



SHOPEE ULTRA-HACKATHON 2021

WRITE-UP AND SCREENSHOTS

Team Name:	Vietnamese Rice Farm
Group Number:	E1
Name of Group Members:	Tran Minh Duong (Harry) Teo Wei Jie Shaun Wong Ren Wei Ryan Weng Kexin

What are the product(s) or feature(s) that your team has built? Describe your idea below:

-Friends functionality: We currently store a backend list of friends for each user, allowing users to access their friends' wishlists and buy them gifts (see Wishlist functionality and Feed functionality). Due to hackathon constraints on time and resources, we were unable to implement an "Add Friends" functionality. In the future, this could be added.

-Wishlist functionality: Each user will have their own wishlist that he can add items to. Friends of the user will be able to see these wishlisted items and purchase them as gifts

-Feed functionality: Each user will be able to view a feed of their friends' wishlisted items. This feed is updated as new items are added to wishlists

-Future additions: Given more time and resources, we would like to add a notification functionality that allows users to be notified when the price of items in their wishlist drops.

How will your project add value and/ or make a difference to the Shopee users? Please explain in detail:

Our project adds value to Shopee users by allowing them to add friends on shopee, add items to a "wishlist" and browse their friends' wishlists to buy gifts for them. Our feed functionality allows users to treat each wishlist item more like a social media post, with addable comments.

A huge part of gift shopping for friends is buying items that people want but otherwise wouldn't buy. We wish to integrate this idea into the Shopee app via our wishlist functionality.

This will make a huge difference to the way that people will use the shopee app as it will evolve into something akin to social media, letting friends interact with each other by exchanging gifts and/or understand what their interests and hobbies are, thereby increasing user engagement.


What are your technology's strengths and/ or unique tech-stacks that your team has used in this project? Please elaborate:

The tech stack used by our team is ReactJS for frontend and Python Flask for backend (with SQLite), hosted on Heroku. Python flask in particular was chosen for backend due to its ease of use in terms of implementing a backend REST API. This would allow easy access from ReactJS in the form of HTTPS API calls. In addition, Python flask allows for smooth integration of our wishlist database into the backend server.

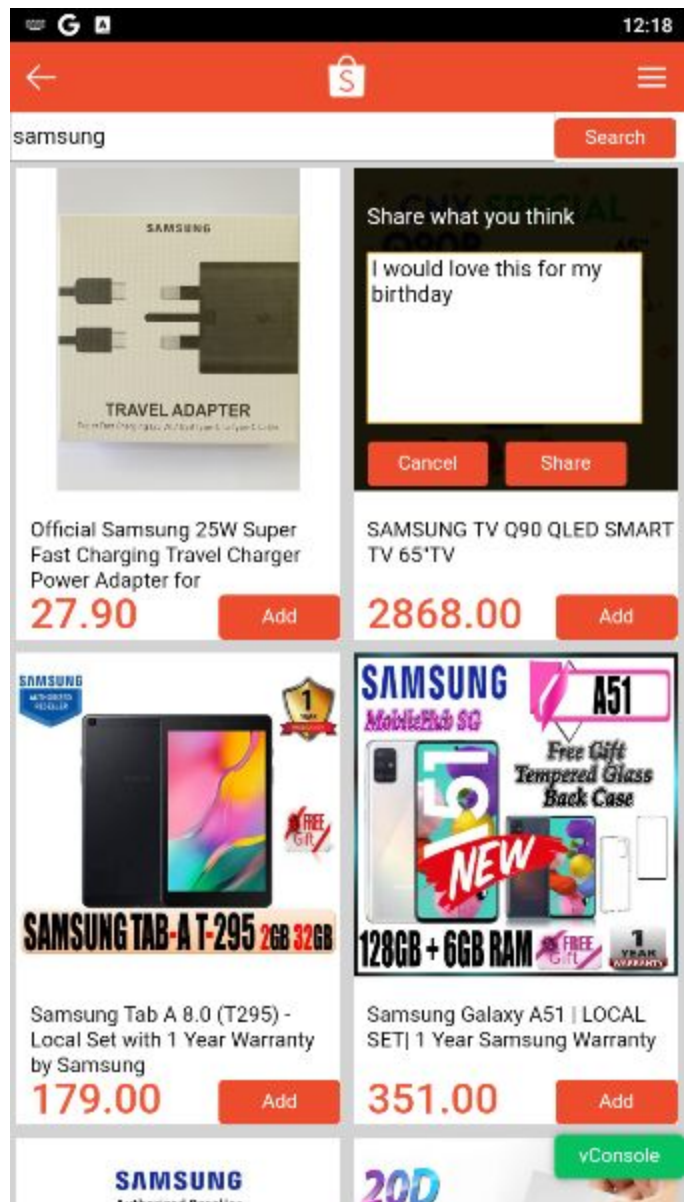
In conclusion, our technologies were chosen for their flexibility in development and to let us smoothly develop cross platform solutions for our application.

Attach about 4 to 6 screenshots of your application that clearly showcases your product(s) or main feature(s):

Note: Ensure that your screenshots are clearly visible and not too small

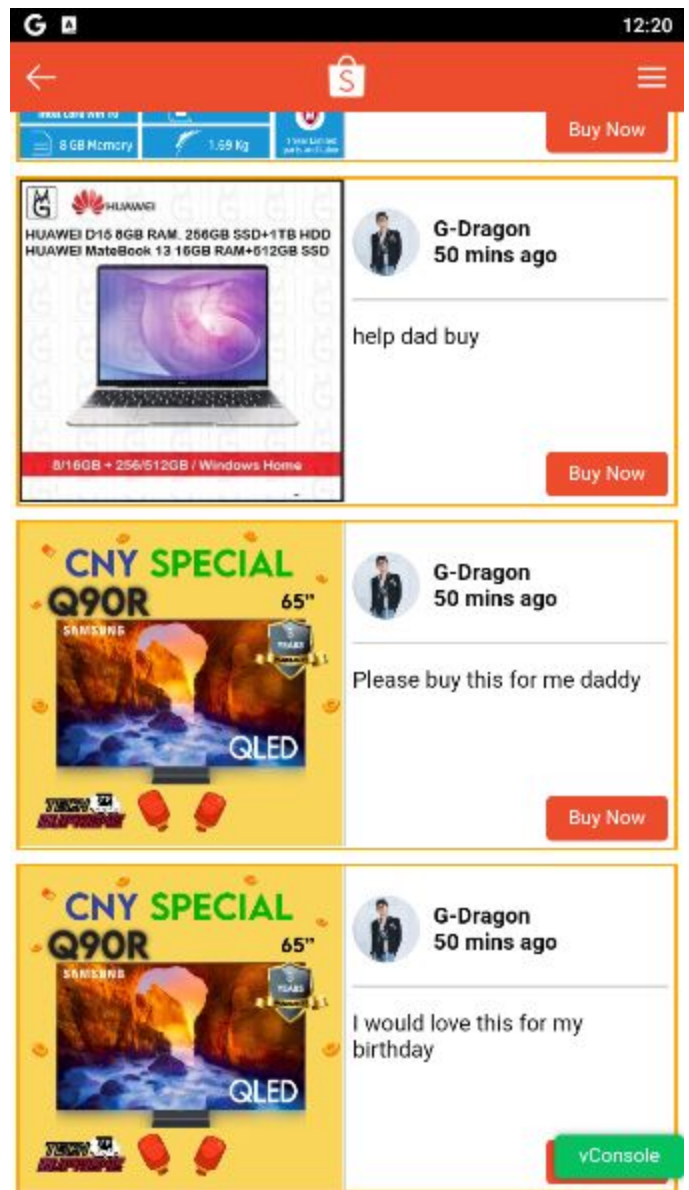
Description of product(s) or feature(s)	Screenshot of application (in .png or .jpg file format)
<p><u>Screenshot #1:</u></p> <p>Browse items on the Shopee marketplace</p>	

Add items from marketplace onto wishlist with a short caption (see top right box)



Screenshot #3:

View your own wishlist



Screenshot #4:

View feed of friends' wishlisted items

