

PROPOSAL

By

TAGHIVE INC.

2019

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1. OBJECTIVE:

This is a proposal from *TagHive Inc* to implement the Class Saathi desktop solution across 100 schools in India based on its successful engagement (with HCL Foundation) to implement the solution in 5 schools in Hardoi district in Uttar Pradesh.

2. BACKGROUND:

2.1 TagHive:

TagHive's clicker solution has been successfully launched in Korea and successful pilot tests have been done in Varanasi earlier this year. The clicker solution is a boundless and recurring learning platform that has the power to increase learning outcomes. This solution was also shown to the First Lady of Korea during her visit to India last year. For more details on TagHive and its founder, please refer to **Appendix 2**

2.2 Hardoi Engagement:

TagHive has engaged with HCL Foundation under its Samuday Project since February 2019. As part of this engagement, HCL Foundation introduced the desktop version of the Class Saathi solution in 5 schools of the Kachhauna block in Hardoi district in UP. They also did an initial clicker testing process inside the classroom with 25 students of Primary School Suthena and 33 students of Primary School Samaspur. These students were in the age group of 6-7 years.

HCL Foundation has put together a case study on the efficacy of the Class Saathi solution in saving time, resources and cost in conducting assessments. They have found the clicker solution to not just be cost efficient but also energy efficient as compared to traditional paper assessments.

For some classroom images of this engagement, please refer to **Appendix 1: Images**

3. PROPOSED OUTCOMES:

The CCE (Continuous Comprehensive Evaluation) as mandated by the RTE Act requires schools to conduct continuous evaluation by means of small assessments throughout the academic year. The Class Saathi clicker solution will allow teachers to

- Conduct hassle-free formative assessments on a regular basis
- Have access to students' learning outcomes in real-time
- Create lesson plans in accordance with student learning needs

- Identify slow learners and suggest remediation

Apart from the aforementioned, the Class Saathi solution will also help with the following

- Tracking attendance
- Decreasing drop-outs
- Increasing learning outcomes

4. SCOPE:

The scope of this proposal extends to but is not limited to 100 schools across the country.

5. KEY DELIVERABLES:

5.1 Key Deliverables: TagHive

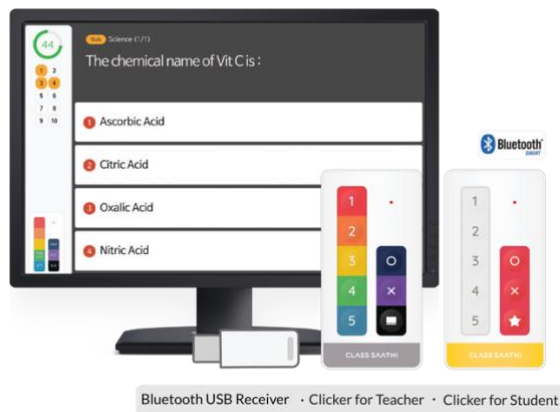
TagHive Inc. is the technology provider is responsible for the -

1. Provision of the Class Saathi desktop solution
2. Provision of the hardware 'Clickers'
3. Training to the on-field implementation staff

6. COMMERCIALS:

The clickers are currently priced at \$440 for 40 clickers . This is a one-time cost and includes the software, content and one-time training cost.

Appendix 1: Images



*Class Saathi - Hand Held Remote for Student & Teachers
& Smart App for Teachers*



Appendix 2: Founder Biography



SUMMARY:

Mr. Pankaj Agarwal is the CEO at TagHive - a Samsung spin-off on a mission to make kids play and learning experiences more creative, social and fun. He is an inventor on over 50 international patents and was selected as one of the Top 10 Innovators in India in 2017 by MIT Technology Review.

Prior to TagHive, Mr. Agarwal was with Samsung Electronics where his decade long career spanned across several professional capacities – hardware circuit engineer, strategic innovation manager, and an advisor to the CTO of Samsung.

Mr. Agarwal is also the founder and Chairman of the IIT Alumni Association of South Korea. He is also a trained magician and is fluent in Korean. He has a Bachelor of Technology degree in EE from IIT Kanpur, MS from Seoul National University and an MBA from the Harvard Business School.

MISSION:

To leave behind a legacy for future generations. I believe we are all guests in this world, and that we are here for a purpose. I would like to contribute my bit in making this world a better place.

CAREER HIGHLIGHTS:

- Inventor on 50+ International Patents
- Winner of KOICA's CTS Program in 2018
- Winner of MIT Technology Review's "Top 10 Innovators (INDIA) Under 35"
- Chairman of IIT Alumni Association in South Korea

EXPERIENCE:

'17.04 ~ Now *CEO & Co-Founder, TAGHIVE* [Samsung Spin-off, www.tag-hive.com]

- Leading a team of 6 to boost kids' play and learning experiences
- 18 IPs filed, 7 registered patents, 2 Products Commercialized and 2 more in pipeline

'16.01 ~ '17.03 *Creative Leader, SAMSUNG ELECTRONICS*

- Led TagPlus Project: an IoT (Internet of Toys) solution for kids – **Launched in CES 2017**

'14.05 ~ '15.12 *Advisor to the Chief Technology Officer, SAMSUNG ELECTRONICS*

- Worked directly with the CTO to advise him and his team of executives on R&D typologies, portfolio management & world class talent management
- **Led the set-up of Advanced R&D labs for Samsung in South West Asia Pacific Region;**

'12.06 ~ '14.04 *Manager, Future Innovation Team, SAMSUNG ELECTRONICS*

- Pioneered NODE (~\$1M project), an open innovation program
- Proposed, led the set up and ramp up stages of award winning Samsung FARM - a rapid prototyping facility that turns ideas such as "flying TV" and "under-water display" into reality in less than 48 hours;

'06.08 ~ '10.06 *Engineer, SAMSUNG ELECTRONICS*

- **Filed 10 patents** spanning fields such as circuit topologies, wireless power transfer, and 3D technology; also received **Value Engineering Black Belt** certification

EDUCATION:

'10.09 ~ '12.05 **HARVARD BUSINESS SCHOOL**

MBA degree, Fully Sponsored by Samsung – First international employee to receive this honour

'04.09 ~ '06.05 **SEOUL NATIONAL UNIVERSITY**

Master of Science degree in EECS

'04.09 ~ '06.05 **INDIAN INSTITUTE OF TECHNOLOGY, KANPUR**

Bachelor of Technology degree in Electrical Engineering