

# ANNA UNIVERSITY - MENTOR - MATCHING SYSTEM (AUMMS)

## Problem Statement :

To design a web-based system that implements profile matching methodology which can provide mentor profiles on student's request.

## Problem Statement Introduction:

### **Mentor Profile Matching System:**

A technique used in profile searching where the characteristics or a name are compared to those of the ideal or typical mentor profile the pupils are searching for. Students in need of additional educational guidance and values can make use of this web-based system. Students can find mentors within campus reach.

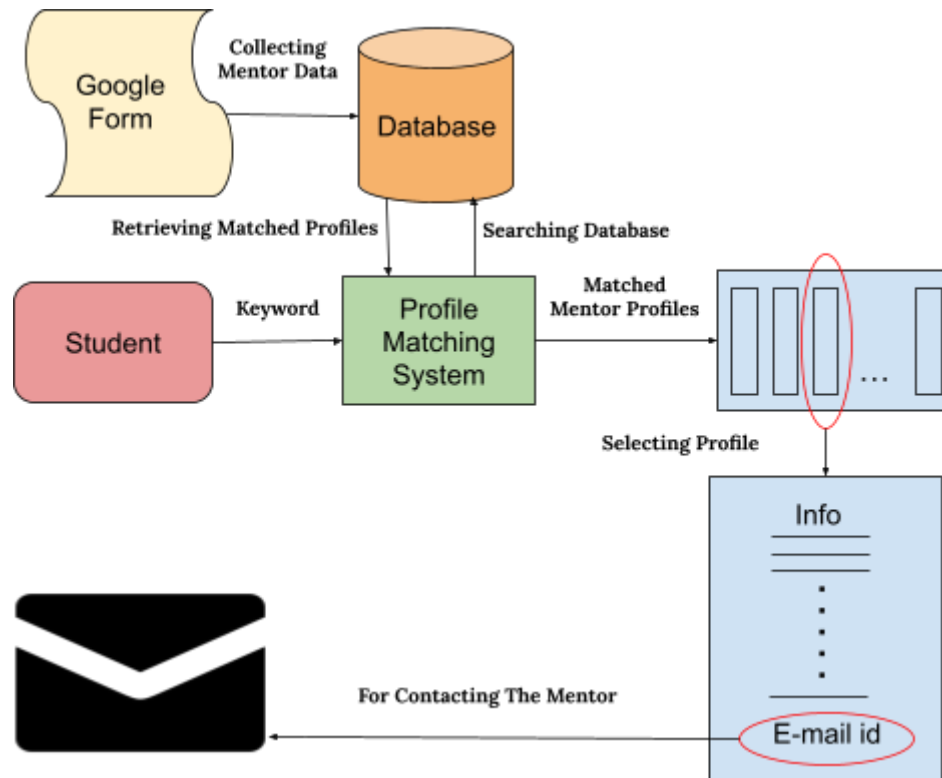
## Objectives:

- To collect/represent/translate/obtain mentor information.
- To provide a medium/platform where students can search for mentors.
- To implement an instant mentor profile matching methodology.

## Focus:

- Implementing this as a web-based system for Anna University.

## Flowchart:



## Challenges:

- Student profile creation and validation using e-id card.
- Designing a google form with appropriate parameters.
- Circulating the google forms to collect mentor data.
- Storing collected mentor data into the database in structured format.
- Search engine that provides mentor profiles based on student's keywords.

# Languages and Tools:

Frontend:

- React.js

Backend:

- Node.js

Data Base:

- MongoDB