# Project Report

## Problem Definition:

An undergraduate student spends an average of four years to complete their degree. In four years, about forty courses will have been taken, with each course having about six to eight assignments. After just one to two years, if the course materials were not stored systematically from the start, a student will find searching and organizing their earlier courses to be very chaotic. Depending on different types of assignments and file types, a simple organizing task can end up being quite cumbersome.

We as undergraduate students have faced this problem too and would like to develop a solution. Our motivations for this project are:

* To develop an app that will making organizing course materials easier.
* To make an app that will use current file storage options like windows file explorer and google drive as a cloud option.
* To make the app multi-platform, i.e. it run on Windows, MacOS and Linux. These three are the most common PC operating systems used in universities.

The application domain for this project will be university students.

Feasibility study:

While there are many cloud-based or offline storage solutions for general use like google drive, OneDrive or file-explorer, these storage solutions don’t organize files into the courses that a university student has taken. That has to be done manually. The assignment organizer is the first storage interface designed to remedy this issue. It will utilize existing storage options, but will provide an interface that will serve the user their assignments or files as organized into courses and the term/year they were taken.

While the user will have to manually enter the course name and the year/term, this setup will be simple. Then for the rest of the term, inserting and reading future assignments/files will be streamlined and accessible from one location.

Software requirements:

Software Process Model:

Technical documentation:

Acceptance testing: