# Specify The Business Problem:

In Education, giving assignments are to motive the students to think and apply their skills learned to a business/social problem. Current manual method of assignment submission and grading and feedback provisioning are tedious and students may be asked to submit the assignments in written form. This project is aimed to assist the faculty/mentors to give assignments and the time frame within which the assignment to be submitted. Also they can provide the necessary guidelines which may be referred to be the students at anytime. The proposed task is on submission method using web based application. Faculty/mentor may choose the type of files the students should submit whether the coding or the output of any program etc. can be uploaded by them. The project also aims to help the faculty to grade the assignments and provide feedback or comment on the assignments and this can be sent to individual students, who can view them at their own timing. The application allows for secure file uploads, ensuring the integrity and confidentiality of submitted work. The system provides notifications and reminders to students about upcoming assignment due dates and any updates or clarifications from teachers. Smart Assignment aims to enhance the assignment management process, promote collaboration, and improve educational outcomes. By leveraging intelligent technologies and providing a user-friendly interface, the application streamlines administrative tasks, enhances student-teacher communication, and facilitates a more efficient and engaging learning experience.

# Business Requirements:

The web application to be designed focuses on the easy access to the application by the students by providing user interface wherein they can view the questions, guidelines given by the faculty. File uploading feature will help them to upload any kind of files to emphasis their focus and understanding. Faculty may decide the type of assessment like multiple choice questions, program codes or any diagrammatical/graphical explanations in the form of charts and the like. Students may also know the grading pattern and the weight age of the questions. They are free to submit the assignments at their convenient timing without expecting the faculty to be present at the same time. As faculty members are free to set the timing for assignment submission which will be taken care by the application, the faculty need not worry about late submission and duplication and other issues. Managing the timing, assessing all can be done at their ease of time. Immediate grading and sending the feedback will reduce the time delay. Furthermore, administrators benefit from comprehensive analytics and reporting tools, empowering them with insights into performance trends, knowledge gaps, and assessment outcomes. The platform seamlessly integrates with existing learning management systems, ensuring streamlined administration and data management.

# Literature Survey:

Applications like google classroom, moodle etc. provides opportunities to assignment management. Many indigenously developed software by the organization are available.

# Social or Business Impact:

**Social Impact:**

After covid, usage of online applications for almost all the tasks in inevitable. All the students are with smart mobile phones/devices. So, it makes the education tasks such as assignment management like submission, grading getting feedback from mentors an easy process if the application is provide based on web. Wider scope is there in the society to use these kinds of applications

**Business Impact:** Adopting new innovations and latest technology by the education organization will elevate the name and fame of the institutions. This will have its own impact during admission. Usage digital medium will reduce the usage of paper work, contributing to less or paperless environment. Usage of digital means is both cost-effective and eco-friendly.