

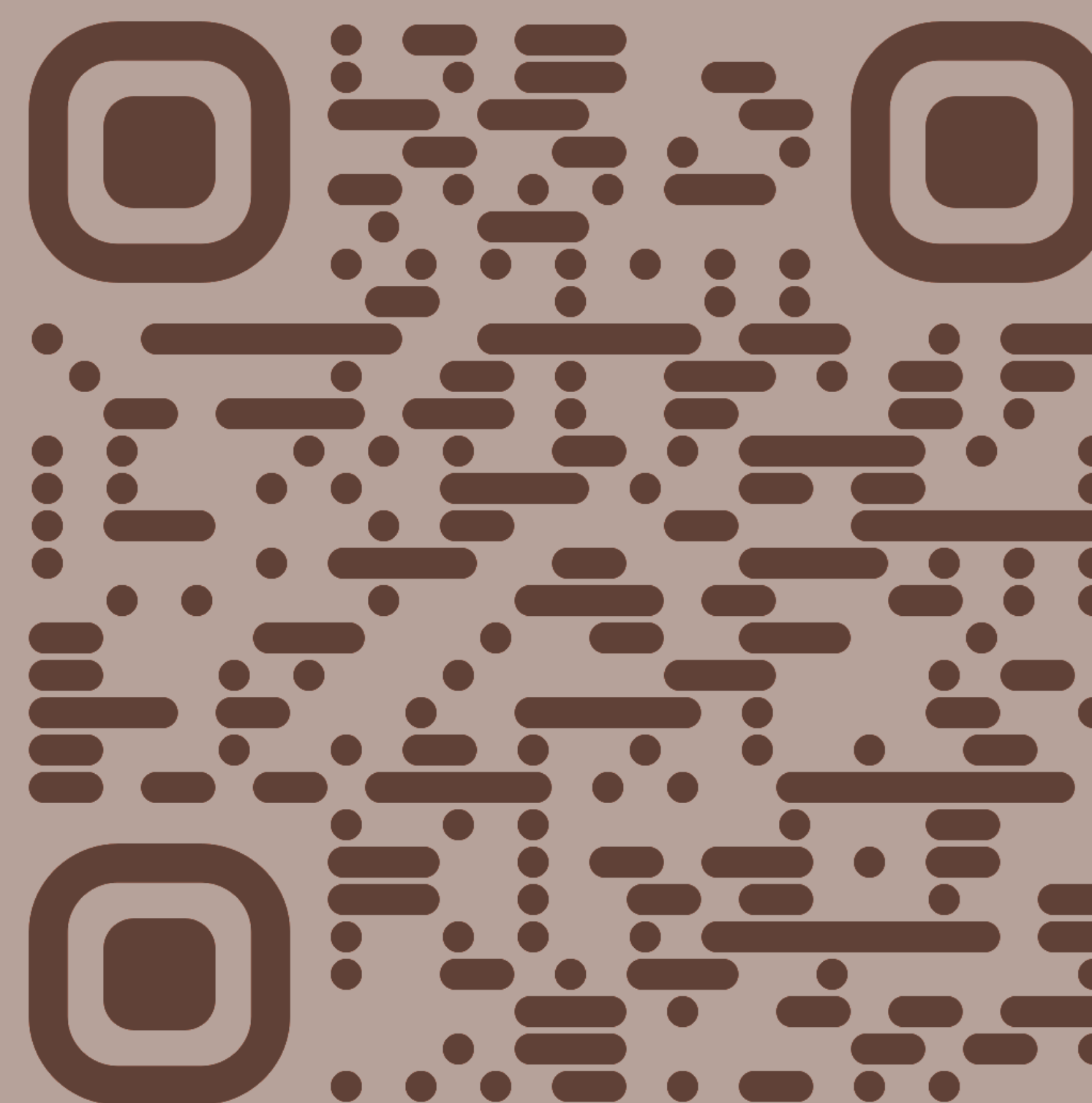
# GITS

## Git Simplified

Use fewer commands, spend less time confused, and create a better coding workflow with this command line Git wrapper

### Future Improvement Ideas

- ❖ More Super Commands combining multiple git commands into one
  - ❖ Super save: add, commit, and push
  - ❖ Super switch: stash changes, switch branch, then unstash changes
- ❖ More descriptive output to all commands
- ❖ Warning/confirmation messages for actions applying to remote
- ❖ Storage of multiple git credentials with easy switching
- ❖ Automatically fix (pull) when pushing to remote that is ahead of local



## Fall 2023 - GITS Development

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Along with work by previous teams

### Why Use GITS over Traditional Git?

- ❖ Reduced time spent fiddling with Git
- ❖ Simplified documentation allowing faster and easier reference
- ❖ Reduced time spent completing repetitive groups of commands
- ❖ Lower risk of accidental/unintended command execution

### Previously Available Commands

- |                |                    |                |
|----------------|--------------------|----------------|
| ❖ gits add     | ❖ gits push        | ❖ gits undo    |
| ❖ gits branch  | ❖ gits rebase      | ❖ gits untrack |
| ❖ gits commit  | ❖ gits reset       |                |
| ❖ gits create  | ❖ gits set         |                |
| ❖ gits delete  | ❖ gits upstream    |                |
| ❖ gits diff    | ❖ gits status      |                |
| ❖ gits init    | ❖ gits super-reset |                |
| ❖ gits merge   | ❖ gits switch      |                |
| ❖ gits profile | ❖ gits sync        |                |
| ❖ gits pull    | ❖ gits track       |                |

### Fall 2023 Improvements Completed

- ❖ Improve Documentation Across The Board
  - ❖ README
  - ❖ Code of Conduct
  - ❖ CONTRIBUTING
- ❖ Improve Logging For Better Debugging and Development
  - ❖ Completed Error Case Logging
  - ❖ Added Successful Case Logging
- ❖ Created New Super Command
  - ❖ Super Init
- ❖ Refactored CLI interface to use “Click” library
- ❖ Fully Tested New Features