

## **Group12: Course Project Proposal**

Make sure that you read the course project description before writing your project proposal.

Your team proposal should contain the following:

1. Project title (can be a catchy name that you come up with, or a simple descriptive phrase)
  - a. Book A Bite
2. Group number (defined in Canvas)
  - a. Group 12
3. 3. List of team members (full names)
  - a. Diego Lopez, Abrar Mian, Cameron Boydd, Cayden Renegar, Marcel Newman
4. Proposed project description:
  - a. You will identify one project and describe it. In most cases this will be the project you presented a week earlier in class. Projects can either be suggested by one of the partners, or may be a project idea of your own design.
  - b. Project description should include the following information:
    - i. A clear and concise description of the problem that you are attempting to address
      1. Restaurants are always getting called for reservations. These are commonly during the busiest hours of the day. Because of this, the host(s) are being called while they are trying to help customers and it can be very overwhelming and the restaurant may lose business over it. If we give them a system where it takes the host(s) out of it, then it will save time and keep reservations organized.
    - ii. A clear and concise description of how your proposed software system will address the problem. You don't need to give technical details about how the system would be designed or how it would work (in other words, you don't need to tell us that there is a database or what programming language you will use). Think of this as a marketing pitch that describes software features that solve the problem that you've identified.
      1. Anyone could view the reservation times that are open and full on the home screen.

2. Can create a user to submit a reservation.
  3. This would work off a database so it's a full-stack implementation
- iii. A list that identifies and describes stakeholders that have some interest in such a system (you should particularly identify who would use and or buy such a system) d. If this is not a suggested project and is your own project idea, indicate whether or not you have a real-world customer that could give input on this project, and give their contact information.
1. The stakeholders would be any restaurant that takes reservations.

Remember, if you propose your own project, the project should require a significant amount of design and programming and should be at a similar level of difficulty as the suggested projects. Project ideas are subject to approval by the instructor.

Also:

**DON'T BE AFRAID TO TACKLE WHAT MAY SEEM LIKE A DIFFICULT PROJECT. I**

scale my expectations on how "complete" the project should be based on the level of difficulty.

Your progress on the project is also documented through intermediate deliverables and individual contribution grades, which factor into your final grade.

Each team should submit a single proposal via Canvas as a PDF, and the file name should follow the naming convention: Team<team number>\_ProjectProposal.