

Comparison of Data Usage Policies and Practices of E-Commerce Sites in Bangladesh

CSE487(3) : Cybersecurity, Law, and Ethics

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Data Collection

- All of the companies collect the personal information like email, name, financial information (debit/credit card information) during payment, phone number and others
- Collects IP address: Daraz, Pickaboo, Othoba, Blkroy and Rokomari.
- Daraz, chaldal, Othoba, bikroy collect browser type and browsing data.
- Othoba.com tracks previously visited page along side the next visited page.

Company List



1. Daraz.com.bd
2. Pickaboo.com
3. Chaldal.com
4. Othoba.com
5. Bikroy.com
6. Rokomari.com



Data Use Policy

- Mainly all the companies collect data for improving services
- Pickaboo collects data for observing the behaviour of browser and OS.
- Financial information is collected for fraud detection and safe transaction.
- To know user interest (Rokomari.com)
- To troubleshoot problems (Othoba.com)

Data Security

- Pickaboo encrypt the data using SSL.
- Othoba offers secure server when user want access to their accounts.
- Rokomari has its own physical, electronic and managerial procedures.
- Bikroy.com also ensures data protection but chaldal didn't mention that much information about it.



Cookies

All of them collect cookies for personalize and ads.

Cookies collected by Othoba.com doesn't contain personal informations.



Collects the Data Needed

- **Collects only necessary Data:**
 - Chaldal.com, Rokomari.com, Bikroy.com
- **Collects some extra data:**
 - Daraz, Pickaboo, Othoba
 - They collect IP address and financial informations.

Children's Policy

- Daraz and chaldal has age policy of 18 years old.
- Other companies didn't mention about age policy.



Opt Out Option

- Opt-out option is available for all the companies.
- Pickaboo doesn't delete data permanently, but disable the account.
- Daraz delete the data after 15 days of the opt-out request.

Data Edit Option

- Except Rokomari and Othoba.com, rest of the companies mentioned about data edit system.
- Pickaboo and Blkroy.com has their own support team.

Third Party

- Except chaldal.com, all of the companies are involved with third parties directly.
- Bikroy.com and Daraz do not sell data without users permission.
- Bikroy.com and Rokomari.com exposes all the third parties list.



Comparison

- ❖ Othoba and Pickaboo gives more specific explanation about security than others.
- ❖ Data collection policy is almost same for all the companies.
- ❖ Except bikroy.com, no company mentioned the list of the third parties.
- ❖ Almost all of the companies do not want take responsibility of third parties.



References

- [1] "Privacy Policy — Daraz." <https://daraz.com/privacy-policy/> (accessed Aug. 15, 2022).
- [2] "Privacy Policy | pickaboo.com." <https://www.pickaboo.com/privacy-policy> (accessed Aug. 17, 2022).
- [3] "Privacy policy - Online Grocery Shopping and Delivery in Bangladesh | Buy fresh food items, personal care, baby products and more." <https://chaldal.com/t/PrivacyInfo> (accessed Aug. 19, 2022).
- [4] "Terms and Conditions | Othoba.com." <https://www.othoba.com/terms-and-conditions> (accessed Aug. 20, 2022).
- [5] "Privacy Policy | Bikroy.com." <https://bikroy.com/en/privacy> (accessed Aug. 21, 2022).
- [6] "Rokomari.com: Privacy Policy." <https://www.rokomari.com/policy> (accessed Aug. 23, 2022).