

Team 18: Project Charter

CS408

CorkBoard

Team Members:

Laila Kassar, Nicolas James, Thomas Simons, Quinn Spillane, Vincent Ma

Problem Statement

Students living in Purdue dorms don't have access to at-a-glance information useful to the entire floor - Weekly newsletters exist, but that information can become quickly outdated. Our program, CorkBoard, provides an information dashboard display that can be displayed near a floor's elevator or common area, with information dynamically updated from multiple sources, at the Floor RA's prerogative.

Project Objectives

- Display the weather for the next 3 days on campus.
- Display a message board from the floor's RA.
- Display a bus schedule of expected times for the nearest bus stop. If possible, use real-time data pulled from CityBus.
- Display news stories of the day.
- Display Purdue Alert's Twitter feed.

Stakeholders

Project Owners: Laila Kassar, Nicolas James, Thomas Simons, Quinn Spillane, Vincent Ma

Project Coordinator: TA

Developers: Laila Kassar, Nicolas James, Thomas Simons, Quinn Spillane, Vincent Ma

Users: RAs and their student residents

Project Deliverables

We plan to accomplish the project objectives by executing the Corkboard project as a desktop app. The app will be built using C#. The weather data will be taken from the National Weather Service. The bus schedule will be taken from MyCityBus. Floor RA's will be able to post messages through the app. The news stories will be pulled from NPR and the Purdue Alert's will be pulled from their Twitter feed.