Introduction:
Vision and Objectives:
Pronto is a multi-purpose application that will be used by universities, lecturers, and students. Students will be able to create, edit and view custom timetables. Lecturers will be able to schedule reminders for important events like exams and project due dates, as well as notify them of assignment extensions. Institutions will be able to upload their university module schedules, and maintain an institution page. This will help students better plan and organise their schedules.

Business Need for the application:
Currently, there is no single consolidated application that allows students from any higher education institution to create a timetable based on the modules they are taking. Features for different parts of the application exist in isolation, and we intend to design a system that brings these features into a single place for any student of any university.

Scope of the project:
the scope of the project involves developing a proof of concept web/mobile application using amazon web services (aws) as the underlying infrastructure. The key functionalities and features of the application include:

User registration and authentication: users, including students and institutions, will be able to create accounts and authenticate themselves to access the application.

Student dashboard: students will have a personalized dashboard where they can view their schedules, assignment deadlines, test and examination schedules, and other important events. They can also set reminders and receive notifications for upcoming tasks.

Institution pages: institutions will have the ability to create and maintain their own pages within the application. They can load and update student schedules, campus maps, assignment deadlines, test and examination schedules, and other relevant information.

Notifications: The application will allow for three notification types that the user can select :
   ● Push
   ● Sms
   ● Email

Mobile support: the application should be accessible and responsive on mobile devices, allowing students to conveniently access their tasks and receive notifications on the go.

Reminders: the application will provide reminders to students for upcoming deadlines, events, or any updates from their institutions.These will be presented to the user via the notifications subsystem.