**GIT GUIDE**

Navigate to CS321-2018F-002 directory in your local machine

git checkout dev //we will be working from the dev branch from now on

git pull //get up to date files

to checkout to an existing branch (if pair-programming), must pull from master first before switching branches to receive branch

SEE EXAMPLE BEFORE EXECUTING NEXT 3 INSTURCTIONS

Branch needs to be created for each feature you are working on…

Appropriate commits must be performed for each branch and appropriate switching must be done when working on multiple features… NEW FEATURE = NEW BRANCH

git checkout -b [storyNum]\_[Short Description]

git push origin [storyNum]\_[Short Description]

git branch --set-upstream-to=origin/

[storyNum]\_[Short Description] [storyNum]\_[Short Description]

e.g.

git checkout -b 211\_NameConfBugFix

git push origin 211\_NameConfBugFix

git branch --set-upstream-to=origin/211\_NameConfBugFix 211\_NameConfBugFix

git status //Ensure branch is correct

git log --graph

MAKE CHANGES TO YOUR CODE NOW AND TEST PERIODICALLY

Use below three commands AS APPROPRIATE

git add -u //adds all “updates” you made

git commit -m “ADD INFORMATIVE MESSAGE HERE” //Commit only when done

//with a task or subtask

git log --graph //will show the commit

git push Do this only when you have completed the feature or someone else wants to work on the branch. Before pushing, ensure that you are on your feature branch by using git log --graph and changes are only being pushed to your appropriate branch

To test the game (WINDOWS):

Make sure you are in src folder

.\build.bat or .\clean.bat as needed after each edit to code

.\runServer.bat

Open another terminal

.\runClientLocal.bat

Ctrl+C ends connection //must do on both server and client terminals when testing

**FOR TEAM LEAD ONLY**

For merges, switch to branch you want to merge to and run the following command where branch\_name is the desired branch

git pull https://github.com/htanvee/CS321-2018F-002.git <branch\_name>