

Create Teams Group Assignment

Due Tuesday, September 2, 2019 by 10:30 am KST.

You have just done an in class presentation of different project ideas. Now your goal is to create a team, decide on a project, and setup your GitHub repository with your team + problem statement writeup.

Tasks:

1. Form a group of 2-3 people.
2. Choose a problem to solve. This does not have to be a new idea, but should be a small problem that you can make a web and/or mobile application to solve. Write a concise summary in a few sentences describing the problem (and the people who have this problem) and how you plan to solve it with your website/app. Focus on what users will do and how your application solves their problem.
 - The first lecture slides (available on Blackboard) have several examples for sample projects.
3. Choose roles. Everyone will be working as a software engineer and you may work together on all the aspects of the project, however different roles can help lead and make decisions on different aspects of the project. Make sure one person is chosen for each role.
 - A **project manager** to deal with work assignments and day-to-day scheduling who revises how to make the team work more efficiently.
 - A **lead programmer** who helps direct group decision making on technical aspects of the project.
 - A **product owner** who is responsible for the requirements of the project.
 - A **designer** who oversees how product requirements are met.
 - A **marketer** who helps show off what you build to the outside world.
 - A **support lead** who handles incorporating feedback from outside the team.
4. Create a [GitHub](#) repository and ensure the whole team has access. Ensure each teammate's profile has their full name so I can properly grade them.
 - If you've never used a version control system or Git before, I've created some information on the [Using Git](#) page that can be a helpful place to start.
 - The repository will default to being publicly visible, but please feel free to set it to a private repository if desired.
5. Give the instructor (GitHub name "alexckuhn") read access to the repository.
6. Create a README.md file in the repository and write your problem statement and list of teammates + their roles. Be sure to commit and push the README file so that it is visible on the GitHub website.
7. Present your project idea, including the problem statement and your solution to it, in class on **Tuesday September 3rd**.

Grading (4.0 possible points)

- 1.0 point for presenting the project idea in class, clearly describing the problem and solution.
- 0.5 points for setting up the GitHub repository.
- 2.5 points for the written project statement.
 - 2.0 points total for the statement being concise, logically sound and clearly defining the problem being solved and your solution.
 - 0.5 points for the statement having no spelling or grammar issues.