

AOSCC 2019:

Anthon

Online

Shopping/Souvenir/Service/etc.

Center

Presents – AOSC Bazaar



What is a Bazaar?

bazaar | bə'zär |

noun

a market in a Middle Eastern country.

- a fundraising sale of goods, typically for charity.
- *dated* a large shop selling miscellaneous goods.

ORIGIN

late 16th century: from Italian *bazarro*, from Turkish, from Persian *bāzār* 'market'.

(From New Oxford American Dictionary)



Why do we need a Bazaar?

- Lots of item/service exchanges in community
- Knowing that members have something to share is difficult
- Selling and requesting for aid can flood our channel



Why do we need a Bazaar?

Anthon Optical Storage Center Presents

- Lots of item/service exchanges in community
- Anyone want some AOSCDisc full of retired packages?

Stickers Stickers Stickers

share is difficult *S. aureus chow mein* on sale!

Free Chinese Education! English, Spanish, Japanese, Salted-fishese also taught here!!



What is needed to build a Bazaar?

- Items/Services that needs exchange
- Account system with communication capability
- Website backend for data processing
- Web UI for automated process



What do we have already?

- Items/Services that needs exchange
- Account system with communication capability
- Website backend for data processing
- Web UI for automated process



Bazaar Trading Process

1. Registered user make a posting on Bazaar → Posting UI System
2. Anyone interested decide to reply → Communication system
3. Establish two-way communication
4. Complete transaction off-platform



UI Design and Demo

- Ref. 2018 April Fool – AOSC Repo
Distribution Website
– <https://s.aureus.ga/Bazaar/>
- Alternative design styles are welcome



Bazaar Design

- REQUIRED functions
 - Authenticate (with LDAP)
 - Posting
 - Display posting
 - Modify existing posting
 - Communication (E-mail or Telegram)
 - What else?



Bazaar Design

- RECOMMENDED functions
 - Search posting
 - Image upload for posting
 - Visual (WYSIWYG) Editor
 - HTML/MD/LaTeX/etc. Editor
 - What else?



How to get started?

- Starting from design documentation
 - GitHub Collab Project
 - Test server is available – contact me
 - Backend: CGI + SQLite DB, modularized
 - Frontend: ???
 - Security auditing?



Discussion: How about Payment?

- Basic principle: this platform does not have payment processing capability.
- Alternatives: we may list which payment method the poster/the inquirer accepts (CC/Paypal/Venmo/WeChat/Alipay/etc.)
- Risks of presenting the payment info?



Thank You!

Any questions shall be directed to *S. aureus*
Telegram @Staph or e-mail as shown below

