

Topic: Stock Notifier

Author: Emmanuel Gonzalez Morales

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1. Problem Background

- There does not exist a platform that notifies the user about product availability.
- Big companies usually notify on their sale page about the arrival of products but searching every website for scarce products can be time-consuming.
- Small companies don't usually have a platform to notify clients about product availability, so they tend to lose clients because people prefer big companies with more stock availability chances.

2. Target

- Promote local businesses and help small businesses reach more customers.
- Ensure consumers can find their desired item within their budget.
- Make it easier to find the desired product easier within a variety of popular stores (Also websites) and Puerto Rican local businesses.
- Ensure a good price for the product.

3. Causes

- Massive bots that buy all the stock (The actual chips shortage).
- Scalpers use to get products like graphics cards and sell them overpriced
- Larger business getting all the customers.

4. Countermeasures

- Create a website/platform for use in the United State and locally in Puerto Rico.
- Select a radius to search for products in nearby stores with the desired price.
- Recommend the average price of the product.
- Redirect the consumer to the product store or in the case of a local business without a website redirect the location and contact information.
- Restriction on how many products will recommend after the user bought to reduce scalping.

5. Check/Evaluate

- People in the United State or Puerto Rico have another option to search for good deals close to their location.
- Since it will "know" the normal prices of items it will ensure a safe price so the consumer can reach those stores.
- Recommendation per product will be limited, this will reduce scalper and bots.

6. Act/Standardize

- Work on keeping the average price of recommended items.
- Work on recommending the deals of items that are below the market average's price
- User feedback will be taken into consideration if possible and it aligns with the project it will be implemented.
- After the end of the project, the skills gained by the teams will be an invaluable experience in the development, planning and launching of a product.