Support through shopping Flex app

For Patients Seeking Awareness & Financial Support

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1. *Give a brief overview of what your app is:*

* This application is an e-commerce platform designed for individuals with disabilities or medical conditions, aiming to raise both awareness and funds for necessary medical procedures or expenses. By allowing these individuals to sell products, each purchase not only contributes financially but also educates a broader audience about various ailments.

1. *Describe the business problem your app solves:*

* Many rare diseases and conditions lack public awareness, limiting funding for research and making patients' financial burdens heavy. Traditional crowdfunding doesn't always resonate or ensure widespread education. This platform offers patients autonomy in managing their medical expenses and fosters a sense of identity beyond their condition. Every purchase also serves an educational purpose, bridging the knowledge gap about these ailments.

1. *What APIs, IF ANY, do you plan to use? Please list the API and what feature it ties to:*

* Banking system integrations will utilize Stripe **or** PayPal for secure transactions.

1. *What is your project's TECHNICAL wow factor? You need your project to stand out in some way. If you imagine presenting your project in an interview, what is the feature of your project you will be the most excited to talk about? That is your wow factor.*

* The application will feature dual counters: one highlighting the awareness impact, showing for every product sold, at least three individuals learned about the ailment; the other counter tracks each patient's individual financial goal, indicating funds raised and what remains.

# TECHNOLOGIES

* Front End
  + HTML, CSS, JavaScript
  + React.js, JSX, Axios, React-Router, Stripe API/PayPal API, EmailJS
* Back End
  + Python, Relational Database
  + Django REST, MySQL

# USER STORIES

**Unweighted: / 55 points**

**Weighted: /200 points**

**Capstone Total:**

**Weighted points + /50 points (presentation) + /25 points (UI Prototype & API ERD)**

Seller User Stories:

( /10 points ) As a client, I want to list and display my products on the website, providing detailed descriptions and uploading clear images, so that I can raise funds, awareness, and help customers make informed purchasing decisions.

( /2.5 points ) As a client, I want my financial goal progress to be automatically updated after every purchase so that customers can see how their contributions are making a difference.

( /2.5 points ) As a client, I want to showcase the broader impact we've had in spreading awareness *(in the form of a blog post in a separate page)* so that I can provide statistics or testimonials highlighting our educational outreach.

Customer User Stories:

( /2.5 points ) As a customer, I want to filter products by categories so that I can have a more refined shopping experience.

( /2.5 points ) As a customer, I want to sort products based on price so that I can find products that fit my budget.

( /5 points ) As a customer, I want the ability to provide feedback by leaving a product review after purchasing so that I can share my experience with future buyers.

( /10 points ) As a customer, I want multiple payment options, including credit/debit cards and PayPal **or** Stripe, so that I can complete my purchase seamlessly. (Paypal API **or** Stripe API)

( /5 points ) As a customer, I want to create a wishlist so that I can save and easily access products I'm interested in later.

( /2.5 points ) As a customer, I want to see the financial progress of the client I'm supporting so that I understand how my purchase contributes to their medical goal.

( /2.5 points ) As a customer, I want the option to donate directly, beyond purchasing, so that I can maximize my support to the seller.

*Developer Stories ----*

( /10 points ) As a developer, I want to have an aesthetically pleasing and intuitive user interface (UI) with all features of the application stylized so that my end users will have an enjoyable experience.

* (*CSS, Bootstrap, Material UI, etc.)*

# BONUS STORIES (POSSIBLE FUTURE FEATURES)

( /7.5 points ) As a buyer, I want to receive email notifications confirming my order after finalizing my purchase so that I can be sure of my transaction details. (EmailJS API)