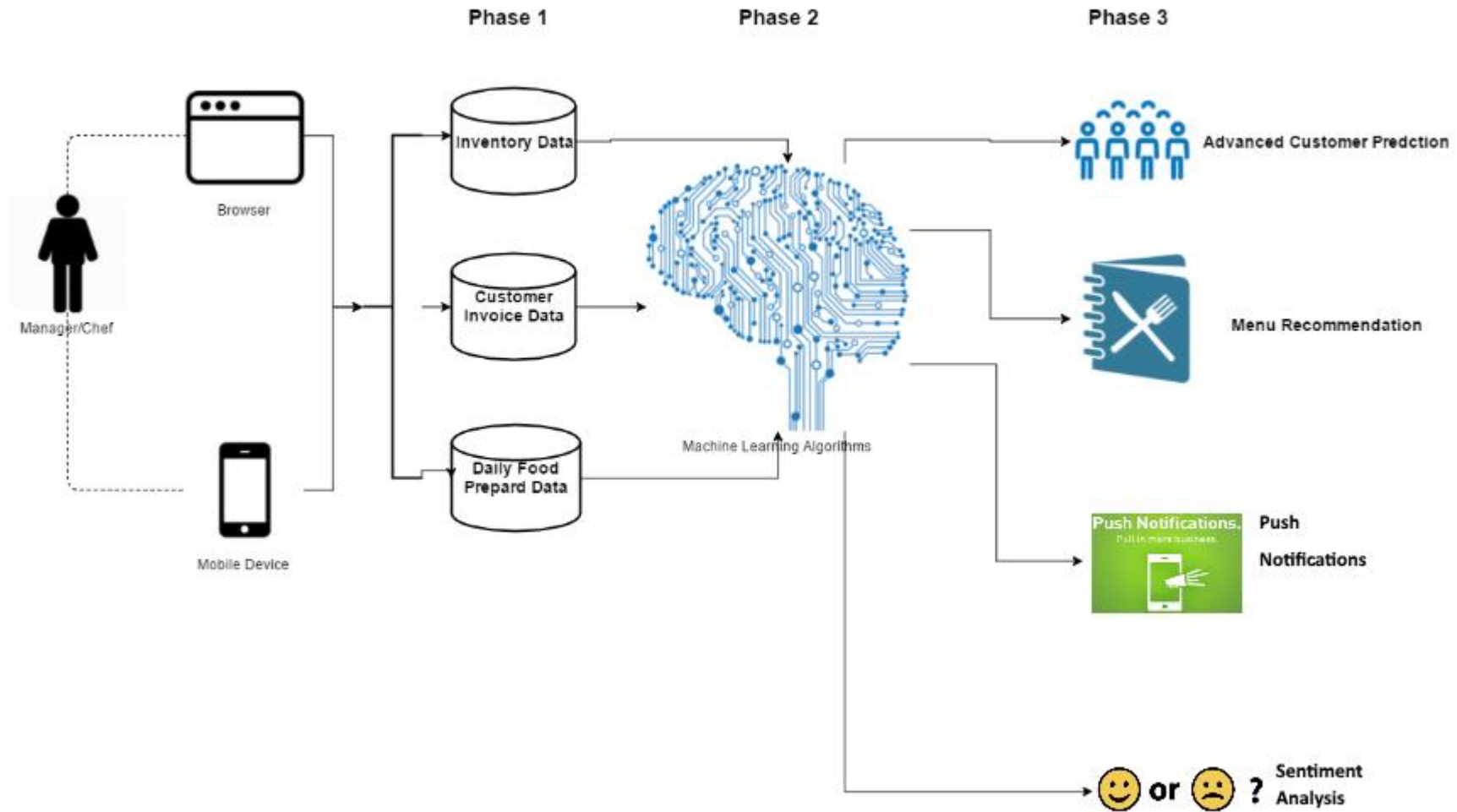
2> Push Notifications:

We send the real time notifications to the subscribers who can benefit from discounts on the excess food in pantry, which otherwise has the potential of going to waste.

Through SMS on mobile phones as well as through native notifications inside the application, we communicate with our subscribers, who in turn help restaurants in reducing food wastage.

ARCHITECTURAL FLOW DIAGRAM:

Architectural Flow Diagram:



BUSINESS MODEL

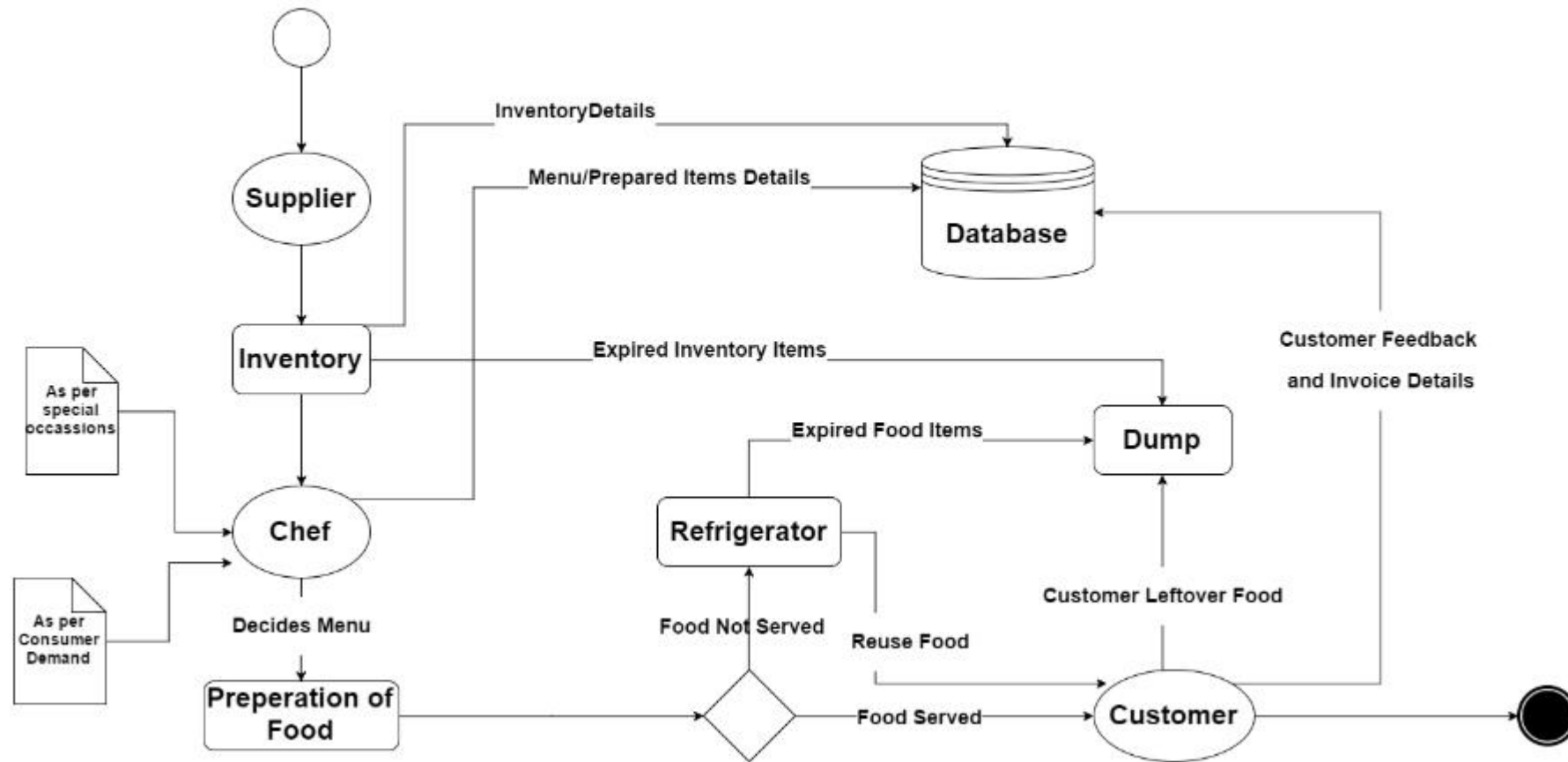
Our business model is simple.

- 1> We are Software as a Service (SaaS) vendor.
- 2> We provide services to restaurants which enable them to reduce their food wastage, know more about their customer sentiments, know their customer traffic and food requirement.
- 3> Our service is free to join and test for first 3 months.
- 4> After 3 months, independent restaurants still can continue to use it for free.
How ever, for restaurant chains, they have to pay a nominal fee if their chain size is more than 5 in number.
- 5> We will show recommendations for inventory procurements. We will charge vendors who will be on recommendation list on every transaction made through us . Restaurants can use this feature for free.

Recommendations will not be like advertisements. They will have a dedicated space on our app and will be available for voluntary participation.

FLOW CHART

Flow Chart:



SECURITY FEATURES:

I. PASSWORD REQUIRED

The screenshot shows a web browser window with the URL `foodcoin272.mybluemix.net/#/`. The website has a dark header with the **foodcoin** logo and navigation links: **ABOUT**, **DEMO**, and **SIGN IN / REGISTER**. The background image features a wooden wall with a metal padlock and a pair of red sneakers at the bottom.

On the left side, the text reads: **USER SIGN**
Sign In to Maximize your Revenue
wastage!

On the right side, the text reads: **REGISTER**
Coin Services. Come Register with
us !!!

A modal form is centered on the screen. It has two tabs: **Sign in** (active) and **Register**. Below the tabs, a red error message states: **Password is required**.

The form contains the following input fields:

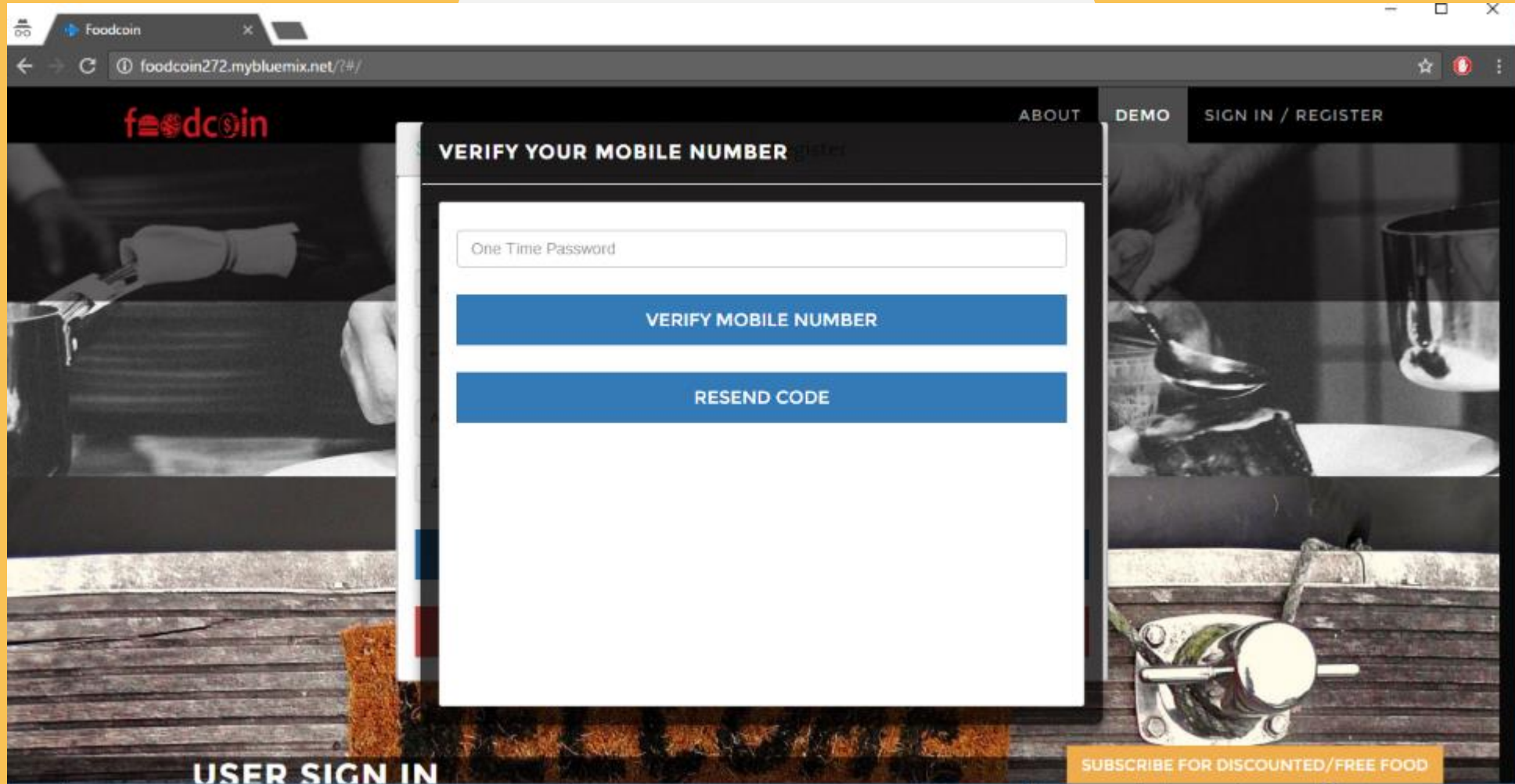
- Email**: A text input field.
- Re-enter Email**: A text input field with a yellow warning icon and the message "Please fill out this field."
- Password**: A text input field.
- First Name**: A text input field.
- Last Name**: A text input field.
- Mobile No**: A text input field.

At the bottom of the form are two buttons: a blue **REGISTER** button and a red **CLOSE** button.

In the bottom right corner of the website, there is an orange button that says: **SUBSCRIBE FOR DISCOUNTED/FREE FOOD**

SECURITY FEATURES:

2. OTP REQUIRED FOR REGISTRATION AND LOGIN



The screenshot displays a web browser window with the Foodcoin website. The address bar shows the URL `foodcoin272.mybluemix.net/?#/`. The website's header includes the Foodcoin logo and navigation links for [ABOUT](#), [DEMO](#), and [SIGN IN / REGISTER](#). A modal window titled "VERIFY YOUR MOBILE NUMBER" is centered on the screen. This modal contains a text input field labeled "One Time Password", a blue button labeled "VERIFY MOBILE NUMBER", and another blue button labeled "RESEND CODE". The background of the website features a collage of food-related images, including a chef's hands, a glass of milk, and a metal strainer. At the bottom of the page, there are two banners: "USER SIGN IN" on the left and "SUBSCRIBE FOR DISCOUNTED/FREE FOOD" on the right.

foodcoin

ABOUT DEMO SIGN IN / REGISTER

VERIFY YOUR MOBILE NUMBER

One Time Password

VERIFY MOBILE NUMBER

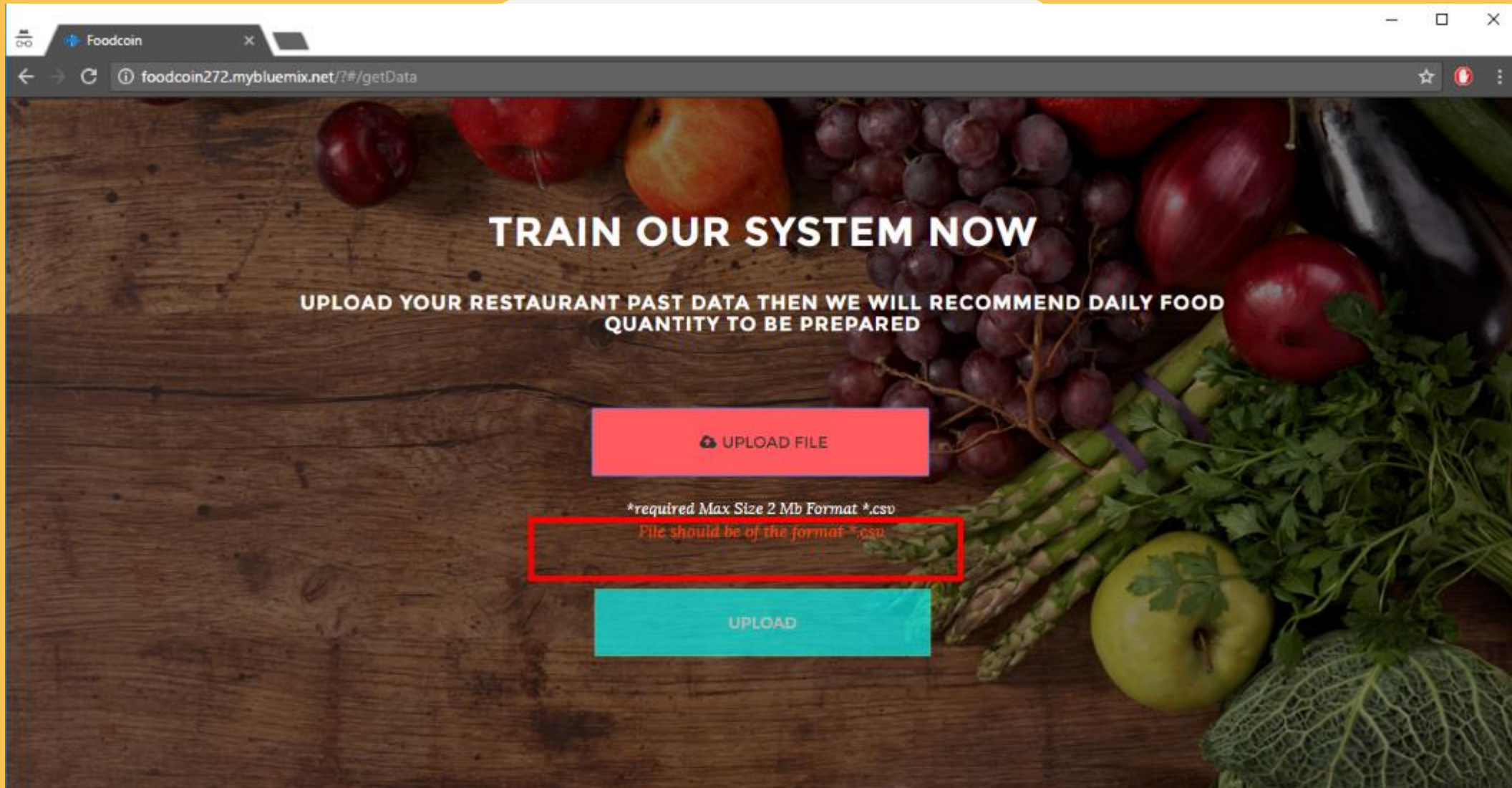
RESEND CODE

USER SIGN IN

SUBSCRIBE FOR DISCOUNTED/FREE FOOD

SECURITY FEATURES:

3. ONLY CORRECT FILE FORMATS ACCEPTED



THANK YOU !

QUESTIONS?