

This project has been based on managing the extenuating circumstances process. Django, a Python framework, provided us with a platform to create a web-based system allowing students to submit their personal problems and circumstances on a portal. The scrutiny committee and the secretary can also access these forms and decide if the student gets approved/rejected for leniency toward their academics or needs to upload additional proof. In order to inform staff members of the student circumstance, the secretary fills out a sanitised version of the form onto the portal which can be accessed by both the student and staff members. In situations where a review is called for, the data can be retrieved, filtered, printed or downloaded from the portal. The system not only allows data to be organised but also accessible on any device as long it has internet.

The system passed through different tests and scenarios in terms of security as well as functionality. The current system has a decent element of security, provided by Django's inbuilt features and additional packages from other developers. However, with further work, the system can be made bulletproof in terms of security and have additional features which can make communication easier between all stakeholders.