

Project Plan Questionnaire

Before completing this document, read over the project assignment handout carefully, including the grading criteria. Then read this document and discuss. Finally, answer the questions. Note that this is an initial plan, so things will change. However, I want you to take the planning seriously. Once the plan is filled out, export to **PDF**, and submit to ReggieNet.

What language are you working with? GoLang

List your group members: Nick Carter, Lance Carter, Trystan Maricle

Plan for programming:

Do you plan to do pair programming for the project? (yes/**no**) - unless needed (debugging reasons)

Indicate who will be responsible for each program (should be no more than 2 per program).

Trivial program: Hello World

Intermediate program 1: queues

Intermediate program 2: server client program (message passing)

More complex program with data structures:

Message queue

Plan for grammar and parse trees:

Who will be responsible for finding/putting together the grammar?

Nick and Lance will be mainly responsible, with Trystan doing reviews and edits where needed

Who will be responsible for creating the parse trees?

Parse tree 1: Trystan

Parse tree 2: Lance

Parse tree 3: Nick

How will your group divide the research on the language?

Each member will be responsible for gaining a basic understanding of the language. This includes basic control structures such as if, for, while, etc.. Once this is achieved the work will be distributed evenly among the members - note members will still help each other achieve a better understanding of the language.

How will your group divide the work of writing up the language characteristics?

Each member will do a write up of their own work. This work will then be peer reviewed by the other members of the group, and either accepted or sent back for another round of revisions.

Note: all members of the group should contribute to the evaluation of the language, and all members **must** participate in the presentation.

How will you handle the write-up of the evaluation?

We will split any work that was shared across everyone evenly. Otherwise we will all be responsible for writing about the portions of work/research we did.

What tools do you plan to use for collaboration? (such as Teams, Discord, GroupMe, OneDrive, GoogleDrive, GitHub, etc.)

GitHub for any file sharing, discord for communication, google drive for documents.

What responsibilities will group members take on in terms of organizational roles within the group (such as leader, secretary, manager of the calendar . . . however your group wants to do things)?

While we won't have designated roles, each member will display leadership responsibilities, as well as self-responsibility in communicating progress and issues.