



DigiEduHack Solution Singapore - SUTD Challenge: Enhancing the learning experience within a Physical Classroom Environment

Skilio

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Team: Skilio

Team members

Tan Jia Song Felix, Ho Zhi Hui, Dody Senputra

Members roles and background

Felix Tan - Founder, CEO

- 5 years of experience in youth training & development
- Entrepreneurship trainer at Reactor
- Certified Team Effectiveness Facilitator

Ho Zhi Hui - Co-Founder, COO

- Psychology undergraduate
- StrengthsFinder Certified coach

Dody Senputra - Co-Founder, CTO

- Full stack developer
- Entrepreneurship facilitator at Reactor

Contact details

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Solution Details

Solution description

Skilio is a “LinkedIn” for students’ soft skills development. Skilio enables students to collaborate, measure and track their soft skills development in the group projects they do in school.

We believe that digitisation can be leveraged on, coupled with social nature of learning, soft skill development can be something that is nurtured and tracked.

Solution context

With automation and disruption, the skills sets required in the future workforce have shifted drastically. Companies are now looking for individuals who possess a healthy blend of soft skills and hard skills. In fact, the 2019 Global Talents Trend Report by LinkedIn, highlighted that HR professionals in companies think that “soft skills matter as much or more than hard skills”. Soft skills is also ranked as the number 1 trend that is important to the future of recruiting and HR.

Yet, there is still a lack of emphasis by schools in educating students on soft skills competencies. Soft skills are being taught in a passive way in school, where they hope students learn these skills through once-off activities or camps. However, we feel that schools need to be more intentional with incorporating soft skills education in their curriculum.

Solution target group

Tertiary institutions and students. Schools can measure and use soft skill insights to make data-driven approaches to improve curriculum.

Solution impact

Our in-house algorithm is used to measure soft skills involved when the user enter an experience. From there, we want to be able to provide users with insights on what they have done well, which areas they can further improve on and how much they have grown from their previous experience. These allow the user to be aware of their soft skills competencies and encourage them to strive to further improve themselves.

We measure impact by making use of a longitudinal approach to observe increased acquisition of behavioural competencies over time. These are in the form of observable and objective actions which are indicators of soft skill development of the individual.

Solution tweet text

A platform to help students and schools measure and track soft skill development.

Solution innovativeness

We make use of Natural Language Processing (NLP) to pick out soft skill insights from their qualitative input. Personality tests are available, yet not for behaviour-driven assessment approaches.

Solution transferability

Our software can be run as long group-based interaction is evident. Companies can use this as a hiring tool, while training companies can use this as a tool to base their intervention programmes on.

Solution sustainability

We plan to launch our actual product at the end of this year, and subsequently partner with more insitutions in the subsequent year, with the intention to expand overseas.

Solution team work

A team with a common, collective vision motivates us to commit to Skilio's vision in the long run. Remembering why we started gives us the energy and passion to scale Skilio to greater heights.