UTDattendance
Giving a helping hand with a scan

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Abstract
UTDattendance is an attendance system that makes taking class attendance quick and easy. UTDattendance allows for class time to be optimized by removing time spent by teachers and students dealing with attendance. The system allows students to check in to class with just the swipe of their UTD comet card, which is more efficient for both the student and teacher. The system includes a web portal that will allow teachers to check and modify student attendance. The web app will also give students the ability to keep track of their own attendance for a specific course.

Results
The UTDattendance system was created to make taking attendance in classes of the Engineering and Computer Science (ECS) school effortless and convenient. The system is built using Apache Wicket and Java.

Users
- Student can view attendance in different courses
- Teacher can view and modify attendance
- Admin can make any necessary updates and maintenance

RFID Reader/LCD
- Card easily read when swiped pass
- Sends off information to server to check in
- Confirms to student that they have been checked in through LCD Screen
- Small and Portable for easy set up in classrooms

Impact
The UTDattendance system removes the hassle of teachers dedicating time to the attendance of students inside and outside of the classroom. There is great need for a quick and easy system as teachers are having to dedicate time and money to finding a solution on their own.

Summary
Our project meets the basic functionality of an attendance system and is ready for testing in a classroom setting.

All of our work will stay with UTD and our mentors for possible future improvements which could eventually lead to it being used in classrooms.

The team would like to thank our faculty advisor, Dr. Miguel Razo, and our company sponsors, John Southerland and Aaron Parks-Young for their guidance and expertise during the project.