1. **Course Number:** 51438
2. **Group Number:** 13
3. **Group Members:**
   * **Christina Depena** - ckd386
   * **Brandon Kerbow** -bwk352
   * **Isaac Tijerina** - Igt86
4. **Application Name:** Binder
5. **General Description:** The application would serve as a tool to help high school and college students stay organized in their classes and evaluate their performance as the semester progresses. The app will consolidate common tasks by providing students with two major features: the ability to calculate the assignment grades required to obtain a desired overall average, and the ability to input - and be reminded of - deadlines. The calculation regarding what a student needs to get on a final exam in order to make an A in a class is an incredibly common task. Our app would make it easy to perform this calculation not only for a final exam, but for all remaining assignments and for any desired letter grade. The ability to view upcoming deadlines and see how heavily assignments are weighted in the same convenient location will make it easier for students to stay on top of and prioritize their coursework.
6. **Target Audience:** This application will target high school and university level students because of its:
   * Easy to use interface.
   * Ability to help students track their progress early on, rather than at the end of the semester.
   * Elimination of need to use multiple apps to stay organized.
7. **Target Devices:** This application will be for IPhones devices 7 and up.
8. **Target iOS Version:** This application will run on the latest version of iOS.
9. **Feature List:**
   * **Add a Class:** Students will have the ability to add a class for the semester. They have the ability to input the grading scale for the course, weights for each assignments and important due dates.
   * **Personal Grades**: Here, students will be able to view their current average for each course including a breakdown of their assignment grades.
   * **Grade Comparison:** Students will also be able to see the class average by assignment using other user data.
   * **Grade Goals**: Users will be able to perform calculations regarding their future grades. There will also be a toggle for to adjust their target course grade for the semester.
   * **To-Do:** Students may pull up a To-Do list for the week that is prioritized based on the grade percentage the assignment is worth.
   * **Calendar**: When assignment and exam dates are loaded through add a class, they will also be loaded into the calendar feature, so students may keep track of important dates in a calendar view.
   * **Login:** Login information will be stored in a database. Users will not have to login every time they open the app.
   * **Settings:** Allow the user to change their password, username, remove classes, delete account.
10. **Development Plan:**
    * **Alpha:**
      + Login
      + Add a Class
      + Settings
    * **Beta:**
      + Personal Grades
      + Grade Goals
      + To-do
    * **Final:**
      + Grade Comparisons
      + Calendar
      + Login