Aumo - digital receipts from the future

Simo Aleksandrov   Lyubo Lyubchev

Abstract

Tons of paper receipts are produced and then immediately thrown, for the creation of which is used **BPA (Bisphenol A)**, a human toxic chemical. Thousands of forest decares need to be cut down, as wood is another main component, required for the creation of paper receipts.

Aumo is a mobile application, accompanied by a hardware device and a web server, which aims at removing paper receipts by replacing them with a digital equivalent. Receipt printers of shops and restaurants will be equiped with **Aumo**. Clients will take their digital receipts by approaching their phone (through our mobile application) to **Aumo**, by establishing a connection via NFC (Near-Field Communication) technology.

Incentive for using the digital receipt, as opposed to the paper alternative, will be points which users receive when choosing **Aumo** over the traditional receipt. Points can be exchanged for bonuses, which can either be discounts or physical items, provided by the shop or restaurant.

The project has applicational nature, it is still under development and belongs to the IT field. The idea was conceived by Simo Aleksandrov and was realised by both of the authors.

Introduction

Aumo is ...

Gallery

...

How it works

...

Technology stack

- go

- js
- mysql
- redis
- docker

Conclusion and future