

## MINE PROJECT

1 1

TOPIC :- "to enhance the quality of education in Emerging technology"

problem:- Ideate and implement a system to enhance the quality of education in Emerging technology.

Solution:-

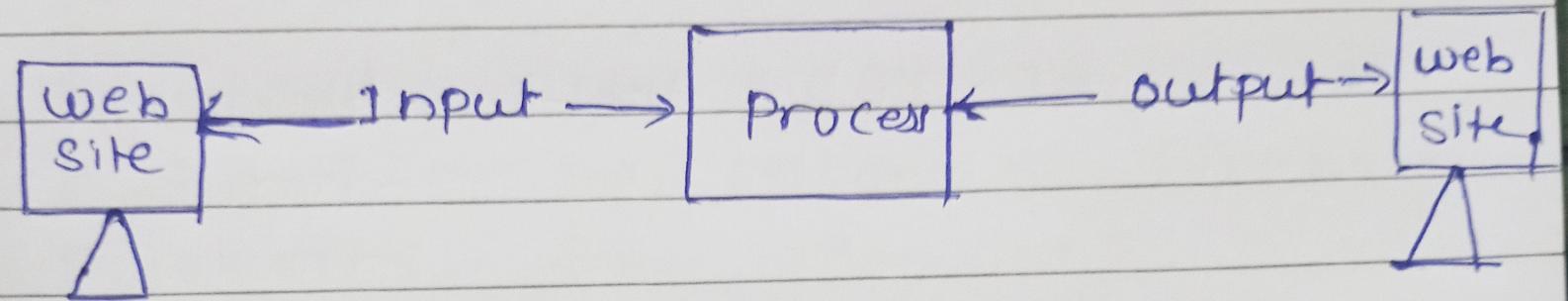
- So, a solution such as a compiler where the students are exposed to diverse coding challenges improve coding skills and problem solving capability
- and for faculty Automated Grading tools evaluation, providing instant feedback and saving faculty time.
- Analytics dashboards track student performance.

# Problem statement Breakdown /

- 1] Department wise (AIML & AIDS)
- 2] parameters (Students)
  - 1) login
  - 2) solve practicals
  - 3) Run , compile
  - 4) check plagiarism
- 3] Features:-

- ① online compiler
- ② open - source
- ③ Dashboard
  - Students
  - faculty .

# work flow Diagram



- Information of student
- Problem statement  
Should be uploaded
- Student should perform, only.
- Website for student practicals
- student performance should be clear.

## Technologies

1 1

Frontend :- HTML , CSS , Javascript.

Backend :- PHP / Django , Firebase.

DataBases :- SQL , MongoDB.

Version control :- Git , Github .

## Time table

1) Feb 1<sup>st</sup>- 2<sup>nd</sup> week → Github

2) Feb 3<sup>rd</sup> week → compiler prototype

3) Feb 4<sup>th</sup> week → UI - UX design

4) March 1<sup>st</sup> - 2<sup>nd</sup> week → frontend

5) March 3<sup>rd</sup> - 4<sup>th</sup> week → Backend ~~Backend~~

6) April 1<sup>st</sup> week → Testing

# Diagrammatic Representation / /

see

login



• Admin



• Student



• Teacher

• Have full access  
of all data &  
admin protot~~e~~

Student

will be able

to compile

the

admin can  
make all  
changes.

Practical

and view

the Plagiarism  
report.

Can update  
the practical  
list and view  
the ~~perfor~~  
~~plaga~~  
Performance

of student