Lifelong Learning by SWITCH

The edu-ID is a secure, government-backed electronic student identity provided by SWITCH and used by a majority of universities and institutions of higher education in Switzerland, as well as by a variety of other organizations. However, there is room to access the unused potential and build a whole ecosystem around this one login realizing the leverage of the already adopted framework.

Our project comprises a collection of service ideas that could be centralized in a Super App accompanying students through their university life and beyond. The goal is to facilitate the academic journey, remove friction in the student's everyday life and enable users to have an overview of and a centralized access to administrative and learning portals. The main idea is to use the SWITCH edu-ID as a wallet to centralize services offered by universities and other institutions in Switzerland and abroad in a single app from which the entire university community can benefit. The focus is set on the "during university" and "after graduation" phases of the lifelong learning journey from a student and alumni perspective.

Business Model:

- Super App combining a wide variety of services and features thus enhancing the existing ecosystem from which various stakeholders can benefit.

- Universities pay a fee for the used services.

- Small fee for companies to post job listing on SWITCH network, in return for guarantee of verified data of student applicants.

- Ethical reason to not charge students for basic functionalities, since students should not have to pay for something that they *need* to use.

Enhancement & leverage of the SWITCH edu-ID with a 4 Pillars Model

1. **Aggregation of university logins & accesses**: (Focus on "during university" phase)
   This 1st step enables the creation of a secured wallet app containing grouping various kinds of information, logins, accesses, documents and so on.

   a. Interface layer to wrap all university logins under a single edu-ID login on the front for users (Use case example: ETH has 2-3 different logins with the same username and login, whereby the interface layer would ensure the login page

would have a small flag to tell the interface layer which account to use for authentication. This solves the problem of forcing system administrators to rewrite their legacy systems.)

b. Passwordless authentication to university's intranet & cloud services, since the edu-ID login is used as master key.

c. Secure storage & linkage of authentic study records (Use case example: Applying to job listings by companies on SWITCH network, this system will transfer student information that the companies can be sure are real and correct.)

d. Wallet app: Emulates functionality of student cards by allowing for temporary access to buildings (in the context of events such as conferences, summits, seminars), printers, PoS payment in other universities through information sharing via the SWITCH network.

→ Two different approaches: 1. Scannable QR code at locations where temporary access can be requested. 2. Temporary access given by staffs at info points, includes the human factor.

2. **Lifelong Learning Experience**: (Focus on "after university")

a. Lifelong access to previously attended classes/courses.

b. Indefinite free library access to books and materials provided in the courses.

3. **Alumni Network & Services**:

a. With every student having edu-ID, universities can reach out to every Alumni and easily organize Alumni events. (Use case example: Sending out invitations for annual Alumni Ball)

b. Networking between Alumni - For meetups and job opportunities.

4. **Beyond the Campus Networking**:

a. Enable stakeholders outside the network to interact with and benefit to members of the SWITCH edu-ID Network. (Use case example: Enable companies to post their job offers, knowing that the information on the network can be verified and thus authentic.)