# Weekly Internal Demo Template

## Project Overview

##### Subject

Predictive model of idea transmission between researchers

##### Relationship with CNS Objectives and other Projects

No relationship.

##### Desired Outcomes

To create a model to be used to support future publications

##### History

Lack of documentation or notes from previous researcher  
Had a workable code foundation from an external developer

##### Current State

Approaching deadline

Documentation lacks clear algorithm definition and/or a mathematical basis for the model

Incomplete Data

## Code

##### Language

Netlogo IDE lacks common debugging + other development tools  
Projects are difficult to scale; agent-based modeling not intended to scale  
No clear documentation  
No developer base

##### Source Project – Discussions or contributions to the source

Extensive discussions with other developer about code and concept  
New code in version control

##### Benefits and Pitfalls

Pitfalls  
Documentation is not verbose  
Slow rendering leads to slow testing

Benefits  
Worked on running the code in a headless environment. Noticed massive performance gains

##### Current State

Improvements/progress  
Completing and cleaning data   
Headless mode  
Have a working model

Concerns and Blockers  
We don’t have a weighted transmission value