# INTRODUCTION

## Background

Being productive and leaping towards perfection always been a topic of high regard in the present world. We students always work to change for better. Several decades into formal education and we have realized that some practices are better than the other in academics. Practices like to-do listing, session tracking, task scheduling, pomodoro technique, music studying etc. are proven to be more effective. Usage of computer to facilitate and implement these practices is becoming more relevant due to technological reach. So, we aim to compile these practices into a single GUI application using C++ and SFML.

## Motivation

Procrastination is a damaging trait which involves ignoring an unpleasant, but likely more important task, in favor of one that is more enjoyable or easier. It can lead to reduced productivity and cause us to miss out on achieving our goals. Poor organization of tasks can lead to procrastination. Using prioritized To-do lists, creating effective schedules, breaking down a work into time intervals separated by short breaks and working on it etc. are few effective measures to stay organized. In our project we intend to integrate these practices into a single application, which would be of great help to not only us but to many scholars worldwide.

## Problem Definition

All of us, team members, in some way or the other have used many applications for staying organized. We all realized that a single application does not facilitate every technique we wished for. Most applications were available in mobile phones only and some required us to make a payment for accessing the full-fledged application. So, there was a collective need for an application that compiles all the practices that we wished for and in the meantime eradicating all the other problems that we encountered.

## Project Objectives

This project aims to full the following objective:

* To develop an application that compiles to-do list, session tracker, study planner and pomodoro timer using C++ and SFML.

**1.5 Project Application**

The project we purpose put forwards following application:

* Task organization and completion – Prioritized to-do list and session tracker are of great help in organizing daily tasks. Moreover, investing periodic efforts using pomodoro timer sets us in a track for completing that task at the very least. At the end of the day we are organized and we accomplish many things.
* Self-tracking – Session tracker helps us keep track of our involvement in a specific work and then invest efforts accordingly. Similarly, the to-do list reminds us of the targets we’ve set for the day and also the targets we’ve accomplished.

## 1.6 Scope of Project

Productivity tools are handy to everybody worldwide. It is not that this application is limited within scholars only. Everybody willing to stay organized and focused can make a good use of it. On the down side, it is a desktop application and it cannot be used in mobile phones.