Team 13 Project Charter
BoilerCheck

Team Members:
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Problem statement:

As the enrollment at Purdue continues to increase, it is becoming harder to find a non-crowded place to meet with your group, study for classes, or a dining court that isn't packed. Existing programs only cover labs or other subsets of buildings; ours will encompass multiple categories of buildings. Our program, the BoilerCheck Android app, will allow users to check-in and report conditions at popular buildings around campus. Users will also be able to view current statistics of the building before making a decision on where to go.

Objectives:

- Allow users to check in to their location/building using GPS location
- Show stats for buildings around campus (i.e. Number of people, busiest time of day, etc.)
- Show users their personal statistics (Where they spend most of their time, how many buildings they've been to)

Stakeholders:

Users: The expected users for this application are Purdue members owning an Android device wanting to know the population stats at different Purdue buildings

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Project Manager: Jacob Richwine

Project Owners: Nadeem Mahmood, Michael Reed, Jacob Richwine, Jeremiah Murphy, Kinshuk Juneja, Zhandos Suleimenov

Deliverables:

- Android application that allows users to check in based on location, view location statistics of dining courts and various buildings, and personal statistics based on usage of the app
- Node.js app backend that handles requests from the app and returns data to it