**INTRODUCTION**

The purpose of this proposal is to analyze and design an online grading system for Unity University. This will involve developing a secure, user friendly and reliable system that gives faculties the ability to easily manage student assessment and grading. Furthermore, an online system would also eliminate manual input of scores and reduce errors associated with the use of paper-based sources such as grade books or registers.

**BACKGROUND OF THE PROJECT**

Currently, most Universities track student performance, assessment and grading manually i.e. by use of paper-based systems such as gradebook or registers. This method has many drawbacks because manual systems are prone to errors which can in turn lead to students being assigned wrong grades, corrections that can take weeks for completion and often potential arguments about student grades when these results are challenged. In addition to this, it also adds extra administrative burden on faculties as it requires them to manually enter scores into the various systems used in their module tracking if different than the native University ones. Finally due manual entry process and limited availability of resources there is a lack of comprehensive analysis regarding students performance leading it difficult identify problem areas or areas of strength promptly.

**MOTIVATION**

The advantages of automating an online grading system are well known; however, there have been few attempts so far at Unity university attempting to create one due various reasons such as cost or lack resources/expertise among other things. By introducing an integral Online Grading System into our current end-to-end automated student support system we believe University can address each mentioned challenge plus help streamline many labor intensive processes currently performed manually allowing Faculty members access students’ assessment data efficiently for quick action where required giving us the edge over our competitors who still largely rely on paper-based records

**STATEMENT OF THE PROBLEM**

Main objective behind introduction Automatic Grading System (AGS) at Unity University is reduce administrative burden on Faculty members while increasing accuracy/reliability throughout entire examination processes from start finish including correction consequently enhancing our end-end automated student support system . Though Faculty Members at Unity University need find ways accommodate AGS with existing procedures processes thus AGS should fully conform requirements before implementation

**METHODS**

The project team consists of software development personnel this includes developers designers database administrators quality assurance engineers architects etc working together develop integrate multi layered database application ensuring highest possible security standards especially when dealing storing sensitive information such as examination marks details responsibility marks check etc Also group must follow clearly defined project management plan ( PMP ) detailed technical design document set meets last mile requirements success goes smoothly consequently

**RELATED WORK**

Much research exists surrounding automatic test grading from literature reviews nation wide surveys studies groups whose goal creating implementing similar systems distinct advantage offered A typical result points out successful implementation depend heavily infrastructure setup hardware software industry standards applied hardware fails rendering whole process useless To ensure efficiency certain principles followed example designing scalability into components using standard protocols compatible industry etc

**SCOPE AND LIMITATIONS**

This project scope includes implementation custom developed Automatic Grading Systems based specifications drawn up initially document It may encompass revisions changes arise situations possibility integrating off shelf products better fulfill testing evaluation criteria however these receive separate consideration yet within scope definition The key limitation faced regards current vision implementations requires coding scripts suitable modifications hosting servers plugins integration This expertise resides external staff means development budget involves paying fees individual items particular concern pre written tests cannot be provided outside unless agreement signed proving ownership There also restrictions posed other aspects level regulation client server side code nature algorithms computations run limitations type obtainable outcomes

**APPLICATION OF RESULTS**

Automatic Grading Systems benefits manifest technology cutting down long lists limiting human error well providing reporting instant feedback get letter numerical symbols generated further necessary marked stored server form quick easy actions identification retrieval Consequences conversion from manual processing digitalized solution decrease costs free resources allowing enhance educational services improve services offered faculties students become digitized lifestyle continues grow importance technologies rise

CONCLUSION

In conclusion we propose create design integrate customize Automatic Grading System Existing User Support complete suite services offered customers universities All components change following precise yet clear scope definitions provide ample flexibility incorporate outside knowledge foresight final step keeping pace fast technological advancements world today