



TEAM 18 - SMART LENDING LOCKER

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To automate the process of school faculty lending out smart devices, this team will design and build a smart lending locker with the capability to house up to 10 laptops for campus students to get temporary access to laptops. The goal of this project is to address the ongoing issues that have always been present in higher education lending systems. To track the use of laptops, the group will develop a smart lending locker system that will allow locker itself to report inventory status to the client's platform through a cellular connection. Access to the locker can be managed through mobile application that can communicate via cloud services and process authentication on user's phone. Pictures will be taken by an external camera module incorporated into the locker frame whenever a laptop transaction occurred. This smart lending locker can be the most effective one in comparison to other lending lockers in the market with a more manageable size and simpler user operation.