Duty Tariff and Harmonized System Code (HS) Search Tool

Target release	Version 1.0
Website URL	https://dutyrate.herokuapp.com/
Document status	DRAFT
Document owner	Abinaya Ragunath
Developers	Deepak G

Background

Our mission is to provide a free and an easy way to look up import duty rate and Harmonized System (HS) code. Small Business owners need to know the tariff rate and HS code to calculate price markup, import processing and to ship product to customers overseas. As of today, the companies that provide such service charge a fee to use the service. US Trade department has a search tool that is not efficient in narrowing down the results and the other option is go through the pdf files which are time consuming.

Objective

- Customers should be able to search for import tariff and HS code by simply typing in the product description and clicking the search button.
- Customers should be able to view the tariff rate after the clicking the search button.
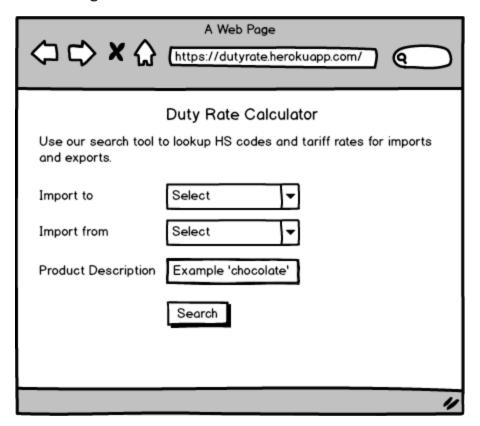- https://dutyrate.herokuapp.com/

Assumptions

- Users will primarily use this from a mobile or laptop browser
- Users are small business owners

Requirements

#	Title	User Story	Importance	Release	Notes
1	FTA API Integration, Search page	As a small business owner, I want to be able to search for the current year's tariff rate and HS code for a product that I want to import from one of the FTA (Free Trade Agreement countries) by doing the following 1. Select the country importing from and importing to, from a drop down menu. 2. Type in the product description 3. Click Search	Must Have	v1.0	• The finite list of countries in the FTA agreement should be listed in a drop down menu as shown in the mockup for the customer to choose from. • United States should be selected in the import to or the import from dropdown menu. If not display an error that 'Import to/from fields should contain United States in one field and a different country chosen from the drop down menu in the other field' • Customer should not be able to type any countries in the import to/from fields • Customer has to enter two different countries in the import to/from field. If they type in the same countries display an error that 'Import to/from fields should contain United States in one field and a different country chosen from the drop down menu in the other field' • Accept only text values in the product description • Display help text in the product description text boxes, "example 'chocolate' " • If the product is not available or the result yields a null value print a message saying 'No results found for the above product description'
2	FTA API Integration, View page	As a small business owner, I want to be able to VIEW the current year's tariff rate and HS code for a product that I want to import from one of the FTA (Free Trade Agreement countries) by inputting values as stated above in 1) and then clicking on search.	Must Have	v1.0	• Results are displayed based on the users input after hitting search button • The FTA API return should be filtered to return only the hs_6, subheading_description and annual_rate (only for current year)

User interaction and design

Questions

Below is a list of questions to be addressed as a result of this requirements document:

Question	Outcome
How can we acquire users?	Communicate on Amazon sellers forum, Quora, Reddit, Youtube informational videos about import/export, Be featured on small business blogs

Features Out

Title	User Story	Importance	Release	Notes
Integrate non FTA countries	As a user, I want to be able to search tariff rates and HS codes for any country including the ones in the non FTA agreement.	Must Have	v2.0	TBD
Integrate non FTA countries	As a user, I want to be able to refine product selection from a dropdown to narrow down the exact HS code	Must Have	v2.0	TBD
FTA API Integration, Display previous search results	As a user, I want to be able to see my previous search results	Nice to have	v2.0	TBD
FTA API Integration, Clear Search Results	As a user, I want to be able to clear my search results	Nice to have	v2.0	TBD

Success Metrics

Number of Users who hit the search button > 40% of the daily visitors

Reach average daily visits of 1000 users in 30 days after launch, including organic and referral traffic