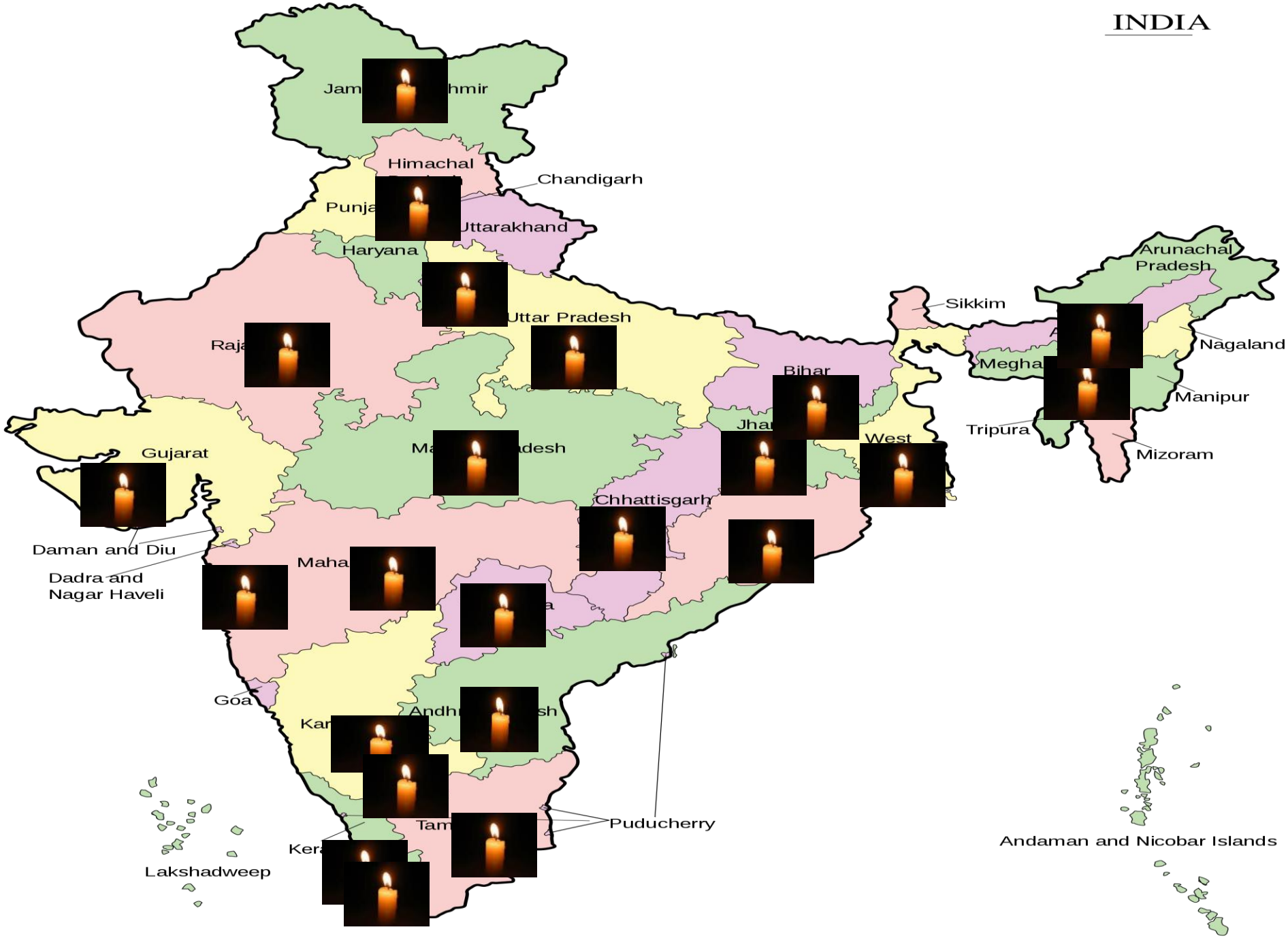
Bridging Gap between Schools & Technology

Unburden Your Schools

Syed Shahid Ali Afser

Tech Lead, IBM


INDIA
Himachal
Chandigarh
Uttarakhand
Haryana
Uttar Pradesh
Sikkim
Arunachal Pradesh
Nagaland
Manipur
Tripura
Mizoram
Bihar
West
Gujarat
Chhattisgarh
Daman and Diu
Dadra and Nagar Haveli
Goa
Puducherry
Lakshadweep
Andaman and Nicobar Islands

15th AMC 2019

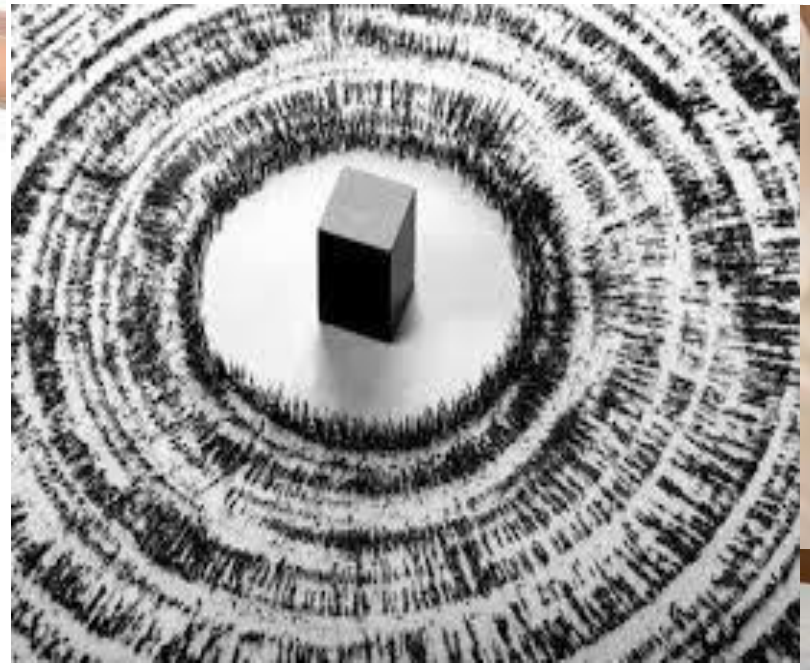
BRIDGING THE GAP

BY CONNECTING, ENGAGING & CONTRIBUTING

13th, 14th & 15th December, 2019 @ Delhi

Register online @ https://bit.ly/2Ph0djG

CARE



Technology to expedite day-to-day jobs

Millions of Indians use Cleartax

- Upload Form-16 and you are done e-Filing
- ClearTax supports all ITR Forms
- e-File in 7 minutes for Free
- 24x7 customer support just for you
- Maximize deductions with out CA assisted plans
- Keep track of your refund

Technology helps in

✓Ease our operations

Inception of Technology

Some of its additional benefits are mentioned here for your easy understanding:

(1) As the process goes smoothly and accurately, it significantly reduces time and attendance recording costs.

(2) Collects accurate on-line information about an employee's presence i the office and thus, eliminates employee time fraud problems.

(3) It generates various reports based data on a variety of criteria.

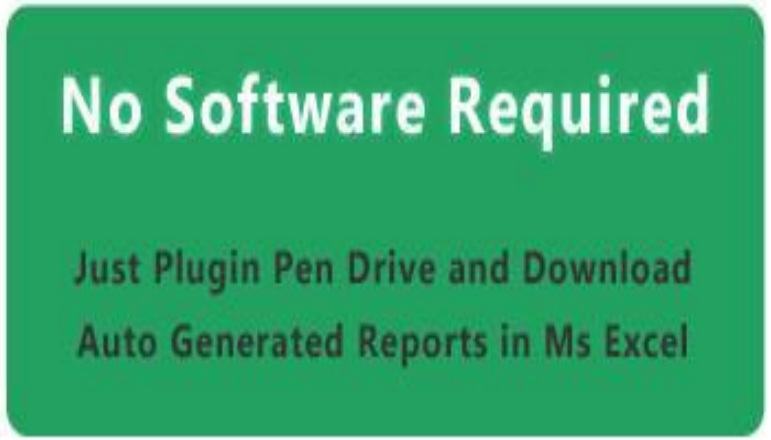
(4) It can be easily integrated to the existing payroll system.

(5) It creates a good company culture and improved regulatory compliance.

(6) It provides reliable accuracy and increases productivity and eliminate errors.

(7) A good compliance for insurance requirement about total hours worked by employees, full- and part-time employees, etc.,. Further the records can be made internet cloud based.

(8) A Biometric system provides the highest level of security, -- it is impossible to punch in or out for somebody.



Digital Transformation

Traditional SMS

CHANGE IS CONSTANT

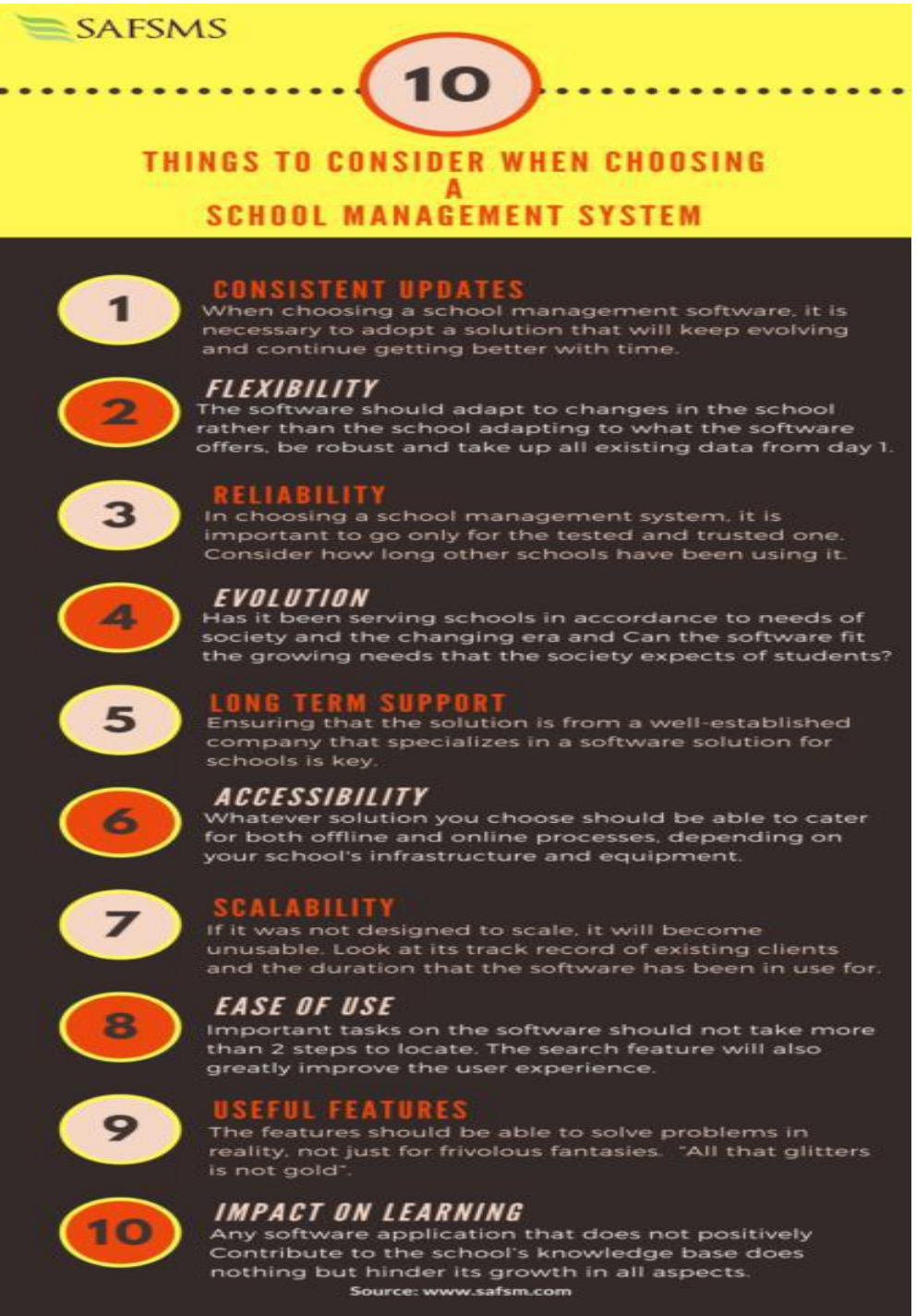
Digital SMS

Is this digital transformation a burden?

Reasons for burden

- ✓Hurry Decisions
- ✓Users are not trained
- ✓Attempt to digest in one go
- ✓Buggy software
- ✓Improper support
- ✓Dependencies
- ✓Lack Focus
- ✓Used to punish people
- ✓System or Process is not carefully deployed.

Smooth Transformation



Any other considerations?

- ✓ Ethical values
- ✓ Secured
- ✓ Sharia compliance

School Management System

Legacy & Existing

- Challenges
- Other's experience
- Ad's

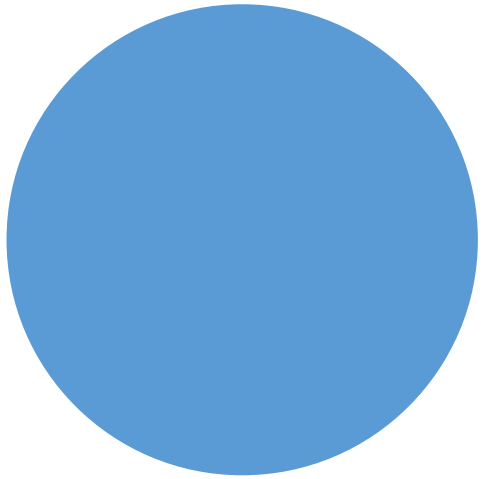
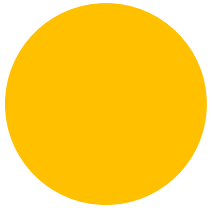
Collaboration

Technologist
- ✓ Solution Architects
- ✓ ....
- ✓ ....

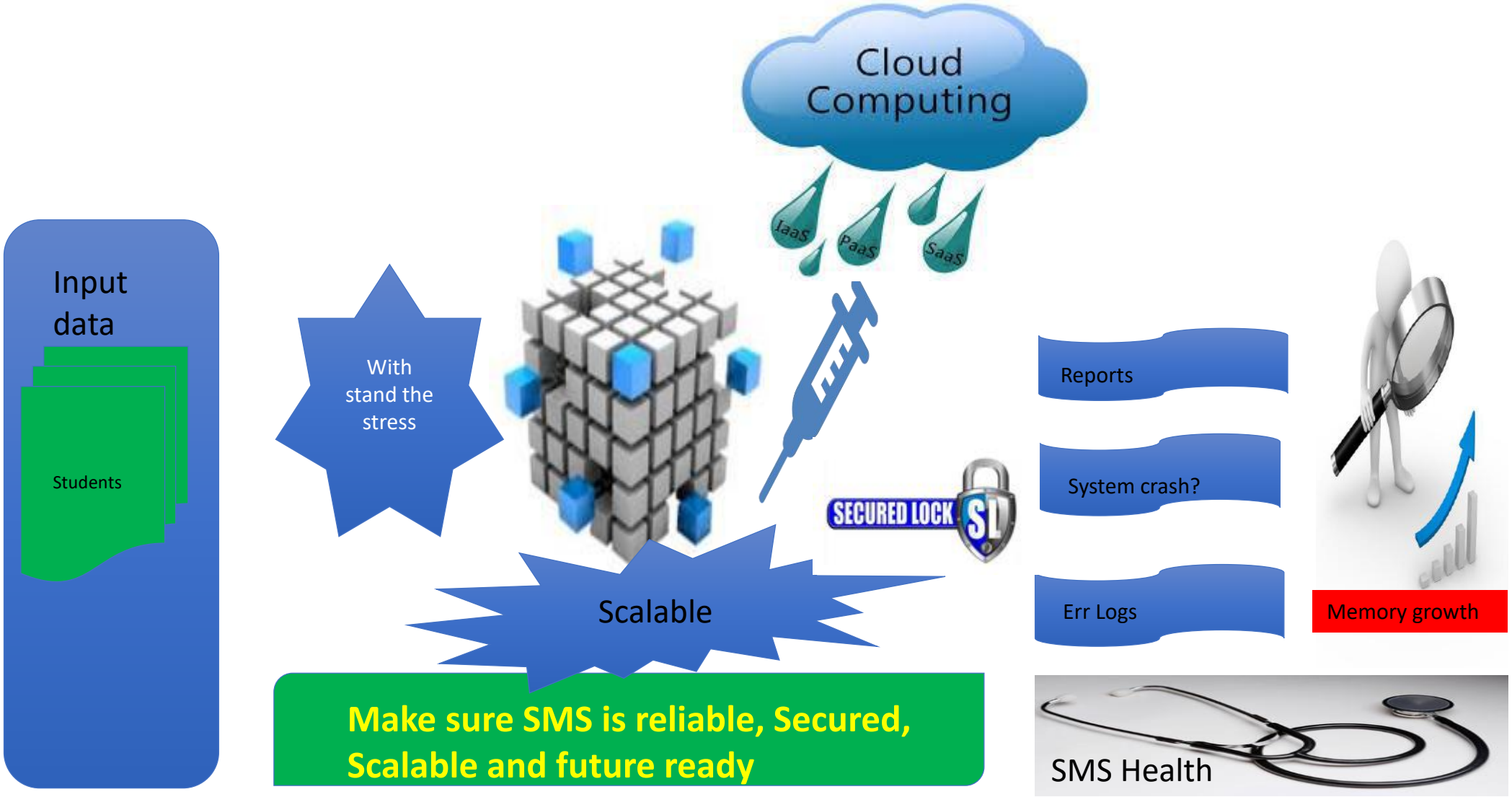
Stake Holder feedback
- ✓ Parents
- ✓ Staff
- ✓ Students
- ✓ Management
- ✓ Admin

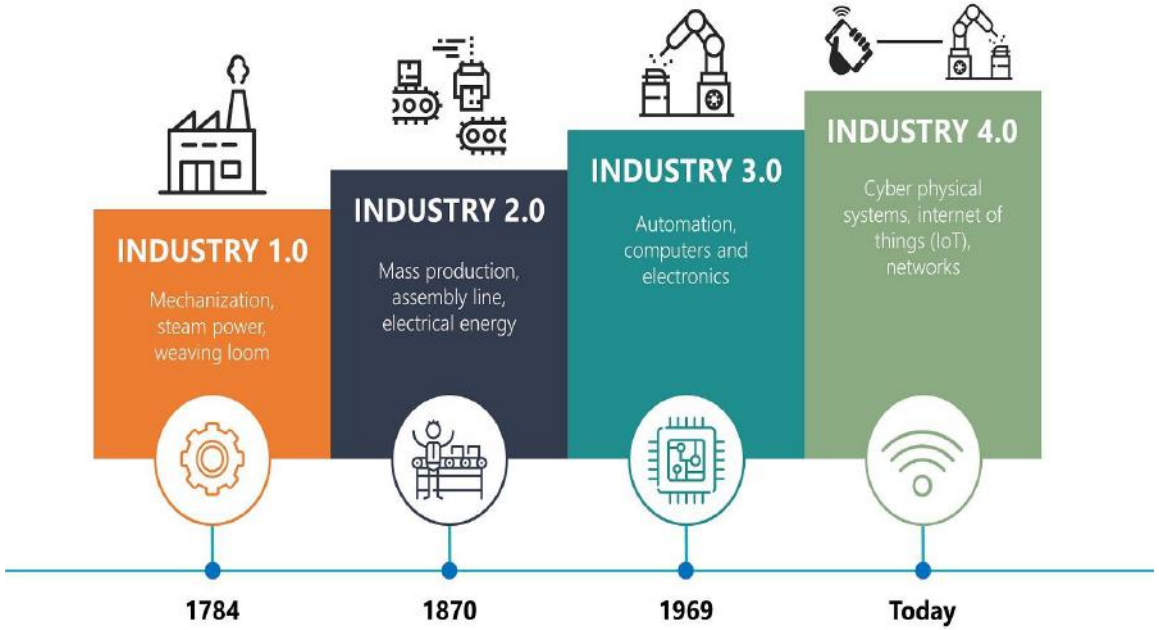
Conversations Matter

How can we engage ?

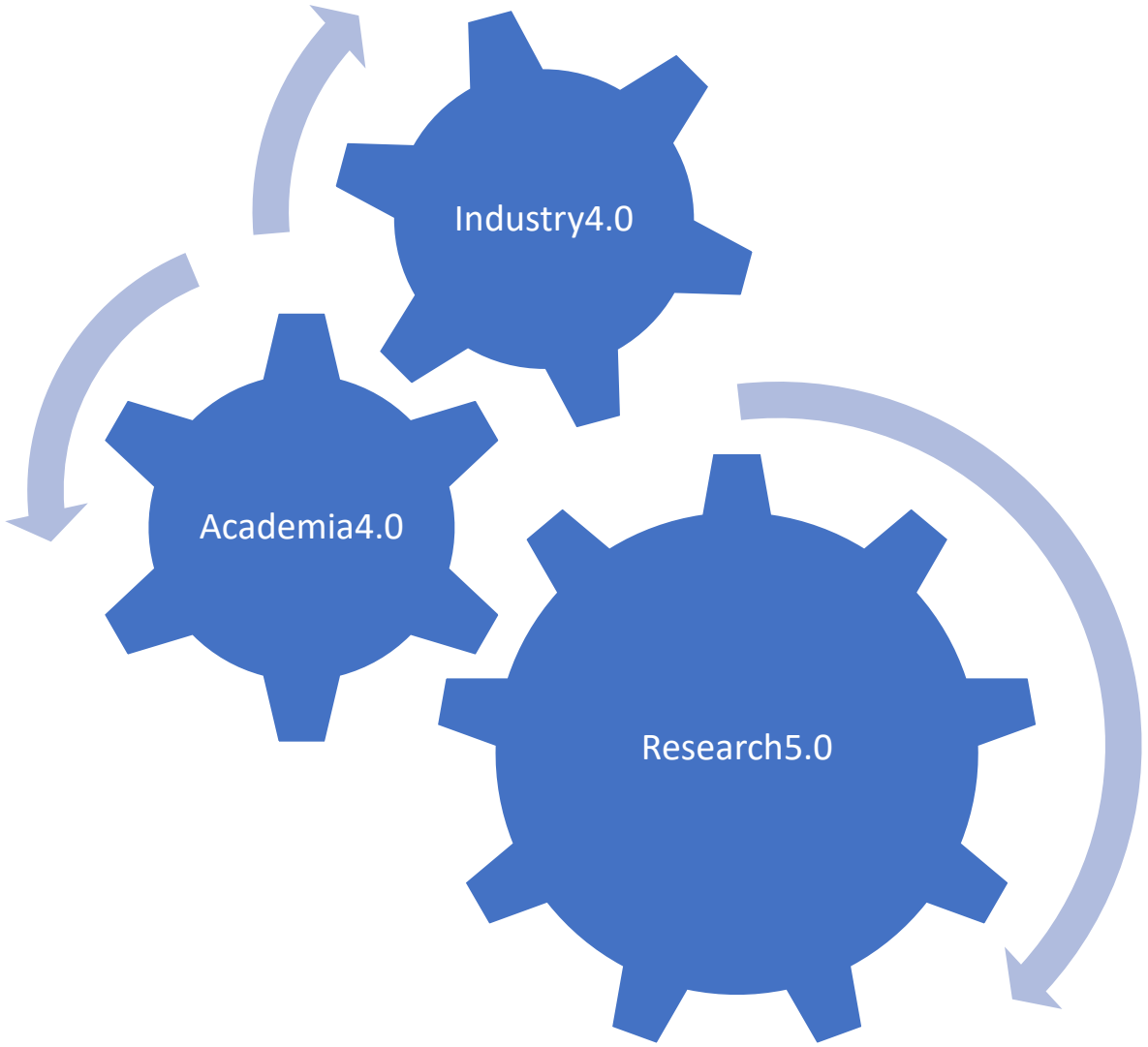



Data is New Oil?


Cloud Computing
IaaS
PaaS
SaaS
Input data
Students
With stand the stress
Scalable
SECURED LOCK
Reports
System crash?
Err Logs
Memory growth
Make sure SMS is reliable, Secured, Scalable and future ready
SMS Health


INDUSTRY 1.0
Mechanization, steam power, weaving loom
INDUSTRY 2.0
Mass production, assembly line, electrical energy
INDUSTRY 3.0
Automation, computers and electronics
INDUSTRY 4.0
Cyber physical systems, internet of things (IoT), networks
1784
1870
1969
Today

Industry 4.0
Big Data and Analytics
Internet of the Things (IoT)
Cloud Computing
Simulation
Cibersecurity
Additive Manufacturing
Horizontal & Vertical Integration
Augmented Reality
Robotics


Industry4.0
Academia4.0
Research5.0

Some examples

AR in Education

- https://www.youtube.com/watch?v=CU_SQ8TZDyk
  - Learning astronomy
  - Learning anatomy
  - Learning geography

Watson Teacher Adviser

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RESEARCH & DEVELOPMENT

MFIRD
MILLAT FOUNDATION FOR INDUSTRY
RESEARCH & DEVELOPMENT

جزاكم الله خيرا

AVRooms

Meeting Software

- Lifesize. Our Score 9.0. User Satisfaction N/A. ...
- Skype. Our Score 9.0. User Satisfaction 98% ...
- Zoom. Our Score 8.9. User Satisfaction 99% ...
- Cisco WebEx. Our Score 8.9. User Satisfaction 96% ...
- GoToMeeting. Our Score 8.8. ...
- HighFive. Our Score 8.7. ...
- Zoho Cliq. Our Score 8.7. ...
- HipChat. Our Score 8.6.