

# Silicon Rush Proposal

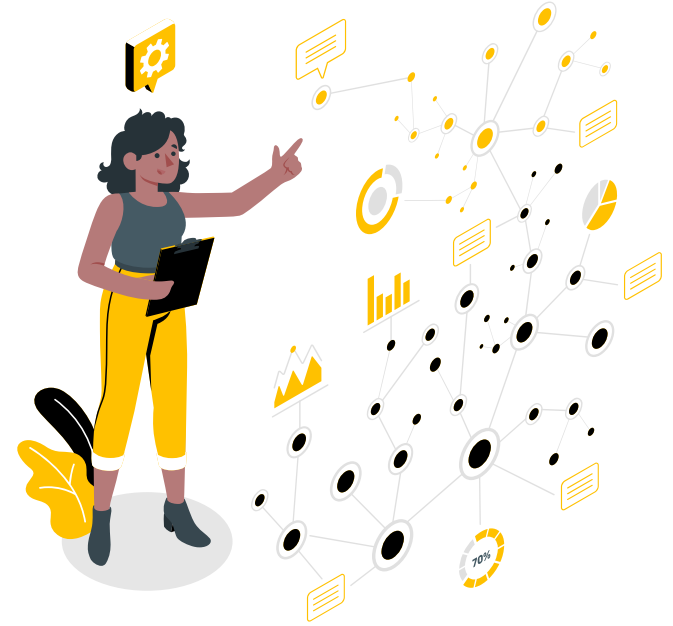
## Team Lulli

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# Problem Statement

Immersive  
Learning  
Experience



Current digital learning systems include major drawbacks like distractions while learning, no extended support for people with auditory/visual disabilities and lack of tracking or improvisation on the productivity rate of learners

# Solution Appendix

Our solution is to build an interactive website which provides a Complete learning experience which focuses on overall development of one's skills irrespective of who they are and where they are from. It also focuses on reducing the students distractions and procrastination.

The objective of this effort is to take the best teaching learning resources to all learners, including the most disadvantaged and differently abled. We seek to bridge the digital divide for learners who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy.

Short Video explaining our solution:

<https://youtu.be/9X7XCa7572c>

# Solution

01



## Recommendation of courses and study materials.

A deep learning model which recommends students the most relevant and useful study course based on their interests and filters provided

02



## Inclusion of regional languages

Our program converts and provides study material in the student's preferred language.  
It can also convert the provided material from one language to another language

03



## Implementing tracking and evaluation

We use computer vision (webcam) to monitor the students action,eyeball movement in particular to see if he/she is productive or wasting time.  
We give the user a mock test based on the course they just finished, in order to evaluate the students understanding about that particular concept

# Solution

04



## **Extend support to specially abled students**

We have specially curated courses for visually impaired and hearing impaired students.

We provide audio books in multiple languages and subtitles in multiple languages to help these impaired students.

05



## **Virtual study room to reduce distraction**

A closed environment in which a student will be cut out from all distractions and won't be able to switch tabs.

The study material will be on the left of the screen and the notes section will be on the right along with a timer as well as a camera feed for productivity tracking which can be turned on and off depending on the user

06



## **Interactive schedule planner and tab destructor**

We have designed a dynamic ,interactive schedule planner which alerts and switches the users window to the planner window at the provided time.

We also have a program which closes a particular tab after a certain amount of time(given by user),this is to reduce distraction and reduce the use of social media

# Requirements

## Software stack



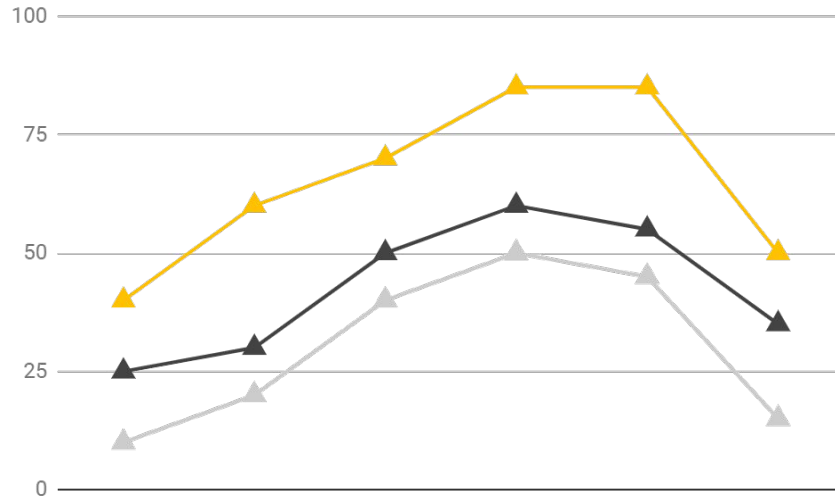
HTML,CSS , JS , React  
,Node JS,Mongo,  
Express, Python,

## Hardware



A laptop with or without  
webcam

# Deployment



**Students all over the world**



**Anyone with the interest of learning**



**Students preparing for competitive exams**

**Anyone with the interest of learning is our main target, our solution is easily accessible, robust and very dynamic which assists the user in his learning experience**

**This Website can be accessed all over the world by anyone with the help of internet.**

**Our website is commercially easy (free) to deploy and can far revenue with the help of advertisements, referrals etc...**