TrinEvents: A platform that consolidates all aspects of event management at Trinity College
Alodie Iradukunda

TrinEvents, as its name suggests, is a web platform that aims at tackling the problem of the effectiveness of the existing ways of managing events at Trinity College. It offers a way to consolidate all processes that one needs to undertake to set up an event, which are currently independent of each other. Event management at Trinity College is run through the Student Advancement, Involvement and Leadership office which is responsible for handling the running of events notably the provision of event support if requested by an individual wanting to organize an event. This along with the calendar office which is responsible for scheduling events. However, the problem that arises is that there isn't any consolidating place where all these procedures can be found to facilitate the process. There is a lot of time that goes into setting up an event on campus, because there isn't a centralized method that has been put forth to aid the process. TrinEvents comes as a solution to that problem in bringing together those mentioned entities and simplifying that process. The platform is comprised of two main spheres: event support and event scheduling. The event support portion regroups all the managerial needs to provide technical support for an event. More specifically, if one needs technical support such as projectors or microphones, the platform allows for students to sign up to provide that support as part of their campus jobs. On the other hand, event scheduling regroups all that's necessary to schedule an event based on time, place desired as well as the number of attendees for the desired event. TrinEvents utilizes different tools to aid its HTML elements to flourish. It uses CSS, Javascript, and PHP to arrive at the final desired product. It also integrates a certain number of features provided by Firebase, a google web application development platform. The resulting product is hence a web application that is accessible from any device regardless of size because of its adaptability. TrinEvents also integrates an authentication feature to provide a level of security of the platform and to allow only use to the Trinity Community. The platform also includes a real-time database feature which allows for users to sign up or register events in real-time. Evidently, there is a need for this solution and will be deployed for use by the Trinity community soon.