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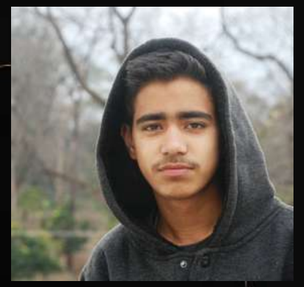
IEEE STUDENT BRANCH

WiEHACK4.0

TEAM OPTIMUS PRIME



SHALEEN BADOLA

YOGESH BHATT

Govind Ballabh Pant Institute of Engineering and Technology
Pauri Garhwal, Uttarakhand

SIMRAN CHAURASIYA

SHIVANI

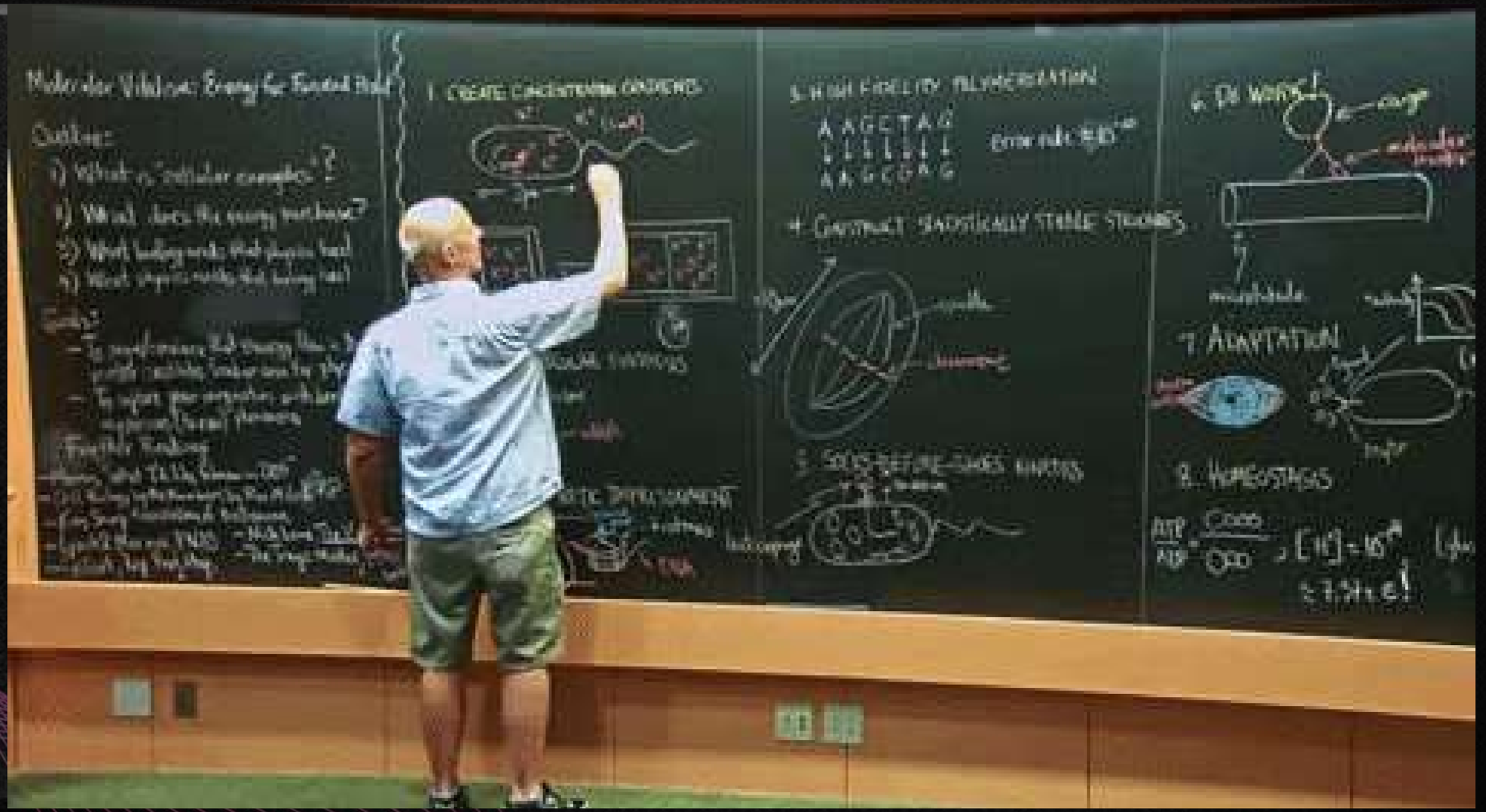
Indira Gandhi Delhi Technical University for Women
(IGDTUW) , New Delhi

EduMade

Open Innovation

ABSTRACT

Wasted time and limited organization in manual note-making methods hinder students' learning potential and academic success in the classroom.



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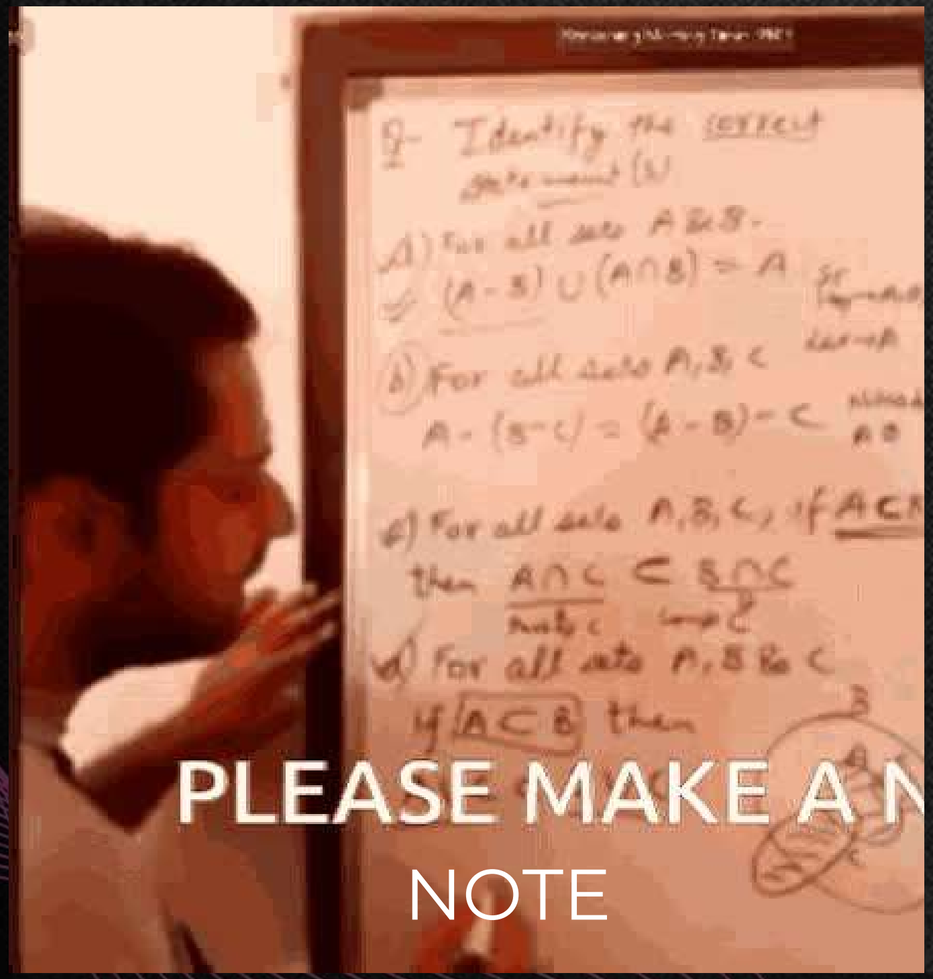
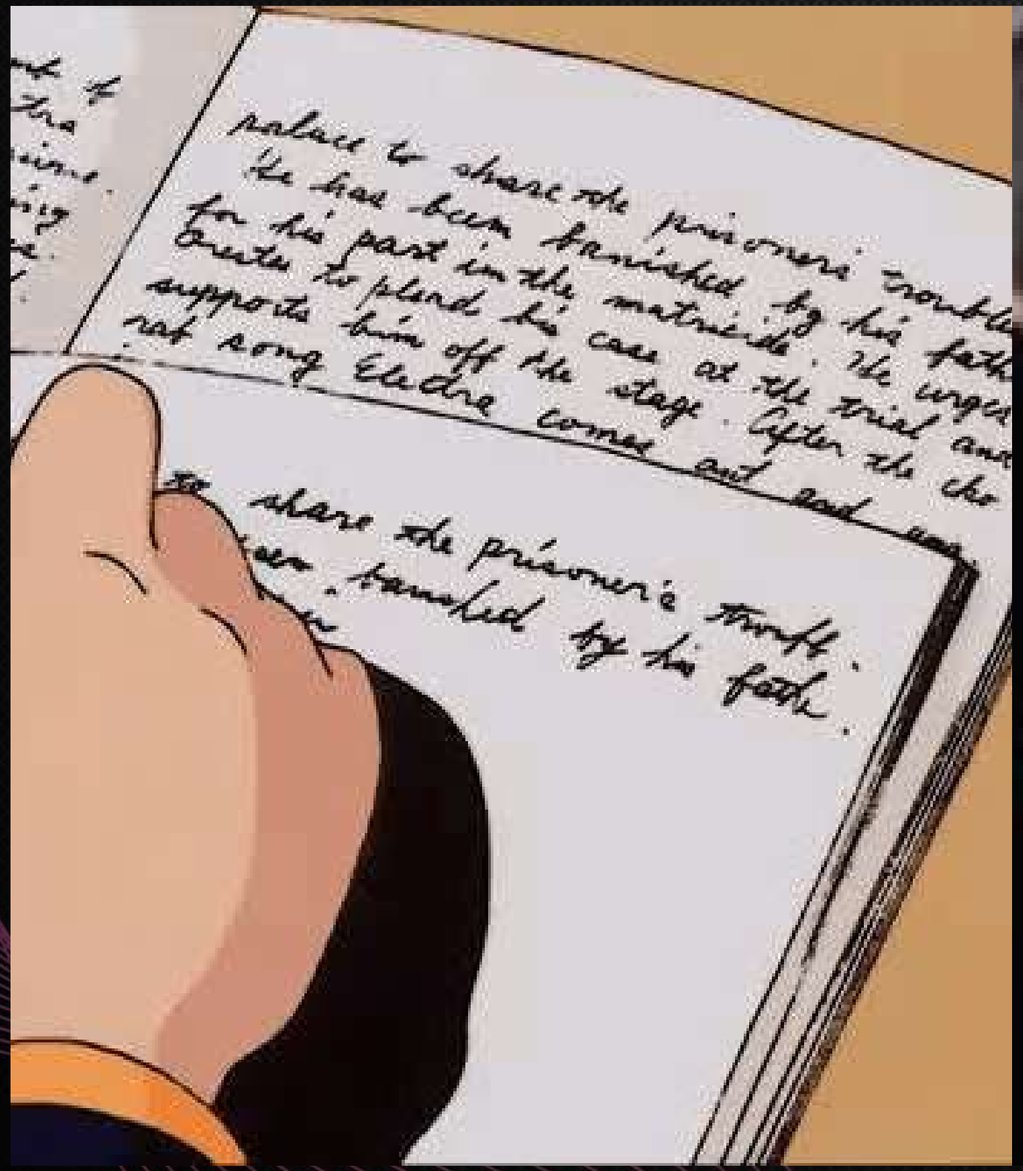
PROBLEM SOLVED



- Manual notes-making burden for students and teachers
- Students often struggle to keep up with the fast-paced lectures, resulting in incomplete or inaccurate notes
- Quality of notes may differ from student to student
- Teacher may skip some concept while notes making.
- Teachers spend additional time creating and distributing notes


palace to share the prisoners trouble
he has been banished by his fath
for his part in the matricide. He urges
Orestes to plead his case at the trial and
supports him off the stage. After the cho
not among Electra comes out and
share the prisoner's trouble.
banished by his fath

PROPOSED SOLUTION

- Develop an application to automated summarised notes creation for students and teachers
- Lecture Audio will be used to generate crisp notes.
- Automatically captured whiteboard snaps will supplement the notes.
- Less burden for both

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SELF-ASSESSMENT MCQ

"Choose an answer that doesn't describe..."

a. ✓
b. ✗
c. ✓
d. ✓

answer: b

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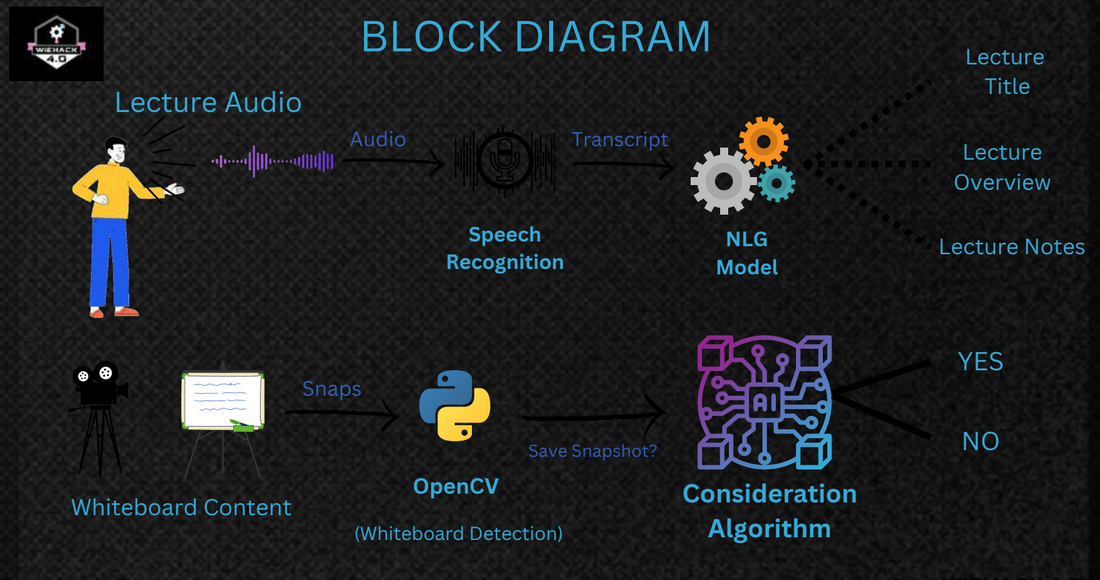
PROGRESS REPORT

WHAT HAVE YOU DONE ?

- We conducted extensive user research
- Designed intuitive interfaces
- Designing of intelligent organization features
- Integrated seamless synchronization across devices for a comprehensive and efficient note-taking experience.

WHAT ARE YOU PLANNING TO DO ?

BLOCK DIAGRAM



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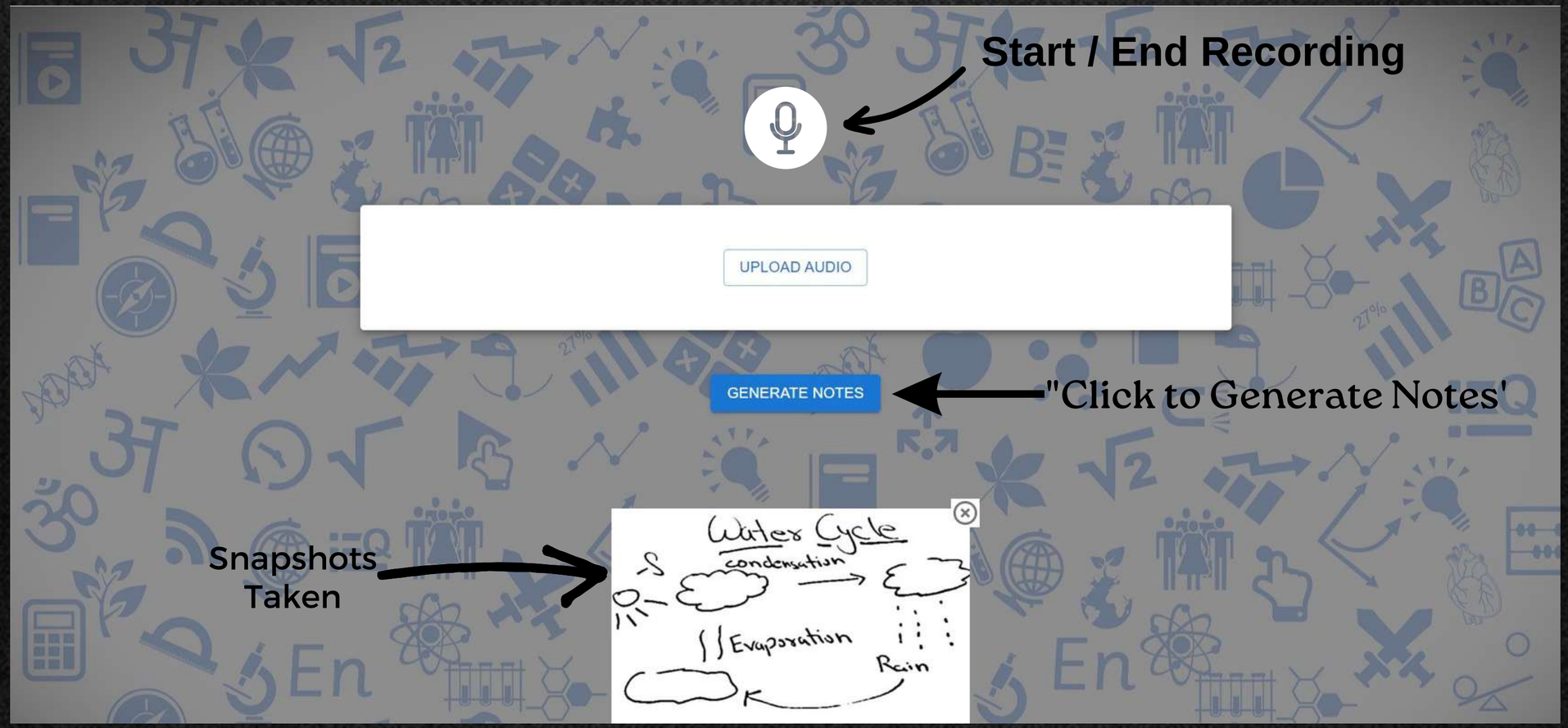
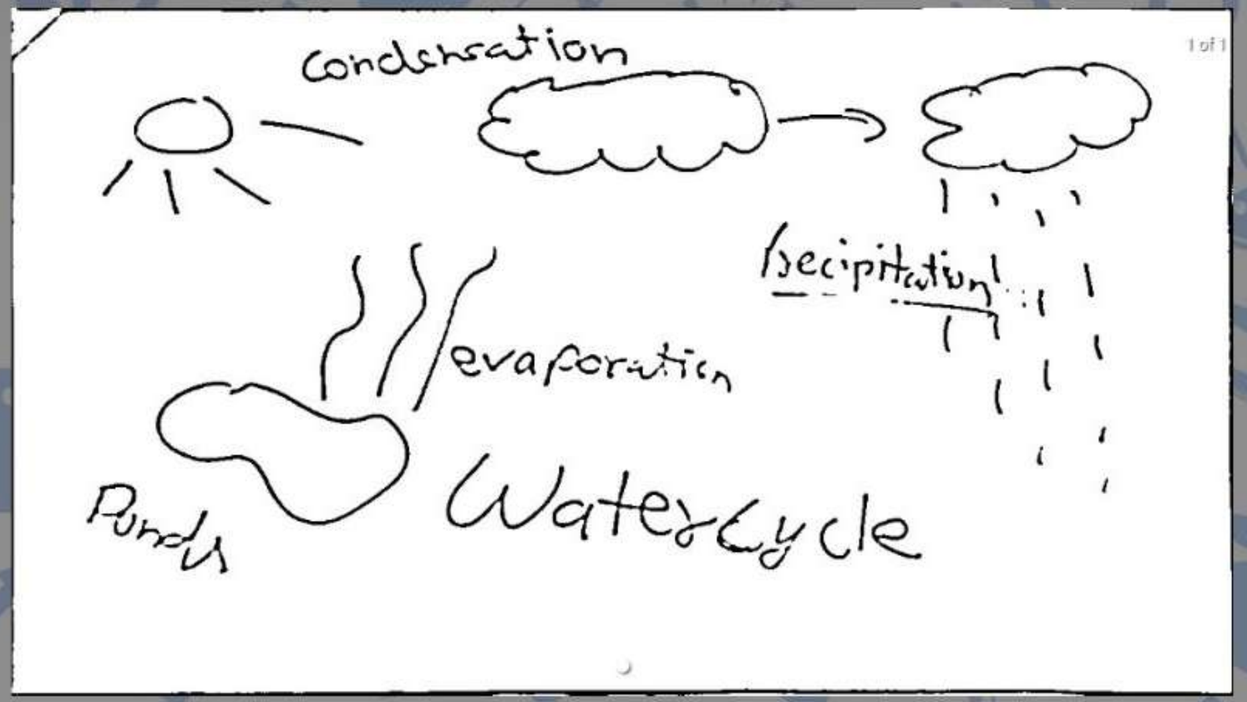
Create Lecture Page



Smart Snapshots



Lecture Created

Heading

Instructor

"The Importance and Impact of Water Cycles on our Environment and Ecosystems."

Lecturer: Thakkar

Date created: 23/5/2023

Overview:

The lecture discusses the water cycle, which starts with the sun's rays falling onto water bodies, leading to evaporation. The water vapors then form clouds through condensation before falling back to the earth as precipitation in the form of rain or snow. This entire process is called the water cycle.

Notes:

- 1. Water cycles involve evaporation, condensation, and precipitation.
- 2. Evaporation converts water into water vapors, which then form clouds through condensation.
- 3. Precipitation occurs when these clouds release their water in the form of rain or snow.
- 4. Water cycles are essential for maintaining water flow and balance in the environment.

TECH STACK

- Use of voice recognition technology (gcp, python module,etc)
- Fine tuning available Natural language Generation model. (Pegasus and prophetnet)
- Use of opencv and own algorithm for board detection and capturing snapshots

TARGET AUDIENCE

Who are the customers you want to cater to?

Schools

Coaching centers

Organizations

Universities

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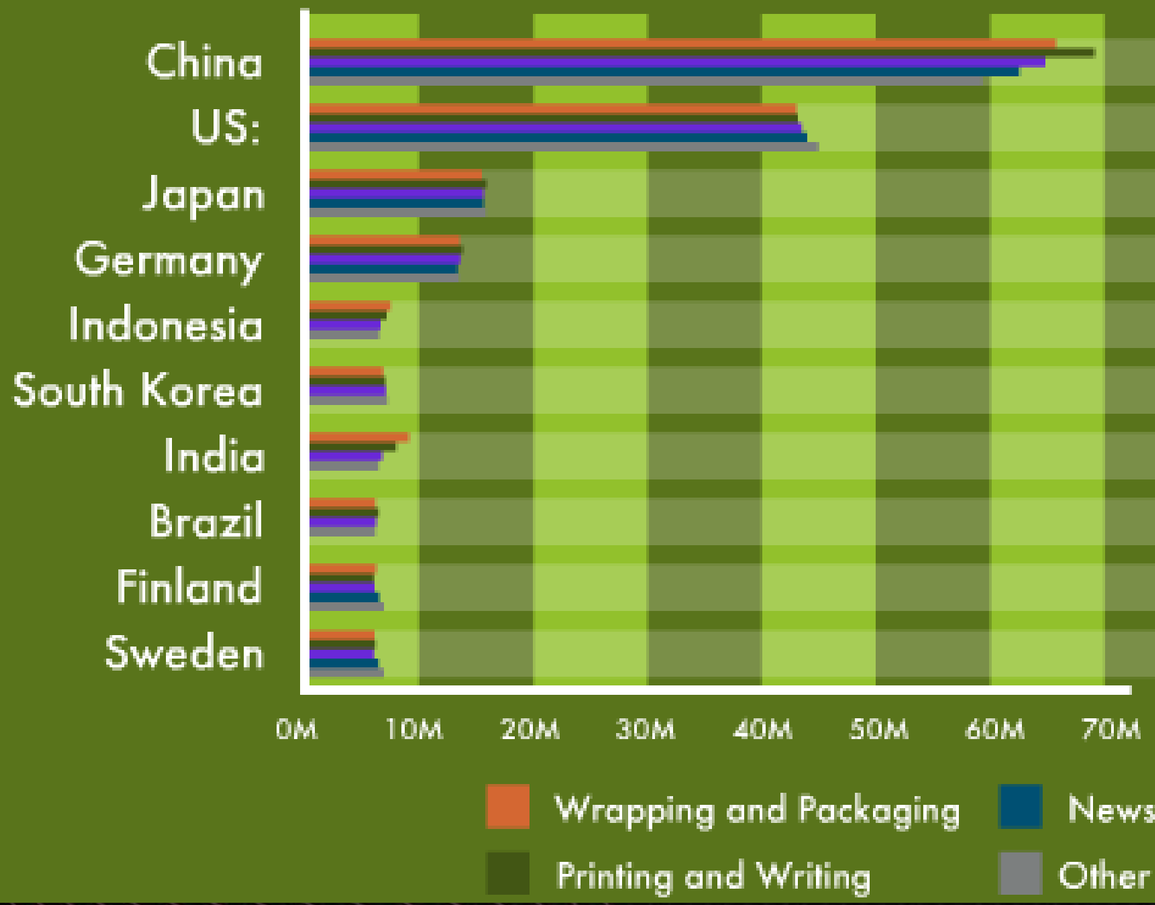
How Many Trees Are Cut Down Each Year For Paper?

Paper Production By Country



	CO_2
China	69.7 Million Tons
US:	50.4 Million Tons
Japan	12.4 Million Tons
Germany	12.3 Million Tons
Indonesia	5.8 Million Tons
South Korea	7.2 Million Tons
India	10.2 Million Tons
Brazil	6.3 Million Tons
Finland	4.5 Million Tons
Sweden	6.1 Million Tons

BillionTrees

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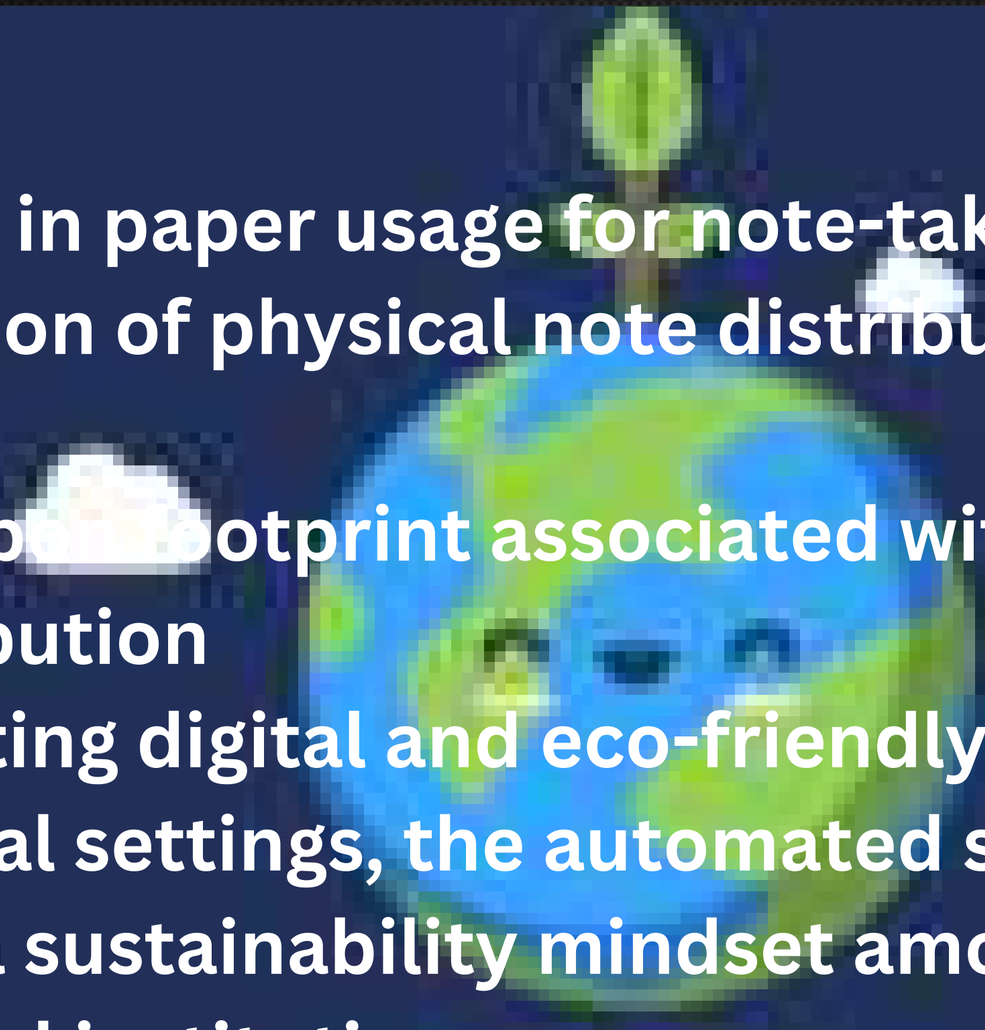
ENVIRONMENTAL SUSTAINABILITY



- Reduction in paper usage for note-taking
- Minimization of physical note distribution, saving resources
- Lower carbon footprint associated with note creation and distribution
- By promoting digital and eco-friendly practices in educational settings, the automated system helps cultivate a sustainability mindset among students and educational institutions.

Thank You

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