PEC - Purdue Electronic Checkout

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Problem Statement

Many companies are growing their equipment libraries without an effective system of management. This is especially due to the rise of mobile devices in recent years and an urgent need to perform testing on a variety of devices.

Objectives

- Create an application to manage a company's equipment inventory
  - Checkin/checkout equipment.
  - Manually update checkout status.
  - View equipment library and current inventory.
  - View current and previous owner.
  - Statistical analysis.

Stakeholders

Users	Employees/Members of Product Owner institutions.
Developers/ Project Owner:	Brian Chan, Nick Saggese, Xu Han, Do Bor Shiuan Chen, Hongda Zeng
Potential Product Owners	Any company/institution that currently does not have an effective equipment management system.

Deliverables

We will deliver an application accessible by web that will fulfill the objectives stated above. The technology stack we are looking to utilize is as follows:

- NodeJS on the Backend.
- PostgreSQL for the Database.
- HTML/CSS/JS for the Frontend.