Project number: CS0001

Project Source: School of Computer Science

Project Title: Casual Academic Time Allocation Management System (CATAMS)

Project Description and Scope: With success, it comes more interest. With more interest, it comes more demands and with more demands, it comes more supply. This was the success story of the university of Sydney Master of Computer Science degree. With great success in this program, more students are now interested persuading master of computer science degree at this university. So, academics need to manage a larger number of casual tutors. Casual working hours needs to be entered into the system well in advanced. The current model, does utilise general tools and apps to manage this work. While it works, it misses some features which can truely add value and save time from the unit coordinator and let them only focus on delivering great teaching experience. Your project will help unit coordinators, casual tutors, and the HR team enter and review work hours in a clear and straightforward way. Students will be expected to meet with the lecturer and an internal representative to understand what is needed. The main goal is to build a system where lecturers can enter each tutor's hours by week, along with a description of the work, the number of hours, and the pay rate. Casual academics will be able to view their own entries. Once both the lecturer and the casual tutor approve the hours, they will be sent to the HR team for final review. Key features needed: * Lecturer can enter the hours with all expected details. * Each casual tutor can see their own hours. * Casual tutors can request hours or changes, and lecturers can review and approve these requests. * A dashboard should give summaries such as hours worked by each tutor, budget used and remaining, and total hours within budget. * Once, it is all approved, the HR team should be notified and be asked to check these hours. This system will hugely impact the teaching team at Sydney university including your lecturers and tutors and if successful will be utilised throughout the years to come.

Expected outcomes/deliverables: A system where lecturers can enter each tutor's hours by week, along with a description of the work, the number of hours, and the pay rate. Casual academics will be able to view their own entries. Once both the lecturer and the casual tutor approve the hours, they will be sent to the HR team for final review.

Specific required knowledge, skills, and/or technology: As long as students can implement it, they can pick this project.

Fields that this project may involve: Web Development;Software Development;Information Systems;

Dataset provided by the client: Not applicable

Resources provided by the client: nan