CS 351
Design of Large Programs
Submitting your Work

August 23, 2021

Submitting On Learn

- Each programming assignment must be submitted in Blackboard Learn as a link to a csgit repository.
- For group work, each member must submit a link to the shared repository.
- Suggestion: once you have set up the repository, go ahead and submit the link to Learn immediately.

GitLab Server

- GitLab server at `https://lobogit.unm.edu`
- You log on with your UNM account credentials.

GitLab repository

- Repository must be *private*
- Add instructors/graders as collaborators so we can see your work.

Project Structure

Inside your Project Repository

- `README.md`
- `.gitignore`
- `src/`
- `doc/`
- `resources/` – If using any resource files
- `descrip_name.jar`
  - `descrip` is meaningful descriptive string (version number, etc.)
  - `name` is your username, or for group projects, each member's username, separated with underscores
  - There will be a jar for each incrementally demonstrated version.

.gitignore file

- In general, auto-generated files should not be included in your repository and so should be ignored.
- In particular, make sure out (or bin) directory with the `.class` files is ignored.
  - Exception: the required jar file(s) submitted for the assignment
- Example .gitignore contents:

```
out
.idea
projectName.iml
```

Jar file

- Must be executable JAR with all resources needed to run.
- Must include the source used to build the program (This is not the default when building a JAR, so you need to explicitly configure to include the java files)
- Jar files must be built with Zulu JDK 11.

README.md

Each assignment includes a README file in Markdown format that explains:

- How to use the program (which class is entry point, command line arguments, etc....)
- Any testing and/or debugging tools/options in the project and how to use them.
- For group projects: Who did which parts of the program
- Any known issues (bugs, unfinished features).

doc directory

- Includes all documentation other than the README and JavaDoc
- Must include a design document in PDF format.
  - First page/slide is object diagram.
  - Description of objects follows diagram on next page/slide.