**QAM**

Smart learning has increased largely in today’s world especially during these covid era. It is also useful for students to learn in large classes. "Smart learning with stress detection" seems to refer to a concept or approach that involves utilizing technology and data to enhance the learning process while also detecting and managing stress levels among learners. We make use of Facial emotion recognition is a technology that involves detecting and interpreting human emotions based on facial expressions. It has applications in various fields, including psychology, human-computer interaction, market research, and more.. Students can get help from mentors regarding their worries during learning. Here we make use of Automatic Question Answer generation system to make sure the students are covering the portions thoroughly. Automatic question answering (QA) systems are designed to automatically generate answers to questions posed in natural language. These systems typically involve several components working together in a pipeline to process input questions and generate accurate answers.

**Proposed System**

System contains modules like,

1. Administrator
2. Mentor
3. User

**Functions of administrator**

* Login
* Approve mentors
* View approved mentors
* View rejected mentors
* View complaints and sent reply
* View reviews from user about mentors
* View application reviews and rating
* Change password

**Functions of Mentor**

* Signup
* Login
* View and edit profile
* View mentee request and accept
* View accepted mentee
* View emotion graph based on facial expression
* Chat with mentee
* Sent tips to accepted patients
* Sent motivational contents to user
* Send complaint and view reply
* Change password

**Functions of users**

* Signup
* Login
* View and edit profile
* View mentors
* Sent request to mentor
* View request status
* Manage Sessions
* Attend Exams(Question answers automatically generated by AI)
* Facial Emotion recognition while exam attending
* Switching to next session
* Send Complaint and view Reply
* Chat with mentors.

**SYSTEM REQUIREMENT SPECIFICATION**

A System Requirements Specification (SRS) (also known as a Software Requirements Specification) is a document or set of documentation that describes the features and behaviour of a system or software application. It includes a variety of elements that attempts to define the intended functionality required by the customer to satisfy their different users.

Software requirement is a condition needed by the user to solve a problem or achieve a goal. Defining software requirements is the first step in the development life cycle. But, in many situations, enough care is not taken in establishing correct requirements. This causes problems, later in the development life cycle and more time and money is spent on fixing these problems. This. requirements must be established in a systematic way to ensure their accuracy and completeness.

**HARDWARE REQUIREMENTS:**

Processor : Pentium 4 Processor/Above

Main Memory : 4GB or Above

Hard Disk Capacity : 40GB or Above

Mouse : Any compatible

Keyboard : Any compatible

**SOFTWARE REQUIREMENTS:**

Operating System : Microsoft windows 8 or Above

Front End : Python, JavaScript, HTML, CSS

Back End : MySQL Server

IDE : JetBrains PyCharm, Android Studio