

# Unveiling The Virtual Classroom: An In-Depth Analysis of The Online Education System

## **Problem Statement**

Analyse the various aspects of online education system such as its strengths, weaknesses, opportunities and challenges to build useful insights to make it more effective and accessible.

## **Business requirements**

- Student feedback on the system
- Teacher feedback on the system
- Analysis of the feedback

## **Literature Survey**

A form of online education system imparted earlier and followed still is telecasting educational programs over radio and television. The first of this kind using radio was introduced by University of Wisconsin in 1919 (Engel, 1936). Though telecast of lectures happened but mostly it was one way with no interaction with the learners. The first distance education system through television was introduced by University of Iowa in 1932 (Koenig & Hill, 1967). The first online education system in the formal sense was introduced by University of Phoenix (The University of Phoenix, n. d.). With advent and usage of ICT technologies many forms of online education are practised today – short term courses, value added courses and complete courses leading to degrees to name a few.

On extensive research in this field, three important characteristics have been identified - (1) well-designed course material, compelling teacher-student interaction, well-prepared and wholeheartedly teachers; (2) fostering a feeling of community among online learners; and (3) fast technological innovation. (Sun & Chen, 2016).

## **Business Impact**

Understand the requirements to implement an effective online education system, which could then be used by education experts and technological companies to strategize and design a good e-learning platform catering to the needs of learners at various levels.