Problem Background

- Students and teachers in the UPRM are using the moodle platform to host class material and assignments while working long distance.
- The way this material is displayed to the students is preset and not customizable.
- The moodle dashboard is unintuitive.
- The moodle dashboard is not visually engaging. Having a more visually engaging dashboard could help students have a faster grasp of what their assignments are, and this would increase their productivity.

Target:

The goal to achieve by the end of the 2021-2022 fall semester is to allow the students of UPRM to have a greater control over the display of their assignments with the goal of enhancing student productivity and engagement.

Causes:

- The current system is not visually engaging
- The way the course is presented in moodle might not be intuitive to some students.
  - o Some students might find themselves more productive if the format was different.
  - o The layout of the class material can be inconsistent between professors.
  - o There are no notifications when new material is added to moodle.

Countermeasures:

- Develop an algorithm that gathers and sorts all the relevant assignments.
- Develop a platform that takes the information from moodle and allows the user to determine how its displayed.
- Once the user has set their preferences the platform updates automatically and sends notifications.

Check/Evaluate

- Implementing a user satisfaction survey in which users are asked to describe how much time they spent getting organized before and after using the app would allow us to gauge how effective it has been.

Act/Standardize:

- *If the platform is successful, then we'd consider using user feedback to further optimize each individual user's experience.*
- *This project could also be expanded to be its own productivity app, not just tracking the moodle classwork.*