A StockX API, FlightClub API, Goat API, and Stadium Goods API all in one.

Sneaks API is a sneaker API built using Node.JS, Express, and Got. The Sneaks API allows users to get essential sneaker content such as images, product links and even prices from resell sites while also collecting data and storing it within a database. This API mainly scrapes StockX for sneaker information and then asynchronously scrapes Stadium Goods, Goat, and Flight Club for additional sneaker information such as images and its respective resell price. This API outputs a sneaker object of the following variables:

Sneaker Name

Colorway

Description

Release Date

Retail Price

Style ID

Image Links

Product links from each of the resell sites

Price map (of shoe size to price) from each of the resell sites

And more

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| Use Case Name: Buying | ID: 1 | | Priority: High |
| Actor: Customer | | Trigger: Customers buying shoes off GoatedOff | |
| Description: Process of buying shoes online | | Type: External | |
| Major Inputs:   |  |  | | --- | --- | | **Description** | **Source** | | Selecting brands | Customer | | Choosing the products | Customer | | Process the buying payment | Customer | | | Major Outputs:   |  |  | | --- | --- | | **Description** | **Destination** | | Getting selected brand products | Customer File | | Showing options of products | Customer | | Detail view of customer choice | Customer File | | |
| Normal Course:   1. Customer goes through option of brands and products to choose from 2. Customers goes through pricing of the products to choose from. 3. Check availability of the products 4. Process the request 5. Customers makes a final decision on what products they wanted. 6. Authorization of the payment and delivery time | | Information for steps:  Searches through all the brands   * Prices from low to high / high to low * Shoes sizes   Types of car customer wants/availability   * Request reservation * Name, address, phone number, ID, credit card | |

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| --- | --- | --- | --- |
| Use Case Name: Bidding | ID: 2 | | Priority: High |
| Actor: Customer | | Trigger: Customers biding shoes off GoatedOff | |
| Description: Process of bidding shoes online | | Type: External | |
| Major Inputs:   |  |  | | --- | --- | | **Description** | **Source** | | Selecting brands | Customer | | Choosing the products | Customer | | Process the bidding online | Customer | | | Major Outputs:   |  |  | | --- | --- | | **Description** | **Destination** | | Getting selected brand products | Customer File | | Showing options of products | Customer | | Detail view of customer bidding on the products/highs and low | Customer File | | |
| Normal Course:   1. Customer goes through option of brands and products to choose from 2. Customers goes through pricing of the products to choose from. 3. Check availability of the products 4. Process the request of bidding 5. Customers makes a final decision on what products they wanted. 6. Authorization of the bidding and submit the bid. | | Information for steps:  Searches through all the brands   * Prices from high to low/low to high * Shoes sizes   Types of products customers wants   * Request reservation * Name, address, phone number, credit card | |

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| --- | --- | --- | --- |
| Use Case Name: Selling | ID: 3 | | Priority: High |
| Actor: Customer | | Trigger: Customers selling shoes on GoatedOff | |
| Description: Process of selling shoes online and GoatedOFF checks for Validation of the products | | Type: Temporal | |
| Major Inputs:   |  |  | | --- | --- | | **Description** | **Source** | | List your items | Seller | | Ship | Seller | | Get Paid | Seller | | | Major Outputs:   |  |  | | --- | --- | | **Description** | **Destination** | | You can Sell Now at the highest Bid or set an Ask for the price you want to sell your item for. | Seller File | | Ship your item within 2 business days. We authenticate, then we ship it to the buyer. | Customer | | We release your payouts as soon as your item passes verification. | Seller File | | |
| Normal Course:   1. Seller goes through option of items to sell 2. Seller goes through pricing of the products to choose from. 3. Check availability of the products/List all the sizes of the products and numbers of each 4. Process the request of selling and shipping 5. Sellers ship the product with authenticate by GoatedOFF 6. Money will be release soon as it passes verification and GoatedOFF gets percentage for services. | | Information for steps:  Searches through all the brands   * Prices varies depending on sellers’ availability of payment option could be set price or bid. * Shoes sizes, details on the products and Pictures verified by GoatedOFF.   Types of products customers wants   * Request reservation * Name, address, phone number, credit card * Verification process and satisfaction by consumers product they bought. | |

Use Case Diagram

Diagram

Description automatically generated