Project Svādhyāya
Learning continues...

Interruption, probably one of the least liked word in modern dictionary. On a disruptive situation like this, interruptions come with their own companions. Home becomes new office, gadgets are new tool, classes become virtual. Learning gets its new dimensions like e-learning, home schooling and virtual learnings are common terms those days. Like many other segments of our life, education is also facing challenges like never before. The current situation has disrupted the offices, the schools and many more.

However, for a fast-paced world, **interruptions** are often seen as **opportunities**.

Time to respond: We cannot just let it stop us. For the young learners, learning shall not be interrupted. It should continue at any cost. An interruption free learning system is the need of the hours. If you believe in technology, welcome to uninterrupted world of learning.

Welcome to Project Svādhyāya!

Overview

Project Svādhyāya, is teacher, student and parent collaboration platform. The platform aims to help student in their self-studies. For any queries, questions or even for doubts, they can right away reach out to their teacher for a quick answer. This ensures the continuity, in their self-study sessions, through a virtual interaction with their teacher. It is a challenge to meet the teachers, face to face, due to increased mandate for social distancing and stay at shelter norms. Basically, through experts and parents, students are provided with right information at right time, for an uninterrupted learning session.

Objective

It is common those day that students can learn from virtual classes, online resources at any time. However, self-study also is a vital part of learning process. Through Project Svādhyāya, students get the right information on right time, right in front of them.
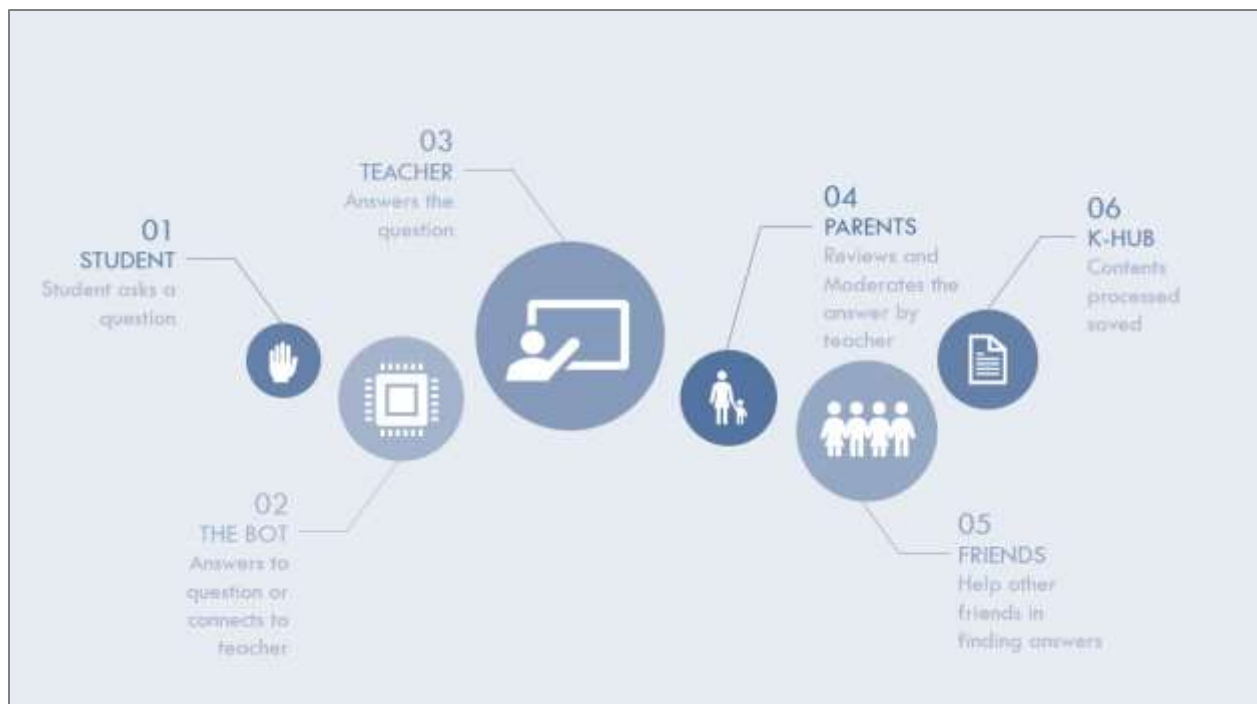
Putting them together as an enabler

Knowledge hub aka the core of the system is built through teachers-student, student-student interactions and moderated by well-trained machine learned models and parents. This ensures authentic source of information and moderated contents are served to students under a virtually supervised environment.

Share, collaborate and build

Students ask questions to intelligent BOT. In the event BOT does not have sufficient information, it connects the student with respective teachers. A teacher then responds to the question. All the responses are processed and moderated by the system. In case, manual review required, the content is sent to parents for approval. Once the content is verified, it is added to the knowledge hub. A student can discuss problems with other students by means of group studies. All the group study sessions are moderated by one of the parents in that group.

How technology is savior at this point

It is possible with wide range of technology stack under a single box with easy to configure for any future need that are made available to us. Those set of products not only help us in responding to any situation in a fasted way but aslo guratees the avilability and reliability of the solution that are buildt on top those.

A few from our initial picks

- IBM Watson Assistant - The intelligent chatbot engine
- IBM Watson Discovery - The ultimate answer data source
- IBM Cloud Functions - The serverless execution
- IBM Cloud Foundry App - The deployment server or cluster
- Node js - The client framework used

Join us to help build it

We just getting started, join us at GitHub.

Let us know what you think

Awaiting your valued feedbacks, suggestions, again at GitHub.

Thank You!