## 1.3 Statement of the problem

While doing research on the field of study, we found out that there is a lot of time wastage for both the students and lectures during submissions of the research papers. The students spend a lot of time queuing in order to wait for the lecturers’ view on their matters. While the lectures are tasked to manage the students queues, view the work brought by the students and still give an appropriate feedback to the students; if the students should go on with the work, modify the papers or the section of the paper which is being checked should be repeated, if it has not met the required standards. The problem is further amplified because the research papers are not collected as a whole but in sections hence this tends to be a cycle that is only complete when the final chapter is submitted. Another issue is the use of traditional filing system in order to preserve the papers. This method is outdated and inefficient as there is need of manual sorting, arranging and preserving of the files. Moreover there is a large consumption of physical space. The traditional filing system does not allow the students to see previously done projects. This causes replication of project papers due to the lack of knowledge of existing ideas by the students. Since replicated ideas are not allowed, the students are required to repeat the researching of a project. The ideal scenario of this system is whereby there is reduced time wastage for both the main participants of the system, a more efficient file management system which is able to maintain all the necessary files and a proper communication channel that will connect the ideas of the student with the feedback of the lecturer.

The current manual system restricts the proposed ideal functionality of a project management system by its inefficiency in communication between its users and the outdated file system. This leads to the participants inconveniencing each other at the expense of their time. It also leads to stress due to the exhaustion from waiting and avoidable repetitive submissions on the student side and working on a large number of papers and students at a particular time for the lecturers. This time loss and stress in turn causes poor productivity of the system and its users as individuals.

The main aim for this project is to create an online project management system that caters partially for the needs of an ideal environment for efficient communication and storage of files

## 1.4 Research objectives

The main goal of this project is the creation of a system that functions to enhance communication and manages the research papers in a way that is beneficial to all.

These are the objectives that complement the main goal:

1. To gather more relevant information on the current system
2. To gather requirements for the development of the new system
3. To design a plan that depicts the management system and its functionality
4. To develop the project management system
5. To test and validate the system in relation to its users
6. To deploy the system once it achieves its purpose of creation

## 1.5 Research question

1. What information about the current system is needed to carry out this project process?
2. What are the requirements for developing the system?
3. How will we incorporate our findings into the system?
4. How will the system be designed?
5. How will the system be developed?
6. How will the system be tested?
7. What feedback is expected after users have tried out the system?