SocialData: Owning Your Social Platform Data

Client: POCIANET LLC
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Project Elements: Significant Front-end components, Significant Back-end components, Significant data storage and data relationship needs, Social platform (Facebook, Instagram, X) APIs; Network Programming
Technical Constraints: Flutter/Dart should be the development framework/language
Resources: NA

Project Description

Nowadays, the mainstream social networking platforms collect, own and control their users' data. This leads to many issues such as user privacy, data security, and economic unfairness (the social network platforms make great profit from exploiting the data but users cannot get any share of it). Towards addressing such issues, this project is to develop a Flutter Mobile App for the users of the mainstream social networks (such as Facebook, Instagram, and X) to fetch and store their data (including personal profiles, posts and activities) in their own storage (local storage or cloud), and may delete the data from those social platforms after a certain period of time (similar to SnapChat) if the users prefer. The self-stored/managed and integrated (from multiple platforms) data can be used by the users to make profit (by selling their data) and/or cherish their memory (after they are deleted from the platforms).

Client Questions

No

Is this Research or Development Work? development (some research

Is there enough work for 5 students? Strongly agree

Mark if True:

Requirements - i.e. what is to be done is very very clear

UG or G project: Undergraduate Senior Design project