

AI Beverage

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Technology Award

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Cheers to AI

A team of six ITE College West students developed an app that encourages healthier drinks without sacrificing flavour.

Using AI, users input ingredients and flavour preferences, specify sugar levels, and receive custom recipes with visual guides. The app also suggests substitutions and mixing techniques via an assistant.

Innovators' Inspiration

"We noticed that people are drinking a lot of sweet drinks. We wanted to use technology to help create something to encourage people to make healthier choices. It also has to be easily available for public use and suggest recipes that taste good. That led us to come up with this app to help people create delicious drinks using ingredients they already have and tailored to individual preferences."

- Azrullah Bin Jamilludin

What's So Special?

- The team used a no-code app builder and AI technology to simplify the creation process.
- As ChatGPT might suggest impractical recipes, the team refined prompts for the app so it sources recipes only from reliable online databases, resulting in drinks that are palatable and easily to prepare. They also taste-tested app-generated recipes to sift out those that do not taste good.
- In addition, the team collaborated with a hotel from an international chain to pilot the app. Guests could input their preferences, upon which the app would generate one of four customised mocktails that best suited their tastes, which they could then present at the bar to redeem their complimentary drink.
- Looking ahead, the app can be further refined and customised to meet the needs of different clients.