* **SCOPE OF THE PROJECT**

**Q. What is software scope?**

* Software scope is a well-defined boundary, which encompasses all the activities that are done to develop and deliver the software product.
* The software scope clearly defines all functionalities and artifacts to be delivered as a part of the software. The scope identifies what the product will do and what it will not do, what the end product will contain and what it will not contain.
* **The scope of this website is:** This system can be used in particular department in college. It is a two user system(teacher & student). It is also controlled by power user for backend task.
* This system can be further extended to meet the functionalities of administration and also organizational requirements.
* **Features / Functionalities / Activity :**
  + Student side FEATURES:
    - Logout if another tab opens during the test.
    - Students can give Regular tests uploaded by faculty.
    - Students can upload given assignments in the Assignment section according to respective subject.
    - Students can generate practice tests and papers in the Question paper section.
    - Students can give regular attendance on the control of faculty.
    - Students get regular updates about the latest news and events in the pinboard section.
    - Students get a daily time table according to the present day.
    - Students can view syllabus of different subjects.
    - Students can view respective markings after submitting the test.

* + Teacher side FEATURES:
    - Each faculty can get the attendance of a particular class.
    - Each faculty can see the assignment uploaded by the student.
    - Teacher can modify the subject syllabus.
    - Teacher generates the question paper.
    - Question Paper Formats(MSQ,MID SEMESTER,FINAL EXAMINATION)
    - Teacher can set the question paper format
    - Teacher can view the marking of the whole class along with a percentage report.
    - Teacher can view ranking table of previous test and upload it to student side
    - Total marks calculation after each no. of questions are given of each category.
    - Teacher can generate question paper as per his/her design
    - Teacher can upload the feedback form link
  + System side / General / Special FEATURES:
    - Captcha at LOGIN
    - Animated graph for marks viewing.
    - Dark mode
    - Responsive
    - Test schedule pop up / notification(QR code for test)
    - 3D objects
    - Social Media Linkup
    - Course Outcomes
    - Feedback Form link
    - Interactive Sounds
    - Advanced Security Features(SQL injection, Role based login)
    - Goto top
    - Students get mail after due tests / assignments.
* **General Description of Usage ( Abstract ) :**   
  This website will help faculty and students of a department accomplish day to day activities and help meet the requirements activities by providing a various set of unique features which can be accessed easily and provide facility to partition UI for both sides in order to provide authentication, encapsulation & abstraction.
* The end product will contaion functionalities for faculty and students at department level for academic purposes rather than Administration usage OR at college/University level